

ENTERPRISE PRODUCTS PARTNERS L.P. ENTERPRISE PRODUCTS GP, LLC (General Partner)

November 20, 2018

Return Receipt Requested 7016 3010 0000 0899 7737

Mr. Brandon Powell New Mexico Energy, Minerals & Natural Resources Department – Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

PCTP0810533836

RE: Annual Groundwater Monitoring Report (May and October 2017 Sampling Events) Enterprise Field Services, LLC – Largo Compressor Station County Road (CR) 379, Rio Arriba Co., New Mexico Groundwater Discharge Plan GW-211 OCD RP: 3R-1001

Dear Mr. Powell:

Please find attached, the above-referenced report prepared by Apex TITAN, Inc. (Apex) and dated July 11, 2018. The report is associated with the Enterprise Field Services, LLC (Enterprise) Largo Compressor Station condensate storage tank release (January 2008) as well as historical impacts at other areas of the facility (the Site).

The activities detailed in the attached *Annual Groundwater Monitoring Report (May and October 2017 Sampling Events)* include the two (2) semi-annual groundwater monitoring events completed at the site during May and October 2017, to further evaluate the concentrations of constituents of concern (COCs) in groundwater. Based on analytical results, COC concentrations were identified in groundwater above the New Mexico Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs).

Regulatory oversight of the remediation activities at the site is now being shared by the New Mexico Oil Conservation Division's (OCD's) Santa Fe (District 4) and Aztec (District 3) offices. Based on the information contained in the attached report, Enterprise intends to continue to perform groundwater monitoring activities at the facility and plans to increase the groundwater monitoring frequency in pertinent areas of the groundwater monitoring network once Area 3 (Retention Pond Area) soil excavation activities have been completed. Enterprise is currently excavating impacted soils in Area 3 and has initiated the installation of the proposed soil vapor extraction (SVE) and air sparing (AS) system in Area 1 (Former Condensate Storage Tank Area).

Enterprise appreciates the OCD's continued assistance and guidance in bringing closure to this Site. Should you have any questions, comments or concerns, or require additional information, please feel free to contact me any time at 713-381-8780, or at <u>gemiller@eprod.com</u>.

Sincerely,

Treason E Mille

Gregory E. Miller, P.G. Supervisor, Environmental

Rodney M. Sartor, REM Sr. Director, Environmental

Mr. John Berry and Mrs. Patricia Berry – Landowner
 Mr. Cory Smith – NMOCD, Aztec, NM
 Ms. Vanessa Fields – NMOCD, Aztec, NM
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DEC 17 2018

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ANNUAL GROUNDWATER MONITORING REPORT (MAY AND OCTOBER 2017 SAMPLING EVENTS)

GROUNDWATER DISCHARGE PLAN GW-211 OCD RP: 3R-1001

Property:

Largo Compressor Station NE ¼ and SE ¼, S15 T26N R7W Rio Arriba County, New Mexico

July 11, 2018 Apex Project No. 725040112154

NMOCD

DEC 17 2018 DISTRICT III

Prepared for:

Enterprise Field Services, LLC P.O. Box 4324 Houston, Texas 77210-4324 Attn: Mr. Greg E. Miller, P.G.

Prepared by:

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Largo Compressor Station – Annual Groundwater Monitoring Report (May and October 2017 Sampling Events) Executive Summary

During May and October 2017, Apex TITAN, Inc. (Apex) conducted semi-annual groundwater monitoring events at the Largo Compressor Station (the "Site"). The Site is a natural gas compressor station utilized to dehydrate and compress natural gas collected from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s, and is located off of County Road (CR) 379 in Section 15, Township 26 North, Range 7 West in Rio Arriba County, New Mexico.

Release History

During January 2008, a natural gas condensate release occurred at a former condensate storage tank battery (Area 1 - Former Condensate Storage Tank Area). The release was subsequently reported to the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD) Oil Conservation Division's (OCD). Initial response activities included soil boring installation and sampling to evaluate the extent of impact (*Geoprobe Investigation at Largo Compressor Station*, Lodestar Services Inc., May 2008). Results from the initial investigation activities indicated constituent of concern (COC) concentrations in soil and groundwater above the New Mexico EMNRD OCD *Remediation Action Levels (RALs)* and the New Mexico Water Quality Control Commission (WQCC) *Groundwater Quality Standards (GQSs)*. The former condensate tanks (formerly located near the current location of groundwater monitoring well MW-7) were permanently removed from the facility and replaced by a new condensate storage tank battery southwest of the former release location.

During June 2009, potential petroleum hydrocarbon impact was discovered during construction at the new condensate storage tank battery in Area 2, resulting in the removal of impacted soils.

During July 2009, historical petroleum hydrocarbon impact was discovered in Area 3 (Retention Pond Area) during the construction of a stormwater retention pond. Analytical results of soil and groundwater samples collected from the retention pond excavation indicated COC concentrations above New Mexico EMNRD OCD *RALs* in soil and above WQCC GQSs in groundwater. In addition, soil samples collected from four (4) test pits advanced outside the retention pond excavation exhibited COC concentrations above the New Mexico EMNRD OCD *RALs*.

Supplemental excavation, delineation, and remediation activities have been performed between March/April 2008 and July 2017 in Areas 1 through 4, as documented in the following reports:

- Report of Subsurface Investigation at Largo Compressor Station, Lodestar Services, Inc., November 30, 2009
- Interim Remedial Investigation Report, LT Environmental, Inc. (LTE), May 15, 2010
- Groundwater Sampling Report, LTE, September 10, 2010
- Environmental Site Investigation, Southwest Geoscience (now Apex TITAN, Inc (Apex)), March 24, 2011
- Corrective Action Pilot Study Report, Southwest Geoscience, October 10, 2011
- Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012), Southwest Geoscience, June 31, 2012
- Supplemental Site Investigation Report (November 2012 and January 2013), Southwest Geoscience, February 22, 2013
- Remediation Plan (Corrective Action Status Report) Largo Compressor Station, Southwest Geoscience, March 19, 2014

- Annual Groundwater Monitoring Report (April and October 2014 Sampling Events and Supplemental Site Investigation Report, Apex, April 13, 2015
- Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report, Apex TITAN, Inc. (Apex), July 14, 2016
- Soil Remediation Plan Amendment Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action, Apex, August 14, 2017

During August 2017, petroleum hydrocarbon-affected soil remediation (by excavation and disposal) was initiated to address soil impacts in Area 3. These remediation activities are still in progress as of the writing of this document. Additionally, a soil vapor extraction (SVE) and air-sparge (AS) remediation system is being installed at the original 2008 condensate tank release location (Area 1).

2017 Groundwater Sampling Events

The objective of the 2017 groundwater monitoring events was to further evaluate the concentrations of COCs in groundwater at the facility. Findings and recommendations based on these activities are as follows:

- At this time, the subsurface hydraulic gradient, the apparent influence of a north trending subsurface paleochannel, and the groundwater analytical data collected from the Site seem to indicate that the petroleum hydrocarbon impact to the shallow groundwater-bearing unit is fully delineated within the monitoring well network.
- During the completion of the May and October 2017 sampling events, one (1) groundwater sample was collected from each viable monitoring well utilizing low-flow or bailer sampling techniques. Monitoring well MW-42 was not sampled due to insufficient water during the October event, and monitoring well MW-47 has been damaged and was not sampled during either event. Monitoring well MW-55 was not sampled due to an apparent obstruction in the well casing, and monitoring wells MW-32 and MW-36 were not sampled due to ongoing remediation activities in Area 3.
- During the May 2017 sampling event, the groundwater samples collected from monitoring wells MW-7 and MW-37 exhibited benzene concentrations of 27 micrograms per liter (µg/L) and 1,100 µg/L, respectively, which exceed the Water Quality Control Commission (WQCC) *Groundwater Quality Standard* (*GQS*) of 10 µg/L. In addition, the groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 2,200 µg/L, which exceeds the WQCC GQS of 620 µg/L.
- During the October 2017 sampling event, the groundwater samples collected from monitoring wells MW-7, MW-37, and MW-48 exhibited benzene concentrations ranging from 28 μg/L (MW-48) to 1,300 μg/L (MW-7), which exceed the WQCC GQS of 10 μg/L. In addition, the groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 1,100 μg/L, which exceeds the WQCC GQS of 620 μg/L.
- Benzene concentrations at monitoring well MW-7 are trending higher over the last three sampling events (10/14/16 through 10/12/17) when compared to the data from 4/24/13 through 4/27/16.
- Benzene concentrations at monitoring well MW-39 continue to exhibit benzene concentration decreases during each of the 2017 monitoring events.
- Monitoring well MW-41 exhibited a detection of benzene (3.8 µg/L). This is the first BTEX constituent detection at this monitoring well.

Apex offers the following recommendations:

- Report the groundwater monitoring results to the New Mexico Energy, Minerals, and Natural Resource Department (EMNRD) Oil Conservation Division (OCD);
- Continue the execution of corrective actions to reduce the concentrations of COCs in soil to below the New Mexico EMNRD OCD *Remediation Action Levels* in Area 1 and Area 3.
- Reinstall monitoring wells within the primary COC plume areas and enhance the monitoring well network where necessary once the bulk of the affected soils have been removed/remediated; and,
- Increase the sampling frequencies for pertinent portions of the monitoring well network to quarterly monitoring once the Area 3 soil excavation activities are completed.

TABLE OF CONTENTS

1.0	INTRO	DUCTION	. 1
	1.1	Site Description & Background	. 1
	1.2	Chronology of Events	.3
	1.3	Objective	.9
2.0	GROL	INDWATER MONITORING	.9
	2.1	Groundwater Sampling Program	.9
	2.2	Groundwater Laboratory Analytical Program	10
	2.3	Groundwater Flow Direction	10
	2.4	Groundwater Data Evaluation	10
3.0	FINDI	NGS	12
4.0	RECO	MMENDATIONS	13
5.0	STAN	DARD OF CARE. LIMITATIONS & RELIANCE	13

LIST OF APPENDICES

Appendix A:	Figures Figure 1 Figure 2 Figure 3 Figure 4A Figure 4B Figure 5A Figure 5B	Topographic Map Site Vicinity Map Site Map Groundwater Gradient Map (May 2017) Groundwater Gradient Map (October 2017) Groundwater Quality Standard Exceedance Zone Map (May 2017) Groundwater Quality Standard Exceedance Zone Map (October 2017)
Appendix B:	Tables Table 1 Table 2	Groundwater Analytical Summary Groundwater Elevations
Appendix C:	Laboratory Chain of C	/ Data Sheets & custody Documentation



ANNUAL GROUNDWATER MONITORING REPORT (May and October 2017 Sampling Events)

GROUNDWATER DISCHARGE PLAN GW-211 OCD RP: 3R-1001

Largo Compressor Station NE ¼ and SE ¼, S15 T26N R7W Rio Arriba County, New Mexico

Apex Project No. 725040112154

1.0 INTRODUCTION

1.1 Site Description & Background

The Enterprise Field Services, LLC (Enterprise) Largo Compressor Station, referred to hereinafter as the "Site", is located off of County Road (CR) 379 in Section 15, Township 26 North, Range 7 West, in Rio Arriba County, New Mexico (36.4855N, 107.5578W). The Site is a natural gas compressor station designed to dehydrate and compress natural gas gathered from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s and currently includes two (2) compressor engines, a dehydration unit and related treater, one (1) bullet storage tank, a new condensate storage tank battery containing seven (7) tanks, inlet scrubbers, a control room, a stormwater retention pond, and an office/shop building.

The Site is subject to regulatory oversight by the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division (OCD). To address activities related to crude oil/condensate related releases, the New Mexico EMNRD OCD utilizes the *Guidelines for Remediation of Leaks, Spills and Releases* as guidance, in addition to the New Mexico EMNRD OCD rules, specifically New Mexico Administrative Code (NMAC) 19.15.29 *Release Notification.* These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

The Site location is depicted on **Figure 1** of **Appendix A** which was reproduced from a portion of a United States Geological Survey (USGS) 7.5-minute series topographic map. A **Site Vicinity Map**, created from an aerial photograph, is provided as **Figure 2** of **Appendix A**.

The areas of known or potential impact at the Site have been previously designated as Areas 1 through 4 in prior New Mexico EMNRD OCD correspondence. Each of the areas is depicted on **Figure 3** in relation to pertinent Site features and general Site boundaries. These areas are briefly described below:

Area 1 (Former Condensate Storage Tank Area)

Area 1 is defined as the northwestern portion of the Site and includes the former condensate storage tank battery associated with on-going investigation/monitoring and/or corrective actions since a release from a condensate storage tank valve was reported to the New Mexico EMNRD OCD in January 2008. Additional detail regarding the investigative and corrective activities at Area 1 are provided in the *Report of Subsurface Investigation at Largo Compressor Station* (Lodestar Services, Inc., dated November 30, 2009), *Interim Remedial Investigation Report* (LT



Environmental, Inc. (LTE), dated May 15, 2010), *Groundwater Sampling Report* (LTE, dated September 10, 2010), *Environmental Site Investigation – Largo Compressor Station (GW-211)* (Southwest Geoscience (SWG), dated March 24, 2011), the *Corrective Action Pilot Study Report* (SWG, dated October 10, 2011), the *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events) and Supplemental Site Investigation Report* (Apex TITAN, Inc., (Apex), dated April 13, 2015, and the *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action* (Apex, dated August 14, 2017). The old condensate storage tanks were removed from Area 1 during July/August 2012. During the summer and fall of 2013, Enterprise removed hydrocarbon-affected soils from the former tank battery footprint. These activities are described in the *Remediation Plan (Corrective Action Status Report) Largo Compressor Station* (SWG, dated March 19, 2014).

The dissolved-phase impact to groundwater in Area 1 is currently delineated by the existing groundwater monitoring well network. Additional information pertaining to impacts by dissolved-phase hydrocarbons is provided in the Annual Groundwater Monitoring Reports, such as the *Annual Groundwater Monitoring Report (April/May and October/November 2016 Sampling Events)*.

Area 2 (Valve Box Area)

Area 2 includes the new condensate storage tank battery and the immediate surrounding area. This area is in the north central portion of the Site, immediately south of CR 379. During the construction of the new tank battery in June 2009, petroleum hydrocarbon affected soils and potentially affected groundwater were encountered in association with a former valve box and related appurtenances. These impacts were subsequently remediated. Additional detail and references regarding the investigative and prior corrective activities at Area 2 are provided in the *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG, dated March 24, 2011).

Area 3 (Retention Pond Area)

Area 3 encompasses the east portion of the Site including the stormwater retention pond. Historical petroleum hydrocarbon affected soil and groundwater were identified during the construction of the retention pond in July of 2009, which may have originated from historic oil and contact water treatment and/or storage in the area of the current retention pond. Additional detail regarding previous investigative and corrective activities at Area 3 are provided in the *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG, dated March 24, 2011), the Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012) (SWG, dated June 31, 2012), the Supplemental Site Investigation Report – (November 2012 and January 2013) (SWG, dated February 22, 2013), the Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report (Apex, dated July 14, 2016), and the Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action (Apex, dated August 14, 2017).

Area 4 (Compression & Dehydration Area)

Area 4 comprises the remainder of the Site, which includes the active compression and treatment area that includes two (2) compressor engines, a dehydration unit and related inlet scrubbers. Soil and groundwater investigation activities pertaining to Area 4 are provided in the *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG, dated March 24, 2011), and the *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)* (SWG, dated June 31, 2012).



1.2 Chronology of Events

Significant events and related activities associated with the Site, including the results of Site investigation activities and corrective action completed prior to activities described within this report, are provided in the following summary:

- January 4, 2008 <u>Area 1:</u> The release was discovered that resulted from a frozen valve on a condensate storage tank. The release flowed into the belowgrade drain tanks, which subsequently overflowed into the surrounding containment. The release was subsequently reported to the New Mexico EMNRD OCD.
- March/April 2008 <u>Area 1:</u> Geoprobe Investigation at Largo Compressor Station (Lodestar May 16, 2008): Initial field investigation activities were performed by Lodestar Services, Inc., (Lodestar) during March and April of 2008. Nineteen (19) soil borings (B-1 through B-19) were advanced at the Site with total depths ranging from 14.5 feet below grade surface (bgs) to 21 feet bgs. Five (5) of the 19 soil borings were subsequently converted to one (1) inch diameter piezometers (P-1 though P-5). Based on the depth to groundwater and proximity to a surface water body, the Site was classified with a total ranking score greater than 19.

Lodestar collected 29 soil samples from the 19 soil borings and submitted the samples for analysis of total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). In addition, five (5) groundwater samples collected from the piezometers were submitted for TPH GRO/DRO and BTEX analysis. Based on the laboratory analytical results, soil samples collected from soil borings B-1, B-2, B-5, and B-14 exhibited TPH GRO/DRO concentrations above the New Mexico EMNRD OCD *Remediation Action Level (RAL)*. The groundwater samples collected from piezometers P-1, P-2, and P-3 exhibited benzene, toluene, and/or total xylene concentrations above the Water Quality Control Commission (WQCC) *Groundwater Quality Standards (GQSs)*.

- August/SeptemberArea 1:Enterprise submitted a notice that the condensate storage2008tank system was scheduled to be upgraded/replaced.
- September/OctoberAreas 1 through 4:The New Mexico EMNRD OCD approved2008Enterprise's planned storage tank modification with the condition that
Enterprise file an appropriate closure plan for the old tank battery.
- June/July 2009 Area 2: An area of potential petroleum hydrocarbon impact was discovered during construction activities at the new condensate storage tank battery. The source of impact is presumed to be the valve box from a storage tank formerly utilized at this location. Souder, Miller, & Associates (SMA) assisted with the assessment activities and Foutz & Bursum (F&B) performed the excavation activities. Prior to fully excavating the affected soils, exploratory "potholes" were advanced to investigate the extent of subsurface contamination. Groundwater was encountered at approximately 13 feet bgs during these activities. On June 26, 2009, SMA collected one soil sample



from pothole #6 (PH# 6) and submitted it for analysis of TPH GRO/DRO. Based on the laboratory analytical data, soil sample PH# 6 did not exhibit TPH GRO/DRO concentrations above the New Mexico EMNRD OCD RALs. SMA also collected a groundwater sample from pothole #1 (PH #1). Based on the laboratory analytical data, benzene was identified at a concentration in excess of the WQCC GQSs. Based on field observations, soil screening data, and laboratory analytical data, F&B excavated the impacted soils, resulting in a final excavation approximately 100 feet long by 30 feet wide and 13 feet deep. SMA collected a total of four (4) soil confirmation samples from the sidewalls of the Area 2 excavation and one (1) soil confirmation sample from the excavated soil stockpile, and submitted them for analysis of TPH GRO/DRO. The confirmation soil samples did not exhibit constituent of concern (COC) concentrations above the New Mexico EMNRD OCD RALs. SWG subsequently collected groundwater samples from this approximate area (TSW-44 and TSW-45) and no groundwater impacts were observed (Environmental Site Investigation (SWG - March 24, 2011)). The Area 2 excavation was backfilled in July of 2009 with unaffected soil and gravel. Area 1: Inspection Report - New Mexico OCD (July 9, 2009): Onsite **July 2009** inspection by New Mexico EMNRD OCD required Enterprise to conduct tank integrity testing, improve leak detection monitoring, liner repair, soil and groundwater remediation, and system repair or replacement. Area 1: Response to Inspection Report - Enterprise (July 23, 2009): **July 2009** Enterprise submitted a work plan to perform additional investigation activities at the Site. July/August 2009 Area 3: Historical petroleum hydrocarbon impact was discovered during the construction of a stormwater retention pond at the facility. Initial Form C-141 was submitted to New Mexico EMNRD OCD on July 6, 2009. On July 15, 2009, a cement tank containing water (apparently an old cistern) was unearthed in the vicinity of the planned stormwater retention pond. SMA collected a water sample from the tank, and subsequent BTEX analyses indicated the tank water did not exhibit BTEX concentrations in excess of the WQCC GQSs. Soil confirmation samples were collected below the water table (BWT) on the north side of the retention pond excavation and on the northeast wall (NE Wall) of the retention pond excavation. Analytical results indicated the soil confirmation samples "BWT" and "NE Wall" contained TPH GRO/DRO, benzene, and/or total BTEX concentrations in excess of the New Mexico EMNRD OCD RALs. Groundwater present at the BWT soil sample location was collected (GE) and submitted for analysis of BTEX. Based on the laboratory analytical results, the GE groundwater sample exhibited benzene, toluene and total xylenes concentrations in excess of the WQCC GQSs. On July 16, 2009, SMA installed a total of four (4) test pits, each completed to a total depth of approximately 13 feet bgs, to the north and east of the retention pond excavation. Groundwater was

4



	encountered in each of the test pits at approximately 13 feet bgs. SMA collected one (1) soil sample just above the water table in each of the test pits to field screen for the presence of volatile organic compounds (VOCs). Based on visual observations and field screening results of the soil samples, it was concluded that "soil impacts likely extended beyond a reasonable area for excavation" within Area 3. Enterprise elected to stop extending the excavation and to remove any visibly contaminated soil remaining in the existing excavation of Area 3. SMA subsequently collected a groundwater sample from the southwest corner of the retention pond excavation (SWCRP) and submitted it for analysis of BTEX. Based on the laboratory analytical results, the SWCRP groundwater sample exhibited benzene and total xylenes concentrations above the WQCC <i>GQSs</i> .
	The excavated soils, totaling approximately 1,701 cubic yards (although one source indicates 3,000 cubic yards), were transported off-site and disposed of at the Envirotech, Inc. (Envirotech) landfarm near Hilltop, New Mexico. In addition, a vacuum truck was utilized to remove approximately 1,120 barrels (bbls) of hydrocarbon impacted groundwater from the excavation prior to backfill. The excavation was backfilled with approximately 1,360 cubic yards of unaffected material, creating a four (4) to five (5) foot deep depression for use as the stormwater retention pond.
August 2009	<u>Area 1:</u> Report of Subsurface Investigation at Largo Compressor Station (Lodestar – November 30, 2009): During August 2009, Lodestar performed a supplemental subsurface field investigation at the Site. Ten (10) additional soil borings (B-21 through B-30) were advanced at the Site. In addition, two (2) hand auger borings (HA-1 and HA-2) were advanced within the former condensate storage tank containment berm. Four (4) of the ten (10) soil borings were subsequently converted to permanent two (2) inch groundwater monitoring wells (MW-6 through MW-9).
	Based on the laboratory analytical results, soil samples collected from soil borings B-22 (15 feet bgs), B-23 (15 feet bgs), B-24 (15 feet bgs), B-29 (18 feet bgs), and Hand Auger-1 (14 feet bgs) exhibited total BTEX and/or TPH GRO/DRO concentrations above New Mexico EMNRD OCD <i>RALs</i> . The groundwater samples collected from piezometers P-2 and P-3 and monitoring well MW-7 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC <i>GQSs</i> . In addition, non-aqueous phase liquid (NAPL) was reportedly present in piezometer P-1.
	Lodestar concluded that soil and groundwater impact was limited to the bermed area and slightly outside of the bermed area in the down- gradient (northwest) direction.
November 2009/February 2010	<u>Area 1:</u> November 2009 Groundwater Sampling (Lodestar – December 17, 2009), Quarterly Groundwater Monitoring Report (Lodestar – April 20, 2010): Based on the laboratory analytical results, the groundwater samples collected from the groundwater monitoring wells MW-7 and P-2 (renamed as MW-11) exhibited benzene and/or



total xylenes concentrations above the WQCC *GQSs*. NAPL was identified in piezometer P-1 during each of these two groundwater monitoring events.

January 2010 <u>Area 1:</u> Largo Compressor Station Work Plan for Groundwater Remediation GW-211 (Lodestar – December 31, 2009): Enterprise submitted a groundwater remediation work plan for the Site detailing the proposed injection of Oxygen Release Compound (ORC) and utilization of sorbent socks to the New Mexico EMNRD OCD.

February 2010Area 1:
The New Mexico EMNRD OCD approved the December 31,
2009 work plan, with conditions.

March/April 2010Area 1: Interim Remedial Investigation Report (LTE – May 15, 2010):
During March of 2010, LT Environmental, Inc. (LTE), formerly known
as Lodestar, advanced two (2) additional soil borings at the Site to
total depths ranging from approximately 31 to 32 feet bgs.
Groundwater was encountered in both soil borings with static levels
ranging from 20 to 22 feet bgs. The two (2) soil borings were
subsequently converted to 2-inch groundwater monitoring wells (MW-
15 and MW-16). LTE also replaced piezometer P-1 with a 4-inch
groundwater monitoring well (MW-12) to allow NAPL collection
utilizing absorbent socks. Piezometers P-2, P-3, P-4, and P-5 were
also replaced with 2-inch groundwater monitoring wells MW-11, MW-
3R, MW-14, and MW-13, respectively.

<u>Area 1:</u> During April 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells for TPH GRO/DRO and BTEX analyses. Based on the laboratory analytical results, the groundwater samples collected from monitoring wells MW-7 and MW-12 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC *GQSs*.

May 2010 <u>Area 1:</u> A final C-141 was submitted to the New Mexico EMNRD OCD, indicating the need for additional studies.

<u>Areas 1 through 4:</u> On May 27, 2010, Enterprise submitted an extension request to the New Mexico EMNRD OCD pertaining to investigation activities at the Largo Compressor Station, citing a planned facility-wide investigation.

June 2010 <u>Areas 1 through 4:</u> Proposed Facility-Wide Soil and Groundwater Investigation (LTE – June 8, 2010): Enterprise submitted a work plan to provide a Site-wide assessment of the Largo Compressor Station.

<u>Areas 1 through 4:</u> The New Mexico EMRND OCD approved the proposed work plan submitted on June 10, 2010 with conditions.

June/July 2010Area 1: Groundwater Sampling Report (LTE – September 10, 2010):
During June of 2010, LTE advanced ten (10) 4-inch boreholes utilizing
hollow stem augers. The boreholes were advanced to the north and
north-northwest of the containment berm. A slurry of 65% ORC solids
and water was poured directly through the hollow stem augers at each
borehole (approximately 30 pounds of ORC per borehole) to create a



plug of ORC encompassing approximately five vertical feet, including the smear zone. A 2-foot thick bentonite seal was installed above the ORC slurry and the remainder of the borehole was backfilled with clean soil.

<u>Area 1:</u> During July 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells and submitted them for TPH GRO/DRO and BTEX analyses. Based on the laboratory analytical results, the groundwater samples collected from monitoring wells MW-3R, MW-7, MW-11, MW-12, MW-15, and MW-16 exhibited benzene and/or total xylene concentrations above the WQCC GQSs.

- November 2010 <u>Areas 1 through 4:</u> During November 2010, SWG advanced 17 soil borings across the facility as part of the facility-wide environmental investigation. Four (4) of these soil borings were completed as temporary sampling wells to allow the collection of a single groundwater sample prior to plugging and abandonment. The remaining 13 soil borings were completed as permanent monitoring wells.
- February/MarchArea 1: Corrective Action Work Plan (SWG February 18, 2011):2011Enterprise proposed an in-situ chemical oxidation (ISCO) pilot study
at the condensate storage tank area.

<u>Areas 1 through 4:</u> Environmental Site Investigation (SWG – March 24, 2011): Enterprise submitted a report to the New Mexico EMNRD OCD documenting the facility-wide investigation findings and subsequent groundwater monitoring results. Analytical results from the investigation confirmed the presence of hydrocarbon affected soil and groundwater in the vicinity of the retention pond (Area 3). Additionally, benzene was identified at concentrations slightly above the WQCC GQSs in groundwater from monitoring well MW-39, located near the current compressors (Area 4).

The groundwater sample collected from monitoring well MW-42, located at the hydraulically up-gradient boundary of the Site, exhibited a total dissolved solids (TDS) concentration of 75,400 milligrams per liter (mg/L).

- May 2011
 Area 1: Enterprise performed "pilot study" ISCO activities at the condensate storage tank release area. Approximately 3,500 gallons of injectate were introduced to the substrate near monitoring well MW-12.
- October 2011 <u>Area 1:</u> Corrective Action Pilot Study Report (SWG October 10, 2012): Enterprise submitted a report to the New Mexico EMNRD OCD documenting the "pilot study" implementation. Field observations during ISCO activities indicated residual historically impacted soils remained.
- March 2012
 Areas 3 and 4: SSI Work Plan (SWG January 12, 2012): Enterprise proposed additional field activities to further delineate dissolved-phase groundwater impact in Areas 3 and 4. Enterprise initiated the



proposed investigative activities by installing six (6) monitoring wells to further evaluate COCs at the Site.

June 2012 <u>Areas 3 and 4:</u> Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (SWG - June 31, 2012): Enterprise submitted a report to the New Mexico EMNRD OCD which documented the initial SSI activities for Areas 3 and 4. The report included results from the quarterly monitoring event that was performed following the installation of the six (6) additional monitoring wells.

- **November 2012** <u>Area 3:</u> Enterprise resumed the supplemental investigation, focusing on additional soil and groundwater COC delineation in Area 3.
- March 2013Area 3: Enterprise submitted the Supplemental Site Investigation
Report (November 2012 and January 2013) (SWG February 22,
2013) to the New Mexico EMNRD OCD documenting SSI activities for
Area 3. The report documented soil and groundwater sampling
performed during the SSI activities, and identified a potential second
source of impact at the retention pond area. Enterprise proposed
remediation of soils in Areas 1 and 3 in the Corrective Action Work
Plan (Area 1 and Area 3 Soils) (SWG March 11, 2013.)
- May 2013 <u>Areas 1 and 3:</u> Largo Compressor Station Background Sampling (SWG – June 18, 2013): Enterprise performed sampling in the southeast portion of the Site to evaluate current background soil and groundwater conditions. These activities were performed in advance of the proposed sourcing of backfill material from this area, and in advance of the proposed use of the area for soil treatment.

June through
November 2013Area 1: Corrective Action Status Report (Area 1 - Soils) (SWG -
March 19, 2014): Enterprise submitted a letter report to the New
Mexico EMNRD OCD documenting the construction of the treatment
cell area and corrective action activities performed in Area 1.

August through
October 2014Area 1: Annual Groundwater Monitoring Report (April and October
2014 Sampling Events) and Supplemental Site Investigation Report
(Apex – April 13, 2015): Enterprise installed three (3) additional
groundwater monitoring wells downgradient of monitoring well MW-47
(which had been damaged by heavy equipment).

July 2016 <u>Area 3:</u> Interim Corrective Action Report (Area 3) and Treated Soil Sampling (Area 1) Report (Apex – July 14, 2016): Enterprise performed initial corrective action activities in Area 3 by removing hydrocarbon-affected soils in the vicinity of the retention pond. The previously treated soils from the former remediation of Area 1 were sampled and subsequently moved to make room in the upper treatment cells for the Area 3 soils.



June/July 2017	<u>Area 3: In response to the New Mexico ENMRD OCD request to</u> <u>perform more rapid remediation at the Site</u> , Enterprise initiated a limited site investigation, soil vapor extraction (SVE) pilot testing, and remediation activities in Area 3. Impacted soils in Area 3 are being removed by excavation and transported off-Site for disposal/remediation. These activities are still in progress.
August 2017	<u>Area 1 and 3:</u> Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action (Apex – August 14, 2017): Enterprise submitted a Plan Amendment to the New Mexico EMNRD OCD documenting the results of the SVE pilot testing that occurred at the Site and the proposed continued strategies for remediation of impacted soil and groundwater at the Site. Area 3 soil remediation (by excavation) activities are initiated.
September 2017	<u>Area 1 and 3:</u> Soil Vapor Extraction and Air Sparging Work Plan (Apex – September 15, 2017, updated November 14, 2017): Enterprise proposed SVE and air sparging (AS) field activities for remediation of impacted soil and groundwater at the Site.

1.3 Objective

The objective of the groundwater monitoring events was to further evaluate COC concentrations in groundwater at the Site.

2.0 GROUNDWATER MONITORING

2.1 Groundwater Sampling Program

Semi-annual groundwater sampling events were conducted during May and October 2017 by Apex.

Apex's groundwater sampling program consisted of the following:

Prior to sample collection, Apex gauged the depth to fluids in each monitoring well using an interface probe capable of detecting NAPL. Former monitoring wells MW-33 and MW-35, which exhibited NAPL during previous sampling events, were plugged and abandoned during 2015 to facilitate soil remediation activities. These monitoring wells are not scheduled for replacement until the soil remediation activities are completed.

Each monitoring well was sampled utilizing either micro-purge low-flow or bailer sampling techniques. Subsequent to the completion of the micro-purge process, one (1) groundwater sample was collected from each monitoring well.

Low-flow refers to the velocity with which groundwater enters the pump intake and that is imparted to the formation pore water in the immediate vicinity of the well screen. It does not necessarily refer to the flow rate of water discharged at the surface which can be affected by flow regulators or restrictions. Water level drawdown provides the best indication of the stress imparted by a given flow-rate for a given hydrological situation. The objective is to pump in a manner that minimizes stress (drawdown) to the system, to the extent practical, taking into account established Site sampling objectives. Flow rates on the order of 0.1 to 0.5 liters per minute (L/min) are maintained during sampling activities, using dedicated or decontaminated sampling equipment. The pump



intake is placed within the screened interval such that the groundwater recovered is drawn in directly from the formation with minimal mixing of casing water or disturbance to the sampling zone.

The groundwater samples are collected from each monitoring well once produced groundwater is consistent in color, clarity, pH, temperature, and conductivity. Measurements are taken every three to five minutes while purging. Purging is considered complete once key parameters (especially pH and conductivity) have stabilized for three successive readings.

The casing of monitoring well MW-75 is approximately 1.5-inches in diameter, which does not permit the use of the bladder pump for sampling. As a result, this monitoring well was purged until effectively dry utilizing a disposable bailer. Subsequent to the completion of the purging process and the recovery of groundwater to static or near static levels, one (1) groundwater sample was collected from the monitoring well.

Groundwater samples were collected in laboratory supplied containers, labeled/sealed using the laboratory supplied labels and custody seals, and stored on ice in a cooler. The samples were relinquished to the courier for Hall Environmental Analysis Laboratory (HEAL) of Albuquerque, New Mexico under proper chain-of-custody procedures.

2.2 Groundwater Laboratory Analytical Program

The groundwater samples collected from the monitoring wells during the May and October 2017 groundwater sampling events were analyzed for BTEX utilizing Environmental Protection Agency (EPA) method SW-846 8021/8260. The sample containers were pre-preserved with mercuric chloride (HgCl₂).

A summary of the analyte, sample matrix, sample frequency, and EPA-approved methods are presented on the following table.

Analyte	Sample Matrix	No. of Samples (per event)	EPA Method		
BTEX	Groundwater	36/32	SW-846 8021/8260		

Laboratory results are summarized in **Table 1** included in **Appendix B**. The laboratory data sheets and executed chain-of-custody form are provided in **Appendix C**.

2.3 Groundwater Flow Direction

Each of the monitoring wells has been surveyed to determine top-of-casing (TOC) elevations. Prior to sample collection, Apex gauged the depth to fluids in each monitoring well. The groundwater flow direction at the Site is generally toward the northwest, with an average gradient of approximately 0.004 feet per foot (ft/ft) across the Site.

Groundwater measurements collected during the May and October 2017 gauging events are presented with TOC elevations in **Table 2** (**Appendix B**). Groundwater gradient maps for the May and October 2017 gauging events are included as **Figure 4A** and **4B** (**Appendix A**), respectively.

2.4 Groundwater Data Evaluation

Apex compared BTEX concentrations or laboratory practical quantitation limits (PQLs) associated with the groundwater samples collected from the monitoring wells during the May and October 2017 sampling events to the New Mexico WQCC *GQSs*. The results of the groundwater sample



analyses are summarized in **Table 1** of **Appendix B**. Groundwater Quality Standard Exceedance Zone maps are provided as **Figures 5A** and **5B** of **Appendix A**.

May 2017 Sample Results:

Monitoring well MW-47 was not sampled due to structural damage. Monitoring well MW-55 was also not sampled due to an apparent obstruction in the well casing.

The groundwater samples collected from monitoring wells MW-7 and MW-37 exhibited benzene concentrations of 27 micrograms per liter (μ g/L) and 1,100 μ g/L, respectively, which exceed the WQCC *GQS* of 10 μ g/L. The groundwater samples collected from monitoring wells MW-16, MW-39, MW-48, and MW-51 exhibited benzene concentrations ranging from 1.3 μ g/L (MW-51) to 3.1 μ g/L (MW-16 and MW-48), which are below the WQCC *GQS* of 10 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit benzene concentrations above the laboratory PQLs, which are below the WQCC *GQS* of 10 μ g/L.

The groundwater samples collected from Site monitoring wells did not exhibit toluene concentrations above the laboratory PQLs, which are below the WQCC GQS of 750 μ g/L.

The groundwater samples collected from monitoring wells MW-37 and MW-48 exhibited ethylbenzene concentrations of 480 μ g/L and 1.7 μ g/L, respectively, which are below the WQCC *GQS* of 750 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit ethylbenzene concentrations above the laboratory PQLs, which are below the WQCC *GQS* of 750 μ g/L.

The groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 2,200 μ g/L, which is above the WQCC GQS of 620 μ g/L. The groundwater sample collected from monitoring well MW-48 exhibited a total xylenes concentration of 1.6 μ g/L, which is below the WQCC GQS of 620 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit total xylenes concentrations above the laboratory PQLs, which are below the WQCC GQS of 620 μ g/L.

Data Qualifier Flags									
Sample ID	Data Qualifier Flag	Comments/Reactions							
MW-42 (collected 5/17/2017)	Sample Diluted Due to Matrix.	The sample was diluted due to matrix interference.							

October 2017 Sample Results:

Monitoring well MW-42 was not sampled due to insufficient water. Monitoring well MW-47 was not sampled due to structural damage. Monitoring well MW-55 was not sampled due to an apparent obstruction in the well casing. Monitoring wells MW-32 and MW-36 were also not sampled due to ongoing remediation activities in Area 3.

The groundwater samples collected from monitoring wells MW-7, MW-37, and MW-48 exhibited benzene concentrations ranging from 28 μ g/L (MW-48) to 1,300 μ g/L (MW-7), which exceed the WQCC *GQS* of 10 μ g/L. The groundwater samples collected from monitoring wells MW-15, MW-41, and MW-51 exhibited benzene concentrations ranging from 1.0 μ g/L (MW-15 and MW-51) to 3.8 μ g/L (MW-41), which are below the WQCC *GQS* of 10 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit benzene concentrations above the laboratory



PQLs, which are below the WQCC GQS of 10 µg/L.

The groundwater samples collected from the monitoring wells did not exhibit toluene concentrations above the laboratory PQLs, which are below the WQCC GQS of 750 μ g/L.

The groundwater samples collected from monitoring wells MW-7, MW-37, and MW-48 exhibited ethylbenzene concentrations ranging from 17 μ g/L (MW-7 and MW-48) to 280 μ g/L (MW-37), which are below the WQCC *GQS* of 750 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit ethylbenzene concentrations above the laboratory PQLs, which are below the WQCC *GQS* of 750 μ g/L.

The groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 1,100 μ g/L, which exceeds the WQCC *GQS* of 620 μ g/L. The groundwater sample collected from monitoring well MW-48 exhibited total xylenes concentration of 21 μ g/L, which is below the WQCC *GQS* of 620 μ g/L. The groundwater samples collected from the remaining monitoring wells did not exhibit total xylene concentrations above the laboratory PQLs, which are below the WQCC *GQS* of 620 μ g/L.

	Data Qualifier Flags								
Sample ID	Data Qualifier Flag	Comments/Reactions							
MW-37 (collected 10/17/2017)	SW-846 Method 8021 BTEX Surrogate Recovery was outside the accepted recovery limits.	The BTEX data is suitable for use as an estimated value. The surrogate recovery was slightly outside the accepted "high" limit of 140% with a recovery of 147% due to matrix interference.							

3.0 FINDINGS

Semi-annual groundwater monitoring events were conducted at the Largo Compressor Station during May and October 2017. The objectives of the groundwater monitoring events were to further evaluate the concentrations of COCs in groundwater at the Site.

- At this time, the subsurface hydraulic gradient, the apparent influence of a north trending subsurface paleochannel, and the groundwater analytical data collected from the Site seem to indicate that the petroleum hydrocarbon impact to the shallow groundwater-bearing unit is fully delineated within the monitoring well network.
- Former monitoring wells MW-33 and MW-35, which exhibited NAPL during previous sampling events, were plugged and abandoned during 2015 to facilitate soil remediation activities. These monitoring wells are not scheduled for replacement until the soil remediation activities are completed.
- During the completion of the May and October 2017 sampling events, one (1) groundwater sample was collected from each monitoring well utilizing low-flow or bailer sampling techniques. Monitoring well MW-42 was not sampled due to insufficient water during the October/November event, and monitoring well MW-47 has been damaged and was not sampled during either event. In addition, monitoring well MW-55 was not sampled due to obstruction to the well casing and monitoring wells MW-32 and MW-36 were not sampled due to ongoing remediation activities in Area 3.
- The groundwater flow direction at the Site is generally towards the northwest, with an average gradient of 0.004 ft/ft across the Site.



- During the May 2017 sampling event, the groundwater samples collected from monitoring wells MW-7 and MW-37 exhibited benzene concentrations of 27 µg/L and 1,100 µg/L, respectively, which exceed the WQCC GQS of 10 µg/L. In addition, the groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 2,200 µg/L, which exceeds the WQCC GQS of 620 µg/L.
- During the October 2017 sampling event, the groundwater samples collected from monitoring wells MW-7, MW-37, and MW-48 exhibited benzene concentrations ranging from 28 µg/L (MW-48) to 1,300 µg/L (MW-7), which exceed the WQCC GQS of 10 µg/L. In addition, the groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 1,100 µg/L, which exceeds the WQCC GQS of 620 µg/L.
- Benzene concentrations at monitoring well MW-7 are trending higher over the last three sampling events (10/14/16 through 10/12/17) when compared to the data from 4/24/13 through 4/27/16.
- Benzene concentrations at monitoring well MW-39 continue to exhibit benzene concentration decreases during each of the 2017 monitoring events.
- Monitoring well MW-41 exhibited a detection of benzene (3.8 µg/L). This is the first BTEX constituent detection at this monitoring well.

4.0 RECOMMENDATIONS

Regulatory oversight of the Site is now being shared between the OCD's Santa Fe (District 4) and Aztec (District 3) offices. Enterprise met with OCD District 3 personnel during January and February 2017 and communications are ongoing with regard to remediation activities moving forward.

Based on the results of groundwater monitoring activities, Apex has the following recommendations:

- Report the groundwater monitoring results to the New Mexico EMNRD OCD;
- Continue the execution of corrective actions to reduce the concentrations of COCs in soil to below the New Mexico EMNRD OCD *Remediation Action Levels* in Area 1 and Area 3.
- Reinstall monitoring wells within the primary COC plume areas and enhance the monitoring well network where necessary once the bulk of the affected soils have been removed/remediated; and,
- Increase the sampling frequencies for pertinent portions of the monitoring well network to quarterly monitoring once the Area 3 soil excavation activities are completed.

5.0 STANDARD OF CARE, LIMITATIONS & RELIANCE

Apex's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Apex makes no warranties, expressed or implied, as to the services performed hereunder. Additionally, Apex does not warrant the work of third parties supplying information used in the report (e.g. laboratories,



regulatory agencies, or other third parties). This scope of services was performed in accordance with the scope of work agreed with the client.

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Apex cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Apex's findings and recommendations are based solely upon data available to Apex at the time of these services.

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the expressed written authorization of Enterprise and Apex. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, the report, and Apex's Agreement. The limitation of liability defined in the agreement is the aggregate limit of Apex's liability to the client.



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Topographic Map Smouse Mesa, NM Quadrangle 2013

Project No. 725040112154



Largo Compressor Station NE1/4 and SE1/4, S15 T26N R7W Rio Arriba County, New Mexico 36.4855N, 107.5578W



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FIGURE 2 Site Vicinity Map

Project No. 725040112154



APPENDIX B

Tables



		GR	Largo Co COUNDWATE	TABLE 1 Impressor S R ANALYTICA	tation L SUMMARY			
Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Commmission Grou Standa	Quality Control undwater Quality ards	NE	10	750	750	620	NE	NE
			Monitoring W	Vells Installed by I	odestar	Section in the section		
	4.04.08	NA	780	13	81	20	4.2	<1.0
	8.10.09	NA	35	<1.0	3.8	<2.0	NA	NA
P-3	11.24.09	NA	1.4	<1.0	1.5	<2.0	NA	NA
	2.25.10	NA	3.6	10	2	24	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	13	<1.0	1.3	6.4	1.4	1
	8.26.10	NA	5.0	<1.0	<1.0	2.3	0.46	<1.0
	11.18.10	NA	3.9	<1.0	<1.0	<2.0	0.47	<1.0
	2.1.11	NA	2.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	7.28.11	NA	1.5	<1.0	<1.0	7.1	1.50	<1.0
	10.27.11	NA	1.1	<1.0	<1.0	<2.0	0.57	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
MW-3R (P-3*)	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	0.36	<1.0
	10.19.12	NA	<1.0	<1.0	1.2	2.8	0.48	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	2.8	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10 11 17	ΝΑ	<10	<10	<10	<20	ΝΔ	NΙΔ



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Toluene Benzene Ethylbenzene **Xylenes** TPH TPH Solids (µg/L) GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L)(mg/L) **New Mexico Water Quality Control Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 8.10.09 NA <1.0 <1.0 <1.0 <2.0 NA NA 11.24.09 NA <1.0 <1.0 <2.0 <1.0 NA NA 2.25.10 NA <1.0 NA <1.0 <1.0 <2.0 NA 4.05.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 5.27.10 NA <1.0 <1.0 <1.0 <2.0 NA NA 7.13.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 8.26.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 11.18.10 NA <1.0 <2.0 < 0.05 <1.0 <1.0 <1.0 1.31.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.19.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.28.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.27.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 1.27.12 NA <1.0 <2.0 <1.0 <1.0 < 0.050 <1.0 MW-6 4.19.12 NA <1.0 <2.0 < 0.050 <1.0 <1.0 <1.0 7.31.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.18.12 8,420 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.22.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.27.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.29.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.26.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.27.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.14.16 NA <1.0 <1.0 <1.0 <1.5 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.12.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO (µg/L) (µg/L) (µg/L) (µg/L) (mg/L)(mg/L) (mg/L) New Mexico Water Quality Control **Commission Groundwater Quality** NE 10 750 750 620 NE NE Standards 8.10.09 NA 15,000 <100 380 310 NA NA 11.24.09 NA 13,000 <100 150 <200 NA NA 2.25.10 NA NA 3,000 <10 40 31 NA 4.05.10 NA 940 <10 <10 <20 4.2 1.3 700 NA 5.27.10 NA <10 11 <20 NA 7.13.10 NA 15,000 <10 130 25 51 4.6 8.26.10 NA 5,300 <20 <40 35 18 1.7 11.18.10 NA 3,700 <20 62 <40 11 1.2 2.2 2.1.11 NA 1,800 <1.0 10 4.6 <1.0 0.75 4.19.11 NA 250 <1.0 2.9 2.4 <1.0 5.19.11 NA 1,400 <5.0 15.0 <10 4.0 <1.0 NA 200 62.0 7.28.11 75 <5.0 45 2.7 10.28.11 NA 1,300 <10 140 <20 32 6.1 MW-7 1.31.12 NA 9,000 <10 110 <20 21 4.5 4.19.12 NA 790 <10 15 <20 2.7 <1.0 7.31.12 NA 2,500 <10 35 <20 6.4 <1.0 10.19.12 NA 8,200 <10 130 36.0 32 2.5 4.24.13 NA 120 <1.0 2.1 <2.0 0.60 <1.0 10.25.13 NA 45 <1.0 <1.0 <2.0 0.19 <1.0 4.22.14 NA 43 <1.0 0.13 <1.0 <1.0 3.1 10.29.14 2.3 NA NA <1.0 <1.0 <2.0 NA 5.6.15 NA 24 <1.0 <1.0 <2.0 NA NA 10.28.15 NA 25 <1.0 <1.0 3.6 NA NA 4.27.16 NA <1.0 <2.0 NA NA 7.0 <1.0 10.14.16 NA 500 <1.0 6.7 2.3 NA NA 5.18.17 NA 27 <1.0 <1.0 <2.0 NA NA 10.12.17 NA 1,300 <1.0 17 <2.0 NA NA



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved	Benzene	Toluene	Ethylbenzene	Xylenes	TPH	TPH
		Solids	(µg/L)	(µg/L)	(µg/L)	(µg/L)	GRO	DRO
		(mg/L)		Se in the last			(mg/L)	(mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
MIA/ 8	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
1010 -0	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ (µg/L) (µg/L) (µg/L) (mg/L) (mg/L) (mg/L)New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 8.10.09 NA <1.0 <1.0 <1.0 <2.0 NA NA 11.24.09 NA <1.0 <1.0 <1.0 <2.0 NA NA 2.25.10 NA <1.0 <1.0 <1.0 <2.0 NA NA <2.0 <1.0 4.05.10 NA <1.0 <1.0 <1.0 < 0.05 5.27.10 NA <1.0 <1.0 <1.0 <2.0 NA NA 7.13.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 8.26.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 <1.0 <2.0 < 0.05 <1.0 11.18.10 NA <1.0 <1.0 <1.0 1.31.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 4.19.11 NA <1.0 <1.0 < 0.050 <1.0 <1.0 <2.0 7.29.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.27.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 < 0.050 1.27.12 NA <1.0 <1.0 <1.0 <2.0 <1.0 MW-9 4.19.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.31.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.19.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 4.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 10.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.22.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 NA 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA 4.30.15 NA <1.0 <1.0 <2.0 NA NA <1.0 10.26.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.27.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.14.16 NA <1.0 <1.0 <1.0 <1.5 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.12.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** TPH Sample I.D. Date Total Dissolved Toluene Ethylbenzene **Xylenes** TPH Benzene Solids GRO DRO $(\mu g/L)$ (µg/L) (µg/L) (µg/L) (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.04.08 NA 15,000 2,100 380 4.600 120 6.8 170 NA 8.10.09 NA 9,800 110 1,400 NA P-2 11.24.09 NA 21,000 360 460 2,700 NA NA 2.25.10 NA NA 19,000 380 380 2,800 NA 4.05.10 NA <1.0 <1.7 <1.0 3.3 0.22 <1.0 5.27.10 NA 4.4 <1.0 <1.0 <2.0 NA NA 700 3.6 1.2 7.13.10 NA 4.5 11 56 <1.0 8.26.10 NA 86 <1.0 4.9 0.4 1.3 11.18.10 NA <1.0 <1.0 <1.0 <2.0 0.14 <1.0 2.4.11 NA 21 <1.0 <1.0 <1.0 0.075 <1.0 4.19.11 NA 96 12 1.2 27 0.39 <1.0 MW-11 (P-2*) 7.28.11 NA 46 <1.0 38 76 1.7 11 NA 1,600 37 2.2 10.28.11 <10 31 4.6 1.31.12 NA 470 <10 12 <20 1.3 <1.0 4.19.12 NA 84 <1.0 3.2 <2.0 0.43 <1.0 7.31.12 NA 36 <1.0 2.6 <2.0 0.24 <1.0 10.19.12 NA 1,100 <1.0 11 41 5.3 <1.0 4.24.13 NA 40 <1.0 1.5 <2.0 0.14 <1.0 9.6.13 Monitor well was removed during remediation.



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Sample I.D. Total Dissolved Ethylbenzene TPH TPH Date Benzene Toluene **Xylenes** Solids $(\mu g/L)$ (µg/L) GRO DRO (µg/L) (µg/L) (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.04.08 NA 5,700 2,200 310 5,500 53 <1.0 8.10.09 NA NAPL NAPL NAPL NAPL NAPL NAPL P-1 11.24.09 NA NAPL NAPL NAPL NAPL NAPL NAPL 2.25.10 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.05.10 NA 1,300 1,600 110 2,200 20 1.2 5.27.10 NA 3,300 1,800 180 3,200 NA NA 7.13.10 NA 2,900 330 140 1,700 22 1.0 8.26.10 NA 1,200 70 1,300 <1.0 420 13 11.18.10 NA 720 6.3 <1.0 1,100 69 61 2.4.11 NA 5,900 <50 470 1,600 24 <1.0 4.19.11 NA 4,200 190 <100 330 14 <1.0 5.19.11 NA 1,000 520 36 660 13 15 MW-12 (P-1*) NA 12,000 2,300 320 3,200 54 3.9 7.28.11 10.28.11 NA 29 7.3 4,900 59 130 3,300 1.31.12 NA 4,400 62 110 1,500 18 11 4.19.12 NA 4,300 53 150 930 22 5.8 7.31.12 NA <50 920 17 4,600 160 3.3 NA NAPL NAPL NAPL NAPL NAPL 10.19.12 NAPL 4.24.13 NA 6,900 150 96 850 23 5.8 9.6.13 Monitor well was removed during remediation.



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L)(mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.04.08 NA <1.0 <1.0 <1.0 <2.0 0.1 <1.0 8,10,09 NA <1.0 <1.0 <1.0 <2.0 NA NA P-5 11.24.09 NA <1.0 <1.0 <1.0 <2.0 NA NA 2.25.10 NA 1.8 6.1 11 NA NA <1.0 4.05.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 5.27.10 NA <1.0 <1.0 <1.0 <2.0 NA NA 7.13.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 < 0.05 <1.0 8.26.10 NA <1.0 <1.0 <2.0 <1.0 NA <1.0 <2.0 < 0.05 <1.0 11.18.10 <1.0 <1.0 2.3.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.19.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.28.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 10.27.11 NA <1.0 <1.0 <2.0 < 0.050 <1.0 1.30.12 <1.0 NA <1.0 <1.0 <1.0 <2.0 < 0.050 4.19.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-13 (P-5*) 7.31.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 < 0.050 4.24.13 <1.0 NA <1.0 <1.0 <1.0 <2.0 10.25.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.22.14 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 10.27.14 NA <1.0 <1.0 <1.0 <2.0 NA NA NA 4.29.15 NA <1.0 <1.0 <1.0 <2.0 NA 10.23.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.27.16 NA <1.0 <1.0 <1.0 <2.0 NA NA NA 10.14.16 NA <1.0 <1.0 <1.0 <1.5 NA 5.18.17 NA <1.0 NA <1.0 <1.0 <2.0 NA NA 10.17.17 NA <1.0 <1.0 <1.0 <2.0 NA



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Toluene Sample I.D. Date Total Dissolved Benzene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L) (mg/L)New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.04.08 NA <1.0 <1.0 <1.0 <2.0 0.42 <1.0 8.10.09 NA <1.0 <1.0 <1.0 <2.0 NA NA P-4 11.24.09 NA <1.0 <1.0 <1.0 <2.0 NA NA 2.25.10 2.5 7.5 NA NA <1.0 14 NA 4.05.10 NA <1.0 <1.0 <2.0 < 0.05 <1.0 <1.0 5.27.10 NA <1.0 <1.0 <1.0 <2.0 NA NA 7.13.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 8.26.10 < 0.05 <1.0 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 11.18.10 NA <1.0 <1.0 <1.0 <2.0 2.1.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.19.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.28.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 < 0.050 10.27.11 NA <1.0 <1.0 <1.0 <2.0 <1.0 1.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.19.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-14 (P-4*) 7.31.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 <1.0 10.18.12 NA <1.0 <1.0 <2.0 < 0.050 4.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.25.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.22.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.27.14 NA <1.0 <2.0 NA NA <1.0 <1.0 4.29.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.26.15 NA <1.0 <1.0 <1.0 <2.0 NA NA

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

<2.0

<1.5

<2.0

<2.0

NA

NA

NA

NA

NA

NA

NA

NA

4.27.16

10.13.16

5.18.17

10.11.17

NA

NA

NA

NA

<1.0

<1.0

<1.0

<1.0



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Total Dissolved Date Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids (µg/L) (µg/L) (µg/L) (µg/L) GRO DRO (mg/L)(mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.05.10 NA 1.1 <1.0 <1.0 <2.0 < 0.05 <1.0 5.27.10 NA <1.0 <1.0 <1.0 <2.0 < 0.05 <1.0 7.13.10 NA 490 2.2 7.2 15 3.2 <1.0 8.26.10 NA 20 <1.0 <2.0 0.095 <1.0 <1.0 11.18.10 NA 8.9 <1.0 <1.0 <2.0 0.19 <1.0 2.1.11 NA 16 <1.0 <1.0 <2.0 0.06 <1.0 4.18.11 NA 13 <1.0 <1.0 <2.0 0.14 <1.0 7.28.11 NA <1.0 19 20 6.7 <1.0 1500 810 10.28.11 NA <10 <10 <20 2.2 1.0 1.30.12 NA 150 <10 <10 <20 0.51 <1.0 4.18.12 NA 23 <1.0 1.4 <2.0 0.21 <1.0 **MW-15** NA 64 <2.0 0.22 <1.0 7.31.12 <1.0 1.1 10.19.12 NA 400 <1.0 7.2 7.8 2.0 <1.0 4.24.13 NA <1.0 <1.0 <2.0 0.094 <1.0 6.4 10.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.21.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.29.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.26.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.27.16 NA <1.0 NA NA <1.0 <1.0 <2.0 10.13.16 NA 28 <1.0 <1.0 <1.5 NA NA 5.18.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.11.17 NA <1.0 1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY									
Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	
New Mexico Wat Commmission Gi Stan	New Mexico Water Quality Control Commmission Groundwater Quality Standards		10	750	750	620	NE	NE	
	4.05.10	NA	3.8	1.5	1.4	11	0.36	<1.0	
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	7.13.10	NA	47	<1.0	<1.0	<2.0	0.3	<1.0	
	8.26.10	NA	16	<1.0	<1.0	<2.0	0.095	<1.0	
	11.18.10	NA	3.4	<1.0	<1.0	<2.0	0.11	<1.0	
	2.1.11	NA	61	<1.0	1.3	2.1	0.20	<1.0	
	4.18.11	NA	34	<1.0	3.7	4.4	0.16	<1.0	
	7.28.11	NA	43	<1.0	1.9	<2.0	0.29	<1.0	
	10.27.11	NA	21	<1.0	<1.0	<2.0	0.19	<1.0	
	1.30.12	NA	10	<1.0	<1.0	<2.0	0.096	<1.0	
	4.18.12	NA	20	<1.0	1.0	<2.0	0.14	<1.0	
MW-16	7.31.12	NA	46	<1.0	1.9	<2.0	0.23	<1.0	
	10.19.12	NA	100	<1.0	3.9	<2.0	0.38	<1.0	
	4.24.13	NA	10	<1.0	<1.0	<2.0	0.097	<1.0	
	10.28.13	NA	11	<1.0	1.2	<2.0	0.052	<1.0	
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	4.29.15	NA	1.6	<1.0	<1.0	<2.0	NA	NA	
	10.26.15	NA	3.0	<1.0	<1.0	<2.0	NA	NA	
	4.27.16	NA	6.5	<1.0	1.1	<2.0	NA	NA	
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA	
	5.19.17	NA	3.1	<1.0	<1.0	<2.0	NA	NA	
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY									
Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	
New Mexico Wate Commmission Gr Stand	er Quality Control oundwater Quality dards	NE	10	750	750	620	NE	NE	
		Monitoring We	ells installed by A	pex TITAN (forme	ly Southwest Geos	cience)	All also a straight		
TSW-31	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	
	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	
MIA/_32	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	
10100-52	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	< 0.050	<1.0	
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA	
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA	
	10.17.17	NA	NS	NS	NS	NS	NS	NS	
	1.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	4.20.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	7.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	10.26.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	1.27.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	4.18.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
10100	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
WW-33	10.19.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	4.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	10.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	4.21.14	NA NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	10.27.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
	4.20.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL	
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TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Total Dissolved Toluene TPH TPH Sample I.D. Date Benzene Ethylbenzene **Xylenes** Solids (µg/L) GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 1.28.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.19.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.29.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.26.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 1.27.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.18.12 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.16.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-34 10.25.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.24.14 <1.0 <1.0 <2.0 NA <1.0 < 0.050 <1.0 10.29.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.1.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.23.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10,19,16 <1.0 <1.0 NA NA <1.0 <2.0 NA 5.22.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.13.17 NA <1.0 <1.0 <1.0 <2.0 NA NA NAPL NAPL NAPL NAPL NAPL NAPL 1.28.11 NA 4.20.11 NA NAPL NAPL NAPL NAPL NAPL NAPL 7.28.11 NAPL NA NAPL NAPL NAPL NAPL NAPL NAPL NAPL 10.26.11 NA NAPL NAPL NAPL NAPL NAPL 1.27.12 NA NAPL NAPL NAPL NAPL NAPL 4.18.12 NA NAPL NAPL NAPL NAPL NAPL NAPL 7.30.12 NA NAPL NAPL NAPL NAPL NAPL NAPL MW-35 10.19.12 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.23.13 NAPL NAPL NAPL NAPL NAPL NAPL NA 10.23.13 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.21.14 NA NAPL NAPL NAPL NAPL NAPL NAPL 10.27.14 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.28.15 NA NAPL NAPL NAPL NAPL NAPL NAPL 10.22.15 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.29.16 Monitoring well removed during October 2015 remediation


TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Total Dissolved TPH TPH Sample I.D. Date Benzene Toluene Ethylbenzene **Xylenes** Solids $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ GRO DRO (mg/L)(mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 1.31.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 4.20.11 NA <1.0 2.1 <1.0 <2.0 < 0.050 NA <2.0 < 0.050 <1.0 7.29.11 <1.0 <1.0 <1.0 <1.0 10.27.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 1.27.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 10.17.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-36 NA <1.0 <1.0 < 0.050 <1.0 10.25.13 <1.0 <2.0 4.24.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.29.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.1.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.23.15 <2.0 NA <1.0 <1.0 <1.0 NA NA NA 5.2.16 NA <1.0 <1.0 <1.0 <2.0 NA 10.17.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.17.17 NS NS NS NS NS NS NA 2.4.11 NA 3,100 6,200 700 7,000 38 3.9 4.20.11 NA 2,500 500 5,100 34 4.2 3,600 NAPL NAPL NA NAPL NAPL NAPL NAPL 7.28.11 10.26.11 NA NAPL NAPL NAPL NAPL NAPL NAPL 1.27.12 NA NAPL NAPL NAPL NAPL NAPL NAPL 4.18.12 NA NAPL NAPL NAPL NAPL NAPL NAPL NAPL 7.30.12 NA NAPL NAPL NAPL NAPL NAPL NAPL NAPL 10.19.12 NA NAPL NAPL NAPL NAPL 4.23.13 NA 670 260 230 1,100 13 4.1 MW-37 10.29.13 NA 580 170 150 610 10 7.7 120 7.2 4.24.14 NA 740 49 450 4.9 10.30.14 NA 770 <20 140 510 NA NA 220 330 5.7.15 NA 1,500 1,300 NA NA 10.23.15 21 NA 1.000 360 2,000 NA NA 5.2.16 NA 820 <10 180 NA NA 510 11.8.16 NA 590 <10 340 1,600 NA NA 5.24.17 NA 1,100 <10 480 2,200 NA NA 10.17.17 NA 750 <5.0 280 1,100 NA NA

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TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene TPH TPH **Xylenes** Solids $(\mu g/L)$ (µg/L) (µg/L) (µg/L) GRO DRO (mg/L)(mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 1.26.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.20.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.29.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.27.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 1.27.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.30.12 <1.0 NA <1.0 <1.0 <1.0 <2.0 < 0.050 10.17.12 3.000 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 **MW-38** 10.24.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.24.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.22.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.19.16 NA <1.0 <1.0 <2.0 NA NA <1.0 5.23.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.13.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 1.26.11 NA 1,200 730 37 570 11 <1.0 4.19.11 NA 120 <1.0 1.6 5.9 0.33 <1.0 7.29.11 NA 27 14 1.9 18 0.80 <1.0 10.27.11 NA 260 <1.0 1.2 3.5 0.44 <1.0 1.27.12 NA 580 48 4.3 79 1.8 <1.0 4.18.12 NA 1,500 620 36 860 12 112 7.30.12 NA 170 <2.0 <2.0 8.6 0.58 <1.0 <1.0 10.17.12 NA 13 <2.0 <2.0 <4.0 < 0.10 4.23.13 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 MW-39 10.23.13 NA 18 <1.0 <1.0 <2.0 0.11 <1.0 4.23.14 NA 9.6 <1.0 <1.0 <2.0 0.056 <1.0 10.29.14 NA 5.5 <1.0 <1.0 <2.0 NA NA NA 25 <1.0 <1.0 NA NA 5.7.15 3.1 10.29.15 NA 13 <1.0 <1.0 <2.0 NA NA 4.28.16 NA 9.8 <1.0 <1.0 <2.0 NA NA 10.17.16 NA 4.1 <1.0 <1.0 <2.0 NA NA 5.22.17 NA 1.9 <1.0 <1.0 <1.5 NA NA NA <1.0 10.12.17 <1.0 <1.0 <1.5 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** TPH TPH Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene **Xylenes** Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commission Groundwater Quality** NE 10 750 750 620 NE NE Standards 1.28.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.20.11 <2.0 NA <2.0 <2.0 <4.0 < 0.10 <1.0 MW-40 ** 7.28.11 NA Dry Dry Dry Dry Dry Dry 10.26.11 NA Dry Dry Dry Dry Dry Dry 1.27.12 NA Dry Dry Dry Drv Dry Dry 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7,930 < 0.050 10.16.12 <1.0 <1.0 <1.0 <2.0 <1.0 4.23.13 <2.0 < 0.050 <1.0 NA <1.0 <1.0 <1.0 10.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 **MW-40**R 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.30.15 NA <1.0 <2.0 NA NA <1.0 <1.0 <2.0 NA 10.28.15 NA <1.0 <1.0 <1.0 NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.14.16 NA <1.0 <1.0 <1.0 <1.5 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA NA 10.12.17 <2.0 NA NA <1.0 <1.0 <1.0 1.31.11 NA < 5.0 <5.0 <5.0 <10 < 0.25 <1.0 4.18.11 NA <5.0 <5.0 <5.0 <10 < 0.25 <1.0 7.29.11 NA <5.0 <5.0 <5.0 <10 < 0.050 <1.0 10.27.11 NA <1.0 <2.0 < 0.050 <1.0 <1.0 <1.0 NA <2.0 <1.0 1.27.12 <1.0 <1.0 <1.0 < 0.050 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.16.12 30,200 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <1.0 <1.0 <1.0 MW-41 10.23.13 <1.0 NA <1.0 <1.0 <2.0 < 0.050 <1.0 NA < 0.050 <1.0 4.23.14 <1.0 <1.0 <1.0 <2.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA NA <2.0 NA NA 4.28.15 <1.0 <1.0 <1.0 10.26.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.2.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.19.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.12.17 NA 3.8 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Toluene TPH TPH Benzene Ethylbenzene **Xylenes** Solids $(\mu g/L)$ (µg/L) (µg/L) (µg/L) GRO DRO (mg/L)(mg/L) (mg/L)**New Mexico Water Quality Control Commission Groundwater Quality** NE 10 750 750 620 NE NE Standards 2.4.11 NA <5.0 <5.0 <5.0 <10 <0.25 NA 3.3.11 75,400 NA NA NA NA NA NA 4.19.11 NA < 5.0 <5.0 <5.0 <10 < 0.25 <1.0 7.28.11 NA Dry Dry Dry Dry Dry Dry 10.26.11 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 1.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 Dry 7.30.12 NA Dry Dry Dry Dry Dry 10.16.12 NA Dry Dry Dry Dry Dry Dry MW-42 4.23.13 NA Dry Dry Dry Dry Dry Dry 10.23.13 NA Dry Dry Dry Dry Dry Dry 4.21.14 NA Insufficient water to collect sample 10.29.14 NA Insufficient water to collect sample. 4.28.15 NA Insufficient water to collect sample. 10.22.15 NA Insufficient water to collect sample. 5.2.16 NA <1.0 <1.0 NA NA <1.0 <2.0 10.17.16 NA Insufficient water to collect sample. 5.17.17 NA <5.0 <5.0 <5.0 <10 NA NA 10.17.17 NA Insufficient water to collect sample. 1.28.11 NA <1.0 <1.0 <1.0 <2.0 0.06 <1.0 <1.0 4.19.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 7.29.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.26.11 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 1.27.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 10.16.12 7,630 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <5.0 <5.0 <5.0 <10 < 0.25 <1.0 MW-43 10.24.13 NA <5.0 <5.0 <5.0 <10 < 0.25 <1.0 4.24.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.29.14 NA <1.0 <2.0 NA NA <1.0 <1.0 4.30.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.22.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.2.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.17.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.19.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.13.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Total Dissolved Sample I.D. Date Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ (µg/L) (µg/L) (µg/L) (mg/L)(mg/L)(mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards TSW-44 11.18.10 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 TSW-45 11.18.10 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 TSW-46 11.23.10 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 1.28.11 NA < 5.0 <5.0 < 5.0 <10 1.3 2.5 <10 2.0 1.2 4.18.11 NA < 5.0 <5.0 <5.0 7.28.11 NA < 5.0 <5.0 <5.0 27.0 6.6 1.1 10.28.11 NA <5.0 <5.0 2.7 <5.0 <10 1.4 1.30.12 NA <5.0 <5.0 <10 2.6 2.5 <5.0 4.18.12 NA 11 < 5.0 16 38 5.5 2.9 <20 2.9 7.31.12 NA <10 <10 <10 4.5 MW-47 10.18.12 NA <5.0 <5.0 <5.0 91 12 1.8 2.3 4.24.13 NA < 5.0 <5.0 5.0 <10 6.4 10.24.13 NA <5.0 <10 9.1 190 8.9 4.7 4.28.14 NA 700 < 5.0 27 <10 8.5 4.0 750 <20 10.29.14 NA <10 29 NA NA 5.7.15 NA 420 <10 25 <20 NA NA 10.29.15 NA 92 <1.0 21 2.8 NA NA 4.28.16 Monitoring well damaged 4.18.12 NA 3.200 360 5.000 25 290 1.3 7.30.12 NA 120 1,100 160 2.900 15 <1.0 8.5 10.17.12 NA 190 580 150 1,700 <1.0 170 4.23.13 NA 140 < 5.0 310 2.9 <1.0 10.29.13 NA 67 <5.0 51 83 0.87 <1.0 NA 0.25 <1.0 4.28.14 9.2 <1.0 7.8 15 MW-48 10.30.14 NA 48 <1.0 40 60 NA NA 5.7.15 NA 3.1 <1.0 3.8 5.6 NA NA 10.27.15 NA 51 <1.0 33 53 NA NA 4.28.16 NA 2.0 <1.0 1.9 2.9 NA NA 10.17.16 NA 26 <1.0 17 26 NA NA 5.23.17 NA 1.7 NA NA 3.1 <1.0 1.6 10.17.17 NA 28 <1.0 17 NA NA 21



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Toluene Sample I.D. Date Total Dissolved Benzene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ (µg/L) (µg/L) (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 NA < 0.050 10.17.12 <1.0 <1.0 <1.0 <2.0 <1.0 4.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.25.13 NA < 0.050 <1.0 <1.0 <1.0 <2.0 <1.0 4.24.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-49 10.30.14 NA <1.0 <1.0 <2.0 <1.0 NA NA 5.6.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.27.15 NA <10 <1.0 <1.0 <2.0 NA NA 4.28.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.20.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.23.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.17.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.18.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.17.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.13 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 10.23.13 NA <1.0 <2.0 < 0.050 <1.0 <1.0 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-50 10.29.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.30.15 NA <2.0 <1.0 <1.0 <1.0 NA NA 10.28.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.14.16 NA <1.0 <1.0 <1.0 <1.5 NA NA 5.22.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.12.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Sample I.D. Date Total Dissolved Benzene Toluene Ethylbenzene **Xylenes** TPH TPH Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ (µg/L) $(\mu g/L)$ (mg/L)(mg/L)(mg/L) New Mexico Water Quality Control **Commission Groundwater Quality** NE 10 750 750 620 NE NE Standards 4.18.12 NA 1,200 3,600 150 1,400 19 <1.0 7.30.12 NA 51 5.5 17 78 1.3 <1.0 10.16.12 NA 14 <1.0 4.8 21 0.16 <1.0 4.23.13 3.0 <1.0 1.5 <2.0 0.078 <1.0 NA 10.23.13 NA 8.2 <1.0 <1.0 <2.0 0.066 <1.0 4.23.14 NA 1.1 <1.0 <1.0 <2.0 < 0.050 <1.0 MW-51 10.28.14 NA 5.3 <1.0 <1.0 <2.0 NA NA <2.0 5.7.15 NA 2.3 <1.0 <1.0 NA NA 10.29.15 <1.0 <1.0 <2.0 NA NA NA 4.9 5.2.16 NA <1.0 <1.0 <2.0 NA NA 1.7 10.19.16 NA 4.9 <1.0 <1.0 <2.0 NA NA 5.19.17 NA 1.3 <1.0 <1.0 <2.0 NA NA 10.12.17 NA <1.0 <1.0 <2.0 NA NA 1.0 4.18.12 NA <1.0 <2.0 < 0.050 <1.0 <1.0 <1.0 7.30.12 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 <2.0 27,000 10.17.12 <1.0 <1.0 <1.0 < 0.050 <1.0 4.23.13 NA 30 <1.0 <1.0 <2.0 0.11 <1.0 10.29.13 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 < 0.050 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 **MW-52** 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.29.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.2.16 <2.0 NA NA NA <1.0 <1.0 <1.0 10.17.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.22.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.13.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Sample I.D. Total Dissolved TPH TPH Date Benzene Toluene Ethylbenzene **Xylenes** Solids GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L)(mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 01.29.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 05.03.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 < 0.050 10.24.13 NA <1.0 <1.0 <1.0 <2.0 <1.0 4.24.14 < 0.050 <1.0 NA <1.0 <1.0 <1.0 <2.0 10.30.14 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-53 5.6.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.27.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.17.16 <1.0 NA NA NA <1.0 <1.0 <2.0 5.23.17 NA NA NA <1.0 <1.0 <1.0 <1.5 10.17.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 01.29.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 05.03.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.24.13 NA <1.0 <1.0 <2.0 < 0.050 <1.0 <1.0 4.28.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.30.14 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-54 5.6.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.27.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.16 <1.0 NA NA NA <1.0 <1.0 <2.0 10.20.16 NA <2.0 <2.0 <2.0 <4.0 NA NA NA 5.23.17 NA <1.0 <1.0 <1.0 <1.5 NA 10.17.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 01.29.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 05.03.13 NA <1.0 <1.0 13 710 1.3 <1.0 10.29.13 NA <1.0 <1.0 <2.0 < 0.050 <1.0 1.4 4.28.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.30.14 NA <1.0 <1.0 <2.0 NA NA <1.0 MW-55 5.6.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.27.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.28.16 NA <2.0 NA NA <1.0 <1.0 <1.0 10.17.16 NA <2.0 <2.0 <2.0 NA NA <4.0 5.17.17 NA NS NS NS NS NS NS 10.17.17 NA NS NS NS NS NS NS



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY Sample I.D. Date **Total Dissolved** Toluene Ethylbenzene TPH TPH Benzene **Xylenes** Solids $(\mu g/L)$ GRO DRO $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 01.29.13 NA <2.0 <2.0 <2.0 <4.0 < 0.10 <1.0 4.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.23.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.24.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-75 5.4.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.26.15 NA <2.0 <1.0 <1.0 <1.0 NA NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA <2.0 10.19.16 NA <1.0 <1.0 <1.0 NA NA 5.17.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.17.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 6.3.13 14,200 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.25.13 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <2.0 <2.0 <2.0 <4.0 NA NA 5.4.15 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-76 10.28.15 NA <1.0 <1.0 <2.0 NA NA <1.0 4.29.16 <1.0 <2.0 NA <1.0 <1.0 NA NA 10.20.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.23.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.16.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 6.3.13 17,900 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.23.13 < 0.050 <1.0 NA <1.0 <1.0 <1.0 <2.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA NA <1.0 <1.0 <1.0 <2.0 NA NA 5.4.15 **MW-77** 10.28.15 <1.0 <2.0 NA <1.0 <1.0 NA NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.20.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.23.17 NA <1.0 NA NA <1.0 <1.0 <1.5 10.16.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station **GROUNDWATER ANALYTICAL SUMMARY** Toluene TPH TPH Sample I.D. Date Total Dissolved Benzene Ethylbenzene **Xylenes** Solids $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (µg/L) GRO DRO (mg/L) (mg/L) (mg/L) New Mexico Water Quality Control **Commmission Groundwater Quality** NE 10 750 750 620 NE NE Standards 6.3.13 NA Dry Dry Dry Dry Dry Dry 10.23.13 NA < 0.050 <1.0 <1.0 <1.0 <2.0 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.4.15 NA <1.0 <1.0 <1.0 <2.0 NA NA **MW-79** 10.28.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.2.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.20.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.23.17 NA NA NA <1.0 <1.0 <1.0 <1.5 10.16.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 6.3.13 13,000 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 < 0.050 10.23.13 NA <1.0 <1.0 <1.0 <2.0 <1.0 4.23.14 <2.0 <1.0 NA <1.0 <1.0 <1.0 < 0.050 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.4.15 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-80 10.27.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.2.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.20.16 NA <1.0 <2.0 NA NA <1.0 <1.0 5.22.17 NA <1.0 <1.0 <1.0 <1.5 NA NA 10.16.17 NA <1.0 <1.0 <1.0 <2.0 NA NA 14,500 6.3.13 <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.25.13 <2.0 <1.0 NA <1.0 <1.0 < 0.050 <1.0 4.23.14 NA <1.0 <1.0 <1.0 <2.0 < 0.050 <1.0 10.28.14 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.1.15 NA <1.0 <1.0 <1.0 <2.0 NA NA MW-83 10.28.15 NA <1.0 <1.0 <1.0 <2.0 NA NA 4.29.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 10.19.16 NA <1.0 <1.0 <1.0 <2.0 NA NA 5.22.17 NA <1.0 <1.0 NA NA <1.0 <1.5 10.13.17 NA <1.0 <1.0 <1.0 <2.0 NA NA



TABLE 1 Largo Compressor Station GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved	Benzene	Toluene	Ethylbenzene	Xylenes	TPH	ТРН
		Solids	(µg/L)	(µg/L)	(µg/L)	(µg/L)	GRO	DRO
the second second								
	and the second sec	(mg/L)	and the second of the second		Contraction of the second		(mg/L)	(mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MVV-88	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.0 <1.5		NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-89	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MVV-90	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

Note: Concentrations in **bold** and yellow exceed the applicable WQCC GQS

µg/L = micrograms per liter

mg/L = milligrams per liter

NA = Not Analyzed

NE = Not Established

NS = Not Sampled

NAPL = Non-aqueous phase liquid

* = piezometer well was replaced with associated monitoring well

** = Monitoring well MW-40 was replaced by MW-40R

1 = Monitoring well inaccessible due to 2017 excavation activities



TABLE 2

Largo Compressor Station GROUNDWATER ELEVATIONS

		Top-of-Casing Elevation	Depth to PSH	Depth to Water	PSH Thickness	Corrected Groundwater
Monitoring Well ID	Measurement Date	(feet)	(feet)	(feet)	(feet)	Elevation'
	4.5.10		None Observed	21.83	0.0	6095.65
	5.27.10		None Observed	21.82	0.0	6095.66
	6.25.10		None Observed	22.22	0.0	6095.26
	7.13.10		None Observed	22.47	0.0	6095.01
	8.26.10		None Observed	22.24	0.0	6095.24
	11.18.10		None Observed	22.32	0.0	6095.16
	1.25.11		None Observed	22.13	0.0	6095.35
	4.22.11		None Observed	21.99	0.0	6095.49
	7.27.11		None Observed	22.81	0.0	6094.67
	10.26.11		None Observed	22.91	0.0	6094.57
	1.26.12		None Observed	22.74	0.0	6094.74
MW-3R	4.19.12	6117.48	None Observed	22.61	0.0	6094.87
	7.31.12		None Observed	22.66	0.0	6094.82
	10.18.12		None Observed	23.04	0.0	6094.44
	4.24.13		None Observed	22.50	0.0	6094.98
	10.23.13		None Observed	21.12	0.0	6096.36
	4.21.14		None Observed	21.97	0.0	6095.51
	10.27.14		None Observed	22.20	0.0	6095.28
	4.28.15		None Observed	21.83	0.0	6095.65
	10.20.15		None Observed	21.96	0.0	6095.52
	4.08.16		None Observed	21.60	0.0	6095.88
	10.07.16		None Observed	22.44	0.0	6095.04
	5.17.17		None Observed	21.70	0.0	6095.78
	10.10.17		None Observed	22.32	0.0	6095.16
	8.10.09		None Observed	20.28	0.0	6095.19
	11.24.09	1	None Observed	20.17	0.0	6095.30
	2.25.10	1	None Observed	19.54	0.0	6095.93
	4.5.10	1	None Observed	19.11	0.0	6096.36
	5.27.10	1	None Observed	19.28	0.0	6096.19
	6.25.10	1	None Observed	19.87	0.0	6095.60
	7.13.10	1	None Observed	20.09	0.0	6095.38
	8.26.10	1	None Observed	19.68	0.0	6095.79
	11.18.10	1	None Observed	19.72	0.0	6095.75
	1.25.11	1	None Observed	19.51	0.0	6095.96
	4.22.11	1	None Observed	19.42	0.0	6096.05
	7.27.11]	None Observed	20.40	0.0	6095.07
	10.26.11]	None Observed	20.43	0.0	6095.04
MW-6	1.26.12	6115.47	None Observed	20.15	0.0	6095.32
	4.19.12]	None Observed	Not Gauged	0.0	Not Gauged
	7.31.12]	None Observed	19.93	0.0	6095.54
	10.18.12		None Observed	20.47	0.0	6095.00
	4.24.13]	None Observed	19.89	0.0	6095.58
	10.23.13]	None Observed	19.42	0.0	6096.05
	4.21.14		None Observed	19.34	0.0	6096.13
	10.27.14]	None Observed	19.50	0.0	6095.97
	4.28.15]	None Observed	19.12	0.0	6096.35
	10.20.15]	None Observed	19.32	0.0	6096.15
	4.08.16]	None Observed	19.02	0.0	6096.45
	10.07.16	1	None Observed	19.89	0.0	6095.58
	5.17.17	1	None Observed	19.06	0.0	6096.41
	10.10.17		None Observed	19.64	0.0	6095.83



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing **Corrected Groundwater** Depth to PSH PSH Thickness Elevation Depth to Water Monitoring Well ID Measurement Date (feet) (feet) (feet) (feet) Elevation¹ 8.10.09 None Observed 21.52 0.0 6095.13 11.24.09 None Observed 21.73 0.0 6094.92 2.25.10 None Observed 21.42 0.0 6095.23 20.96 6095.69 4.5.10 None Observed 0.0 5.27.10 None Observed 20.96 0.0 6095.69 6.25.10 21.32 6095.33 None Observed 0.0 7.13.10 None Observed 21.46 0.0 6095.19 8.26.10 None Observed 21.36 0.0 6095.29 None Observed 21.42 6095.23 11.18.10 0.0 None Observed 21.24 0.0 6095.41 1.25.11 4.22.11 21.22 None Observed 00 6095.43 7.27.11 21.80 6094.85 None Observed 0.0 10.26.11 None Observed 21.94 0.0 6094.71 **MW-7** 6116.65 None Observed 21.82 0.0 6094.83 1.26.12 4.19.12 None Observed 21.70 0.0 6094.95 7.31.12 21.88 0.0 6094.77 None Observed 10.18.12 None Observed 22.12 0.0 6094.53 6095.00 4.24.13 None Observed 21.65 0.0 10.23.13 None Observed 21.43 0.0 6095.22 4.21.14 None Observed 21.20 0.0 6095.45 10.27.14 None Observed 21.39 0.0 6095.26 4.28.15 None Observed 20.99 0.0 6095.66 10 20 15 None Observed 21.13 6095.52 0.0 4.08.16 None Observed 20.79 0.0 6095.86 21.58 10.07.16 None Observed 0.0 6095.07 5.17.17 None Observed 20.82 0.0 6095.83 10.10.17 None Observed 21.47 0.0 6095.18 8.10.09 None Observed 23.17 0.0 6095.11 11.24.09 None Observed 23.43 6094.85 0.0 2.25.10 None Observed 23.25 0.0 6095.03 4.5.10 None Observed 22.97 0.0 6095.31 5.27.10 None Observed 22.85 0.0 6095.43 6.25.10 None Observed 23.01 0.0 6095.27 None Observed 7.13.10 0.0 6095.07 23.21 8.26.10 None Observed 23.23 0.0 6095.05 11.18.10 None Observed 23.30 0.0 6094.98 1.25.11 None Observed 23.10 0.0 6095.18 4.22.11 None Observed 22.94 0.0 6095.34 7.27.11 None Observed 23.56 0.0 6094.72 23.75 6094.53 10.26.11 None Observed 0.0 **MW-8** 6118.28 None Observed 23.64 6094.64 1.26.12 0.0 4.19.12 None Observed 23.54 0.0 6094.74 7.31.12 None Observed 23.19 0.0 6095.09 23.96 10.18.12 None Observed 0.0 6094.32 4.24.13 None Observed 23.54 0.0 6094.74 10.23.13 None Observed 23.38 0.0 6094.90 4.21.14 None Observed 22.91 0.0 6095.37 10.27.14 None Observed 23.33 0.0 6094.95 4.28.15 None Observed 22.86 0.0 6095.42 23.10 10 20 15 None Observed 0.0 6095 18 None Observed 22.65 0.0 6095.63 4.08.16 10.07.16 None Observed 23.36 0.0 6094.92 None Observed 22.73 0.0 6095.55 5.17.17 10.10.17 None Observed 23.46 0.0 6094.82



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing Corrected Groundwater Depth to PSH Depth to Water PSH Thickness Elevation Elevation¹ Monitoring Well ID **Measurement Date** (feet) (feet) (feet) (feet) 0.0 6095.88 21.95 8.10.09 None Observed 21.98 6095.85 11.24.09 None Observed 0.0 2.25.10 None Observed 21.51 0.0 6096.32 None Observed 21.00 0.0 6096.83 4.5.10 5.27.10 None Observed 21.10 0.0 6096.73 21.56 6096.27 6.25.10 None Observed 0.0 7.13.10 None Observed 21.77 0.0 6096.06 6096.25 8.26.10 None Observed 21.58 0.0 6096.22 None Observed 21.61 0.0 11 18 10 1.25.11 None Observed 21.43 0.0 6096.40 4.22.11 21.30 6096.53 0.0 None Observed 7.27.11 None Observed 22.15 0.0 6095.68 None Observed 10.26.11 22.25 0.0 6095.58 6117.83 MW-9 22.04 6095.79 None Observed 0.0 1.26.12 None Observed 21.88 0.0 6095.95 4.19.12 7.31.12 None Observed 21.98 0.0 6095.85 22.37 0.0 6095.46 10.18.12 None Observed None Observed 21.79 0.0 6096.04 4.24.13 6096.44 10.23.13 None Observed 21.39 0.0 6096.63 None Observed 21.20 0.0 4.21.14 10.27.14 None Observed 21.48 0.0 6096.35 21.06 6096.77 4 28 15 None Observed 0.0 10.20.15 None Observed 21.27 0.0 6096.56 4.08.16 None Observed 20.85 0.0 6096.98 6096.04 10.07.16 None Observed 21.79 0.0 5.17.17 None Observed 22.90 0.0 6094.93 None Observed 21.73 6096.10 10 10 17 0.0 4.5.10 None Observed 20.57 0.0 6096.08 5.27.10 None Observed 20.75 0.0 6095.90 None Observed 6095.32 21.33 0.0 6.25.10 0.0 6095.11 7.13.10 None Observed 21.54 21.17 6095.48 8.26.10 None Observed 0.0 11.18.10 None Observed 21.16 0.0 6095.49 1.25.11 None Observed 21.02 0.0 6095.63 6095.74 None Observed 20.91 0.0 4.22.11 MW-11 6116.65 7.27.11 None Observed 21.89 0.0 6094.76 10.26.11 21.94 0.0 6094.71 None Observed None Observed 21.64 0.0 6095.01 1.26.12 6095.16 4.19.12 None Observed 21.49 0.0 7.31.12 None Observed 21.49 0.0 6095.16 21.98 None Observed 10.18.12 00 6094 67 21.40 6095.25 4.24.13 None Observed 0.0 9.6.13 Monitoring well was removed during remediation September 2013.



TABLE 2

Largo Compressor Station GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation ¹
	4.5.10		None Observed	14.88	0.0	6096.36
	5.27.10		None Observed	15.11	0.0	6096.13
Monitoring Well ID Measure 4. 5.2 6.2 7.1 8.2 11. 11.2 7.2 10. 1.2 4.1 1.2 10. 1.2 4.1 1.2 4.2 7.2 10. 1.2 4.1 7.3 10. 4.2 9. 4.	6.25.10		None Observed	15.67	0.0	6095.57
	Instruction Top-of-Casing lievation Depth to PSH (feet) Depth to Water (feet) PSH Tricknet (feet) 4.5.10 None Observed 14.88 0.0 5.27.10 None Observed 15.67 0.0 6.25.10 None Observed 15.67 0.0 11.18.10 None Observed 15.67 0.0 11.18.10 None Observed 15.55 0.0 10.26.11 None Observed 15.30 0.0 10.26.12 None Observed 16.30 0.0 10.26.12 None Observed 16.33 0.0 None Observed 16.33 0.0 None Observed 16.33 10.18.12 None Observed 15.83 0.0 16.30 16.31 0.01 4.5.10 None Observed 15.83 0.0 None Observed 15.83 0.0 10.18.12 None Observed 15.83 0.0 16.30 16.31 0.01 11.18.10 None Observed 19.47 0.0 None Observed 19.47	0.0	6095.33			
			None Observed	15.55	0.0	6095.69
	11.18.10	Top-of-Casing Elevation (feet) Depth to PSH (feet) 1.5.10 None Observ 27.10 None Observ 25.10 None Observ 13.10 None Observ 26.10 None Observ 13.10 None Observ 26.10 None Observ 13.10 None Observ 22.11 6111.24 27.11 None Observ 22.11 None Observ 22.11 None Observ 22.11 None Observ 26.12 None Observ 19.12 None Observ 31.12 None Observ 0.18.12 16.30 24.13 None Observ 25.10 None Observ 1.3.10 None Observ 25.10 None Observ 1.11 None Observ 25.10 None Observ 1.13.10 None Observ 22.11 None Observ 22.11 None Observ 26.12 None Observ 19.12 </td <td>None Observed</td> <td>16.58</td> <td>0.0</td> <td>6094.66</td>	None Observed	16.58	0.0	6094.66
	1.25.11		None Observed	15.73	0.0	6095.51
MAL 12	4.22.11	6111.24	None Observed	15.30	0.0	6095.94
10100-12	7.27.11	0111.24	None Observed	16.10	0.0	6095.14
	10.26.11		None Observed	16.21	0.0	6095.03
	1.26.12		None Observed	15.99	0.0	6095.25
	4.19.12		None Observed	15.83	0.0	6095.41
	7.31.12	Top-of-Casing (teet) Depth to PSH (teet) Depth to Water (teet) PSH Thickness (teet) Corrected Groundwater Elevation ¹ None Observed 14.88 0.0 6096.36 None Observed 15.11 0.0 6096.13 None Observed 15.67 0.0 6095.57 None Observed 15.55 0.0 6095.69 None Observed 15.55 0.0 6095.69 None Observed 15.30 0.0 6095.91 None Observed 15.30 0.0 6095.94 None Observed 15.83 0.0 6095.14 None Observed 15.83 0.0 6095.41 None Observed 15.83 0.0 6095.41 None Observed 15.68 0.00 6095.56 Monitoring well was removed during remediation September 2013. 16.30 16.31 0.01 6095.99 None Observed 19.26 0.0 6095.56 None Observed 19.26 0.0 6095.51 None Observed 19.26 0.0 6095	6095.41			
Monitoring Well ID Measuremed 4.5.1 5.27. 6.25. 7.13. 8.26. 11.18 1.25. 7.13. MW-12 7.27. 10.26 1.26. 4.19. 7.31. 10.18 4.24. 9.6.7 5.27. 6.25. 7.13. 10.18 4.24. 9.6.7 5.27. 6.25. 7.13. 8.26. 11.18 1.25. 7.13. 8.26. 11.18 4.24. 9.6.7 5.27. 6.25. 7.13. 8.26. 11.18 1.25. 4.22. 7.27. 10.26 1.26. 11.18 1.25. 4.19. 7.31. 10.23 4.21. 10.23 4.21. 10.20 4.08. 10.007 5.17. 10.10 5.17.	10.18.12		16.30	16.31	0.01	6094.94
MW-12	4.24.13		None Observed	15.68	0.00	6095.56
	9.6.13		Monit	oring well was remove	ed during remediation	September 2013.
	4.5.10		None Observed	19.26	0.0	6096.20
MW-12 MW-13	5.27.10		None Observed	19.47	0.0	6095.99
	6.25.10		None Observed	20.07	0.0	6095.39
	7.13.10		None Observed	20.28	0.0	6095.18
	8.26.10		None Observed	19.86	0.0	6095.60
	11.18.10		None Observed	19.91	0.0	6095.55
	1.25.11		None Observed	19.71	0.0	6095.75
	4.22.11		None Observed	19.65	0.0	6095.81
	7.27.11	None Observed 14.88 0.0 None Observed 15.11 0.0 None Observed 15.67 0.0 None Observed 15.91 0.0 None Observed 15.55 0.0 None Observed 15.73 0.0 None Observed 15.73 0.0 None Observed 15.30 0.0 None Observed 16.21 0.0 None Observed 16.30 0.0 None Observed 15.83 0.0 None Observed 15.83 0.0 None Observed 15.68 0.00 None Observed 19.26 0.0 Mone Observed 19.26 0.0 Mone Observed 19.26 0.0 None Observed 19.26	6094.87			
	4.5.10 None Observed 19.26 0.0 5.27.10 None Observed 19.47 0.0 6.25.10 None Observed 20.07 0.0 7.13.10 None Observed 20.28 0.0 8.26.10 None Observed 19.86 0.0 11.18.10 None Observed 19.91 0.0 1.25.11 None Observed 19.71 0.0 4.22.11 None Observed 19.65 0.0 7.27.11 None Observed 20.59 0.0 10.26.11 None Observed 20.34 0.0	6094.84				
	1.26.12		None Observed	20.34	0.0	6095.12
MM 12	4.19.12	6116 46	None Observed	20.19	0.0	6095.27
10100-13	7.31.12	0115.40	None Observed	20.15	0.0	6095.31
	10.18.12	1	None Observed	20.67	0.0	6094.79
	4.24.13	1	None Observed	20.10	0.0	6095.36
	10.23.13	1	None Observed	19.64	0.0	6095.82
	4.21.14	1	None Observed	19.63	0.0	6095.83
	10.27.14		None Observed	19.77	0.0	6095.69
	4.28.15	1	None Observed	19.37	0.0	6096.09
	10.20.15		None Observed	19.54	0.0	6095.92
	4.08.16		None Observed	19.24	0.0	6096.22
	10.07.16		None Observed	20.13	0.0	6095.33
	5.17.17		None Observed	19.30	0.0	6096.16
	10.10.17		None Observed	19.86	0.0	6095.60



TABLE 2

Largo Compressor Station GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation ¹
	4 5 10		None Observed	20.09	0.0	6095 90
	5 27 10		None Observed	20.28	0.0	6095 71
	6 25 10		None Observed	20.94	0.0	6095.05
	7.13.10		None Observed	21.19	0.0	6094.80
	8.26.10		None Observed	20.70	0.0	6095.29
	11.18.10		None Observed	20.73	0.0	6095.26
	1.25.11		None Observed	20.52	0.0	6095.47
	4.22.11		None Observed	20.45	0.0	6095.54
	7.27.11		None Observed	21.47	0.0	6094.52
	10.26.11	1	None Observed	21.48	0.0	6094.51
	1.26.12	1	None Observed	21.15	0.0	6094.84
NAVA/ 14	4.19.12	6115.00	None Observed	21.00	0.0	6094.99
10100-14	7.31.12	0115.99	None Observed	21.00	0.0	6094.99
	10.18.12	1	None Observed	21.50	0.0	6094.49
	4.24.13	1	None Observed	20.91	0.0	6095.08
	10.23.13	1	None Observed	20.43	0.0	6095.56
	4.21.14		None Observed	21.38	0.0	6094.61
	10.27.14	1	None Observed	20.58	0.0	6095.41
	4.28.15	1	None Observed	20.16	0.0	6095.83
	10.20.15		None Observed	20.36	0.0	6095.63
	4.08.16]	None Observed	20.05	0.0	6095.94
	10.07.16]	None Observed	20.86	0.0	6095.13
	5.17.17		None Observed	20.10	0.0	6095.89
	10.10.17		None Observed	20.70	0.0	6095.29
	4.5.10		None Observed	20.66	0.0	6095.83
	5.27.10]	None Observed	20.82	0.0	6095.67
	6.25.10		None Observed	21.43	0.0	6095.06
	7.13.10		None Observed None Observed	21.64	0.0	6094.85
	8.26.10		None Observed	21.25	0.0	6095.24
	11.18.10		None Observed	21.36	0.0	6095.13
	1.25.11		None Observed	21.07	0.0	6095.42
	4.22.11		None Observed	20.95	0.0	6095.54
	7.27.11		None Observed	21.95	0.0	6094.54
	10.26.11		None Observed	21.98	0.0	6094.51
	1.26.12		None Observed	21.70	0.0	6094.79
MW-15	4.19.12	6116.49	None Observed	21.56	0.0	6094.93
	7.31.12	4	None Observed	Errant Gauge	0.0	Errant Gauge
	10.18.12	4	None Observed	22.05	0.0	6094.44
	4.24.13	1	None Observed	21.50	0.0	6094.99
	4.21.14	1	None Observed	20.92	0.0	6095.57
	10.27.14	1	None Observed	21.17	0.0	6095.32
	4.28.15	4	None Observed	20.74	0.0	6005.75
	10.20.15	1	None Observed	20.90	0.0	6095.59
	4.08.16	4	None Observed	20.58	0.0	6005.91
	10.07.10	4	None Observed	21.48	0.0	6005.01
	5.17.17	4	None Observed	20.65	0.0	6095.84
	10.10.17		None Observed	21.25	0.0	6095.24



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing **Corrected Groundwater** Elevation Depth to PSH Depth to Water **PSH Thickness** Monitoring Well ID **Measurement Date** (feet) (feet) (feet) (feet) Elevation¹ 4.5.10 None Observed 21.51 0.0 6096.06 6065.98 5.27.10 None Observed 51.59 0.0 22.10 6.25.10 None Observed 0.0 6095.47 7.13.10 None Observed 22.29 0.0 6095.28 8.26.10 None Observed 22.05 0.0 6095.52 11.18.10 None Observed 22.11 0.0 6095.46 1.25.11 None Observed 21.87 0.0 6095.70 4.22.11 None Observed 21.76 0.0 6095.81 7.27.11 None Observed 22.66 0.0 6094.91 None Observed 22.71 6094.86 10.26.11 0.0 1.26.12 None Observed 22.50 0.0 6095.07 4.19.12 None Observed 22.38 0.0 6095.19 6117.57 MW-16 Errant Gauge 7.31.12 None Observed Errant Gauge 0.0 10.18.12 None Observed 22.82 0.0 6094.75 4.24.13 None Observed 22.28 6095.29 0.0 10.23.13 None Observed 21.81 0.0 6095.76 None Observed 6095.90 4.21.14 21.67 0.0 6095.63 10.27.14 None Observed 21.94 0.0 21.53 4.28.15 None Observed 0.0 6096.04 None Observed 10.20.15 21.70 0.0 6095.87 4.08.16 None Observed 21.33 0.0 6096.24 None Observed 10.07.16 22.22 0.0 6095.35 None Observed 6096.15 5.17.17 21.42 0.0 22.07 10.10.17 None Observed 0.0 6095.50 12.67 1.25.11 None Observed 0.0 6097.55 4.22.11 6097.73 None Observed 12.49 0.0 7.27.11 None Observed 13.47 0.0 6096.75 6096.66 None Observed 13.56 10.26.11 0.0 1.26.12 None Observed 13.23 0.0 6096.99 6097.17 4.18.12 None Observed 13.05 0.0 7.30.12 None Observed 14.10 0.0 6096.12 10.18.12 None Observed 13.59 0.0 6096.63 None Observed 4.23.13 13.00 0.0 6097.22 MW-32 6110.22 None Observed 12.64 0.0 6097.58 10.23.13 None Observed 12.47 6097.75 4.21.14 0.0 10.27.14 None Observed 12.79 0.0 6097.43 4.28.15 None Observed 12.19 0.0 6098.03 6097.68 10.20.15 None Observed 12.54 0.0 12.15 4.08.16 None Observed 0.0 6098.07 10.07.16 None Observed 12.10 0.0 6098.12 5.17.17 None Observed 12.18 0.0 6098.04 Not Gauged 10.10.17³



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing Corrected Groundwater Elevation Depth to PSH Depth to Water **PSH Thickness** Monitoring Well ID Measurement Date (feet) (feet) (feet) (feet) Elevation¹ 1.25.11* 16.08 16.44 0.36 6097.83 6097 43 16.59 16.60 0.01 4.22.11 16.07 6097.75 7.27.11 16.72 0.65 6098.28 10.26.11 15.55 16.15 0.60 1.26.12 15.83 15.84 0.01 6098.19 4.18.12 Not Gauged 17.29 1.89 6098.03 8.31.12 15.4 MW-33 6114.02 14.39 17.51 3.12 6098.66 10.18.12 12.35 4.23.13 12.31 0.04 6101.70 10.92 14.08 6102.12 10.23.13 3.16 4.21.14 10.47 10.50 0.03 6103.54 11.82 12.47 0.65 6102.00 10 27 14 4.28.15 10.44 11.19 0.75 6103.35 6103.30 10.20.15 10.45 11.31 0.86 4.08.16 Monitoring well was removed during remediation October 2015. 1.25.11 17.38 6097.92 None Observed 0.0 4.22.11 None Observed 17.20 0.0 6098.10 18.23 6097.07 7.27.11 None Observed None Observed 18.32 0.0 6096.98 10.26.11 6097.32 None Observed 17.98 0.0 1.26.12 None Observed 17.78 0.0 6097.52 4.18.12 7.30.12 None Observed 17.80 0.0 6097.50 18.32 6096.98 10 18 12 None Observed 00 4.23.13 None Observed 17.70 0.0 6097.60 MW-34 6115.3 10.23.13 16.32 None Observed 0.0 6098.98 4.21.14 None Observed 17.12 0.0 6098.18 10.27.14 None Observed 17.33 0.0 6097.97 None Observed 16.88 0.0 6098.42 4.28.15 10.20.15 None Observed 16.88 0.0 6098.42 None Observed 16.81 0.0 6098.49 4.08.16 10.07.16 None Observed 17.78 0.0 6097.52 5.17.17 None Observed 16.83 0.0 6098.47 None Observed 17.60 0.0 6097.70 10.10.17 1.25.11' 14.5 14.75 0.25 6097.64 4.22.11 14.22 14.80 0.58 6097.82 7.27.11 15.11 16.36 1.25 6096.72 10.26.11 15.14 16.64 1.50 6096.62 14.72 14.73 6097.50 0.01 1.26.12 4.18.12 Not Gauged 17.49 14.43 6096.84 8 31 12 3 06 MW-35 10.18.12 6112.22 14.65 17.84 3.19 6096.58 10.98 13.05 4.23.13 2.07 6100.60 10.23.13 9.26 12.58 3.72 6102.21 4.21.14 10.84 11.35 0.51 6101.22 10.27.14 10.42 10.98 0.56 6101.63 4.28.15 9.95 10.46 0.51 6102.11 10.20.15 10.64 11.27 0.63 6101.38 Monitoring well was removed during remediation October 2015. 4.08.16



TABLE 2

Largo Compressor Station GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation ¹
	1.25.11		None Observed	13.80	0.0	6097.68
	4.22.11		None Observed	13.65	0.0	6097.83
	7.27.11		None Observed	14.69	0.0	6096.79
	10.26.11		None Observed	14.45	0.0	6097.03
	1.26.12		None Observed	14.41	0.0	6097.07
	4.18.12		None Observed	14.18	0.0	6097.30
	7.30.12		None Observed	14.10	0.0	6097.38
	10.18.12		None Observed	14.76	0.0	6096.72
MAL 26	4.23.13	6111 40	None Observed	14.11	0.0	6097.37
10100-30	10.23.13	0111.40	None Observed	13.75	0.0	6097.73
	4.21.14		None Observed	13.58	0.0	6097.90
	10.27.14		None Observed	13.77	0.0	6097.71
	4.28.15		None Observed	13.39	0.0	6098.09
	10.20.15		None Observed	13.65	0.0	6097.83
	4.08.16		None Observed	13.27	0.0	6098.21
	10.07.16		None Observed	14.23	0.0	6097.25
	5.17.17		None Observed	13.30	0.0	6098.18
	10.10.17 ³			Ν	Not Gauged	
	1.25.11		Sheen	12.91	Sheen	6097.82
	4.22.11		None Observed	12.78	0.0	6097.95
	7.27.11		13.81	13.84	0.03	6096.91
	10.26.11		13.88	13.92	0.04	6096.84
	1.26.12		13.54	13.54	0.01	6097.20
	4.18.12		Not Gauged			Not Gauged
	7.30.12		Sheen	13.15	Sheen	6097.58
	10.18.12		13.89	13.90	0.01	6096.84
MW-37	4.23.13	6110.73	None Observed	13.23	0.0	6097.50
	10.23.13		None Observed	12.84	0.0	6097.89
	4.21.14		None Observed	12.72	0.0	6098.01
	10.27.14		None Observed	12.85	0.0	6097.88
	4.28.15		None Observed	12.52	0.0	6098.21
	10.20.15		None Observed	12.78	0.0	6097.95
	4.08.16		None Observed	12.41	0.0	6007.35
	10.07.10		None Observed	13.38	0.0	60097.35
	10 10 17		None Observed	12.44	0.0	6007.60
	1 25 11		None Observed	12.04	0.0	6008.27
	1.25.11		None Observed	11.00	0.0	6008.57
	7 27 11		None Observed	13.01	0.0	6097.42
	10.26.11		None Observed	13.10	0.0	6097.33
	1 26 12		None Observed	12.68	0.0	6097.75
	4 18 12		None Observed	12.00	0.0	6098.32
	7.30.12		None Observed	12.24	0.0	6098.19
	10.18.12		None Observed	13.01	0.0	6097.42
	4.23.13		None Observed	12.34	0.0	6098.09
MW-38	10.23.13	6110.43	None Observed	11.92	0.0	6098.51
	4.22.13		None Observed	11.80	0.0	6098.63
	4.21.14		None Observed	11.80	0.0	6098.63
	10.27.14		None Observed	11.91	0.0	6098.52
	4.28.15		None Observed	11.55	0.0	6098.88
	10.20.15	1	None Observed	11.85	0.0	6098.58
	4.08.16		None Observed	11.52	0.0	6098.91
	10.07.16		None Observed	12.79	0.0	6097.64
	5.17.17		None Observed	11.53	0.0	6098.90
	10.10.17		None Observed	12.07	0.0	6098.36



TABLE 2

Largo Compressor Station GROUNDWATER ELEVATIONS

MW-40 ¹ 126.11 4 22.11 10.26.11 None Observed None Observed 17.26 0.0 6097.49 6096.65 MW-39 4 22.11 10.26.11 None Observed 10.26.12 10.26 0.0 6097.76 MW-39 4 02.12 None Observed 4 16.52 0.0 6097.76 MW-39 4 02.13 Fills None Observed 4 02.14 16.57 0.0 6097.76 MW-39 4 02.13 Fills None Observed 4 02.14 16.57 0.0 6097.76 None Observed 4 02.14 10.27.14 None Observed 16.26 0.0 6097.76 None Observed 10.017.6 None Observed 16.24 0.0 6097.46 None Observed 10.017.6 None Observed 16.41 0.0 6097.74 None Observed 10.017 16.00 6097.74 None Observed 16.21 0.0 6097.74 MW-40 ¹ 12.611 None Observed 16.21 0.0 6097.74 None Observed 16.21 0.0 6097.74 MW-40 ¹ 12.612 None Observed 16.61 0.0 6097.74 None Observed 16.21 0.0 6097.74	Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation ¹
MW-39 422.11 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.12 126.1	anomicoring wentib	1 25 11	(1301)	None Observed	16.21	0.0	6097.49
MW-39 727.11 120.12 120.12 120.12 10.16.12 10.16.12 10.16.12 10.16.12 10.16.12 10.16.12 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 MW-40 ² 6113.70 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 MW-40 ² 6113.70 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.23.13 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25.11 10.25		4 22 11		None Observed	17.35	0.0	6096.35
MW-39 10.26 11 1.6 12 4.18 12 7.30 12 10.18 12 4.23 13 10.23 13 10.23 13 10.23 13 10.23 13 10.23 13 4.21 14 4.23 15 10.20 15 4.22 11 4.22 11 4.22 11 4.22 11 4.22 11 10.20 15 10.20		7 27 11		None Observed	16.43	0.0	6097.27
MW-39 1 26 12 (10.18 12) (10.18 12) (10.18 12) (10.23.13 (10.23.13) (10.23.13) (10.28.14) (10.28.14) (10.28.14) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (1		10.26.11		None Observed	16.52	0.0	6097.18
MW-39 4 18 12 (7.30 12) (10.18.12 (4.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.14) (10.23.14) (10.23.14) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.		1.26.12		None Observed	16.57	0.0	6097.13
MW-39 7.30.12 (10.18.12) None Observed (16.67) 16.69 0.0 6097.01 MW-39 4.23.13 (10.23.13) 6113.70 None Observed (16.65) 16.65) 0.0 6097.45 MW-39 4.21.14 (10.20.15) None Observed (16.24) 16.24) 0.0 6097.46 MW-40 4.28.15 (10.07.16) None Observed (16.61) 16.61 0.0 6097.74 MW-40 ² 5.17.17 None Observed (16.21) 16.66) 0.0 6097.74 MW-40 ² 1.25.11 None Observed (16.21) 16.66) 0.0 6097.76 None Observed (16.21) None Observed (16.21) 0.0 6097.76 0.0 None Observed (15.92) 0.0 6097.76 0.0 0.0 10.26.11 None Observed (19.16) 0.0 0.097.45 0.0 None Observed (19.92) 0.0 Dry 0.0 Dry 10.26.11 None Observed (19.17) 0.0 Dry 0.0 10.26.11 None Observed (19.95) 0.0 6099.63 10.21.14		4.18.12		None Observed	16.61	0.0	6097.09
MW-39 10.18.12 (12.313) (12.313) (4.2114) (10.29.14 (10.29.14) (10.29.15) (10.20.15) (10.20.15) (10.20.15) (10.20.15) (10.07.16) (10.07.16) (10.07.16) (10.07.16) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.13) (10.23.		7.30.12		None Observed	16.69	0.0	6097.01
MW-39 4 23.13 10 23.13 4 21.14 10.29.14 10.29.14 10.20.15 6113.70 4 22.13 10.20.15 None Observed None Observed 16.21 16.65 0.0 0.00 6097.45 6097.46 More Observed 10.20.15 4.08.16 None Observed 16.01 0.0 6097.74 More Observed 10.20.15 More Observed 16.11 0.0 6097.29 More Observed 10.02.015 More Observed 16.06 0.0 6097.74 More Observed 10.02.015 More Observed 16.16 0.0 6097.74 None Observed 10.02.015 None Observed 16.16 0.0 6097.74 None Observed 10.02.01 None Observed 16.16 0.0 6097.74 None Observed 10.02.01 None Observed 16.22 0.0 6097.74 MW-40° 7.27.11 6115.69 None Observed 19.0 0.0 Dry MW-40° 7.30.12 None Observed 19.68 0.0 0.00 Dry None Observed 10.07.16 None Observed 19.69 0.0 6096.62 None Observed 10.07.16 None Observed 19.47 0.0 6096.62 None Observed 10.07.16 None Observed 18.53 0.0		10.18.12		None Observed	16.77	0.0	6096.93
MW-39 1023.13 4.2114 6113.70 4.2815 None Observed None Observed 16.25 16.24 0.0 6097.46 6097.29 More Observed 16.41 0.0 6097.46 More Observed 16.61 0.0 6097.29 None Observed 16.61 0.0 6097.59 MOR-05 None Observed 16.06 0.0 6097.46 None Observed 15.96 0.0 6097.74 None Observed 15.92 0.0 6097.74 None Observed 15.62 0.0 6097.78 None Observed 15.62 0.0 6097.74 None Observed 19.16 0.0 6097.54 MW-40 ² 7.27.11 6115.69 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry 0.0 Dry MW-40 ² 7.30.12 None Observed Dry 0.0 6095.65 None Observed 19.46 0.0 6096.40 None Observed 19.47 0.0 6096.44	104/00	4.23.13	0440 70	None Observed	16.65	0.0	6097.05
4 21:14 10:29:14 4 28:15 10:20:15 4 0:8:16 10:00:15 4 0:8:16 10:00:16 4 0:8:16 10:00:16 5 0:00 None Observed 16:11 0:00 0:007:46 0:007:29 None Observed 16:10 0:00 0:007:79 0:00 MW-40° 10:01:17 7:25:11 10:10:17 None Observed 16:15:96 0:00 0:00 0:007:74 0:00 MW-40° 12:5:11 7:27:11 10:26:12 None Observed 11:5:69 16:16 0:00 0:0097:74 0:00 0:0097:74 0:00 MW-40° 10:26:11 7:27:11 10:27:14 None Observed 0:10:28:11 None Observed Dry 0:00 0:0097:53 0:00 0:0097:54 0:00 MW-40° 10:27:14 10:23:13 10:23:13 10:23:13 10:23:13 None Observed Dry None Observed Dry 0:00 0:07 0:00 Dry 0:00 Dry 0:00 MW-40R 10:27:14 10:27:14 6115:61 None Observed 19:58 None Observed 19:96 0:0 6096:52 0:0 MW-40R 10:27:14 10:27:14 6115:61 None Observed 19:96 None Observed 19:96 0:0 6096:64 0:0 MW-41 10:27:14 10:27:11 None Observed 19:96 None Observed 19:97 0:0 6096:64 0:0 None Observed 18:53 0:0 6096:64 None Observed 18:53 0:0 6097:68 None Observed 18:53 MW-41 10:27:14 None Observed 14:14 0:0 6097:68 None Observe	MVV-39	10.23.13	6113.70	None Observed	16.25	0.0	6097.45
10.29.14 A 28.15 None Observed 16.41 0.0 6097.29 10.20.15 None Observed 16.11 0.0 6097.59 10.20.15 None Observed 16.21 0.0 6097.74 10.07.16 None Observed 16.21 0.0 6097.74 10.10.17 None Observed 16.21 0.0 6097.74 10.01.17 None Observed 16.21 0.0 6097.74 10.25.11 None Observed 16.21 0.0 6097.74 125.11 None Observed 19.16 0.0 6097.54 126.12 None Observed Dry 0.0 Dry 126.12 None Observed 19.16 0.0 6095.62 127.14 6115.61 None Observed 19.17 0.0 6096.63		4.21.14		None Observed	16.24	0.0	6097.46
4 28.15 (10.20.15) None Observed (16.06) 16.01 (10.07.16) 0.00 6097.64 (10.07.16) More Observed (10.10.17) None Observed (16.21) 0.00 6097.74 (10.00.17) MW-40° 10.10.17 None Observed (16.21) 0.00 6097.74 (16.21) MW-40° 10.25.11 (10.10.17) None Observed (16.16) 0.00 6097.74 (16.16) MW-40° 7.27.11 (12.61) None Observed (10.26.11) None Observed (10.18.12) None Observed (10.18.12) None Observed (10.18.12) None Observed (19.95) 0.00 6096.53 MW-40R 4.21.14 (10.23.13) None Observed (19.96) 0.0 6095.65 Mone Observed (10.20.15) None Observed (19.96) 0.0 6096.44 Mone Observed (10.20.15) None Observed (19.17) 0.0 6096.44 Mone Observed (10.20.15) None Observed (19.17) 0.0 6096.68 None Observed (19.17) 0.0 6096.69 None Observed (19.17) 0.0 6096.69 None Observed (19.17) None Observed (19.41) 0.0 6097.02 0.0 6097.02 None Observed (10.20.15)		10.29.14		None Observed	16.41	0.0	6097.29
MW-40r 10.20.15 (10.07.16) 5.17.17 None Observed None Observed 16.06 (16.11) 0.0 6097.74 (16.02) MW-40 ² 5.17.17 None Observed 16.12 0.0 6097.73 (10.0.17) MW-40 ² 1.25.11 None Observed 16.16 0.0 6097.74 (16.16) MW-40 ² 1.25.11 None Observed 19.16 0.0 6097.74 (16.16) MW-40 ² 7.27.11 (12.612) None Observed 19.16 0.0 6097.54 (10.0.0 MW-40 ² 7.27.11 (12.612) None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry 0.0 Dry MW-40R 4.18.12 None Observed Dry 0.0 6095.62 MW-418 4.22.114 None Observed 19.69 0.0 6095.65 None Observed 19.47 0.0 6096.63 None Observed 19.47 MW-40R 10.27.14 6115.61 None Observed 19.47 0.0 6096.64 None Observed 19.45 <t< td=""><td></td><td>4.28.15</td><td></td><td>None Observed</td><td>16.11</td><td>0.0</td><td>6097.59</td></t<>		4.28.15		None Observed	16.11	0.0	6097.59
4.08.16 10.07.16 5.17.17 None Observed None Observed 15.96 16.21 0.0 6097.74 6097.74 MW-40 ² 1.25.11 4.22.11 None Observed 16.16 0.0 6097.74 MW-40 ² 4.22.11 10.26.11 None Observed 16.16 0.0 6097.74 MW-40 ² 7.27.11 10.26.12 None Observed 19.16 0.0 6097.74 MW-41 4.18.12 None Observed Dry 0.0 Dry 10.28.13 None Observed Dry 0.0 Dry 10.27.14 None Observed 19.58 0.0 6095.02 10.23.13 None Observed 19.96 0.0 6095.65 None Observed 19.97 0.0 6096.49 None Observed 18.57 0.0 6096.49 None Observed 18.51 0.0 6096.65 None Observed 18.53 0.0 6096.64 None Observed 18.53 0.0 6096.69 None Observed 18.53 0.0 6097.02		10.20.15		None Observed	16.06	0.0	6097.64
10.07.16 5.17.17 None Observed None Observed 16.21 15.92 0.0 6097.49 6097.8 MW-40 ² 1.25.11 7.27.11 None Observed 16.16 0.0 6098.53 MW-40 ² 7.27.11 12.6.12 6115.69 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry 0.0 Dry 1.26.12 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry 1.26.12 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry Dry 10.26.11 None Observed 19.66 0.0 6095.92 None Observed 19.47 0.0 6096.63 None Observed 19.47 0.0 6096.44 None Observed 19.12 0.0 6096.68 None Observed 18.45 0.0 6096.68 None Observed 18.45 0.0 6096.68 None Observed 18.45		4.08.16		None Observed	15.96	0.0	6097.74
MW-40* 5.17.17 None Observed 18.92 0.0 6097.78 None Observed 18.16 0.0 6097.78 MW-40* 1.25.11 None Observed 19.16 0.0 6097.54 MW-40* 7.27.11 6115.69 None Observed Dry 0.0 Dry 10.26.12 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry 10.26.12 None Observed Dry 0.0 Dry None Observed Dry 0.0 Dry Dry 10.18.12 None Observed 19.86 0.0 6095.65 More Observed 19.47 0.0 6096.44 None Observed 19.17 0.0 6096.64 None Observed 19.17 0.0 6096.68 None Observed 19.17 0.0 6096.68 None Observed 19.17 0.0 6096.68 None Observed 19.41 0.0 6097.02 <		10.07.16		None Observed	16.21	0.0	6097.49
MW-40 ² 10.10,17 None Observed 18.16 0.0 6097.54 MW-40 ² 1.25.11 None Observed Dry 0.0 Dry 10.26.11 None Observed Dry 0.0 Dry 12.6.12 None Observed Dry 0.0 Dry 12.6.13 None Observed Dry 0.0 6096.03 10.23.13 None Observed 19.69 0.0 6096.65 None Observed 19.47 0.0 6096.44 10.27.14 6115.61 None Observed 19.17 0.0 6096.44 None Observed 18.47 0.0 6096.66 None Observed 18.47 0.0 6096.66 None Observed 18.43 0.0		5.17.17		None Observed	15.92	0.0	6097.78
MW-40 ² 1.25.11 4.22.11 10.28.11 None Observed for the observed for		10.10.17		None Observed	16.16	0.0	6097.54
MW-40 ² 4.22.11 7.27.11 10.26.11 None Observed None Observed Dry 0.0 Dry 10.26.11 None Observed Dry 0.0 Dry 1.26.12 None Observed 19.68 0.0 6096.03 1.25.13 None Observed 19.69 0.0 6096.14 10.27.14 6115.61 None Observed 19.47 0.0 6096.14 10.20.15 None Observed 19.17 0.0 6096.68 None Observed 18.53 0.0 6096.68 None Observed 18.71 0.0 6096.68 None Observed 18.53 0.0 6097.02 10.07.16 None Observed 18.53 0.0 6097.02 None Observed 14.14 0.0 6097.03		1.25.11		None Observed	19.16	0.0	6096.53
MW-40 ³ 7.27.11 10.26.11 1.26.12 6115.69 None Observed None Observed Dry UN 0.0 Dry 0.0 Dry Dry Dry 0.0 4.18.12 None Observed 19.58 0.0 6096.03 6095.65 10.18.12 None Observed 19.58 0.0 6096.03 10.18.12 None Observed 19.69 0.0 6095.65 4.23.13 None Observed 19.96 0.0 6096.14 None Observed 19.17 0.0 6096.49 0.0 MW-40R 10.27.14 6115.61 None Observed 19.17 0.0 6096.49 Mone Observed 19.17 0.0 6096.64 0.0 6096.64 Mone Observed 19.17 0.0 6096.64 0.0 6096.64 None Observed 18.53 0.0 6096.68 0.0 6096.68 None Observed 18.93 0.0 6096.68 0.0 6097.02 None Observed 18.93 0.0 6097.02 0.0 6097.02 None Observed 19.41 0.0 6097.98 0.0 6097.98		4.22.11		None Observed	Dry	0.0	Dry
10.26.11 None Observed Dry 0.0 Dry 1.26.12 None Observed Dry 0.0 Dry 1.26.12 None Observed Dry 0.0 Dry 1.18.12 None Observed 19.58 0.0 6096.03 4.23.13 None Observed 19.96 0.0 6095.92 4.23.13 None Observed 19.96 0.0 6096.65 4.23.13 None Observed 19.47 0.0 6096.65 None Observed 19.47 0.0 6096.44 10.27.14 None Observed 19.17 0.0 6096.46 10.20.15 None Observed 18.71 0.0 6096.90 None Observed 18.53 0.0 6097.02 10.07.16 None Observed 18.53 0.0 6097.02 None Observed 18.59 0.0 6097.02 None Observed 18.59 0.0 6097.93 None Observed 14.14 0.0 6097.93 7.	MW-40 ²	7.27.11	6115.69	None Observed	Dry	0.0	Dry
MW-40R 1.26.12 None Observed 19.58 0.0 6096.03 MW-40R 10.18.12 None Observed 19.69 0.0 6095.92 MW-40R 4.23.13 None Observed 19.96 0.0 6095.65 4.23.13 None Observed 19.96 0.0 6095.65 4.23.13 None Observed 19.96 0.0 6096.14 None Observed 19.12 0.0 6096.64 None Observed 18.85 0.0 6096.64 None Observed 18.71 0.0 6096.68 None Observed 18.53 0.0 6097.08 None Observed 19.45 0.0 6097.02 None Observed 19.45 0.0 6097.02 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.02 None Observed 14.14 0.0 6097.99 None Observed 14.14 0.0 6097.80 None Observed 14.27 <td></td> <td>10.26.11</td> <td></td> <td>None Observed</td> <td>Dry</td> <td>0.0</td> <td>Dry</td>		10.26.11		None Observed	Dry	0.0	Dry
MW-40R 4.18.12 7.30.12 (10.18.12) None Observed 4.23.13 (10.23.13) 19.58 None Observed 4.21.14 0.0 6096.03 6095.92 MW-40R 4.21.14 (10.27.14 (10.20.15) None Observed 4.28.15 19.47 0.0 6096.49 None Observed 19.47 0.0 6096.649 None Observed 19.17 0.0 6096.44 None Observed 18.85 0.0 6096.649 None Observed 18.71 0.0 6096.649 None Observed 18.85 0.0 6096.649 None Observed 18.71 0.0 6096.649 None Observed 18.71 0.0 6096.649 None Observed 18.71 0.0 6096.690 None Observed 18.93 0.0 6096.60 None Observed 18.53 0.0 6097.08 None Observed 19.45 0.0 6097.08 None Observed 19.41 0.0 6097.93 Mone Observed 14.14 0.0 6097.93 None Observed 14.14 0.0 6097.89 None Observed 14.27 0.0 6097.80 None Observed 14.2		1.26.12		None Observed	Dry	0.0	Dry
MW-40R T.30.12 10.18.12 (4.23.13) None Observed 19.96 0.0 6095.92 6095.65 MW-40R 4.23.13 (10.27.14) None Observed 4.21.14 19.47 0.0 6096.49 MW-40R 4.28.15 (10.27.14) 6115.61 None Observed None Observed 18.85 0.0 6096.64 MW-40R 4.28.15 (10.20.15) 6115.61 None Observed None Observed 18.93 0.0 6096.68 Mone Observed 18.93 0.0 6096.68 None Observed None Observed 18.53 0.0 6097.08 Mone Observed 18.53 0.0 6097.02 None Observed None Observed 18.59 0.0 6097.02 None Observed 18.59 0.0 6097.02 None Observed None Observed 18.59 0.0 6097.02 None Observed 18.59 0.0 6097.02 None Observed 18.97 0.0 6097.93 4.22.11 None Observed 14.14 0.0 6097.89 7.30.12 None Observed 14.27 0.0 6097.89 None Observed 14.27 0.0 6097.89 </td <td></td> <td>4.18.12</td> <td></td> <td>None Observed</td> <td>19.58</td> <td>0.0</td> <td>6096.03</td>		4.18.12		None Observed	19.58	0.0	6096.03
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MW-40R 10.23.13 4.21.14 10.27.14 None Observed 4.28.15 10.20.15 19.12 None Observed 4.28.15 0.0 6096.49 6096.44 4.28.15 10.20.15 6115.61 None Observed 18.71 0.0 6096.43 MW-40R 4.28.15 None Observed 18.71 0.0 6096.44 MW-41 10.07.16 None Observed 18.53 0.0 6096.68 None Observed 19.45 0.0 6096.66 None Observed 19.45 0.0 6096.62 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.83 None Observed 14.14 0.0 6097.89 None Observed 14.20 0.0 6097.89 None Observed 14.21 0.0 6097.80 None Observed 14.22 0.0 6097.80 None Observed 14.22 0.0 6097.80 None Observed 14.23 0.0 6097.86 None Observed 14.23 0.0 6097.86 None Observed 14.23 0.0 6097.81 N		4.23.13		None Observed	19.47	0.0	6096.14
MW-40R 4.21.14 10.27.14 4.28.15 None Observed 110.20.15 18.85 None Observed 18.71 0.0 6096.44 6096.40 10.20.15 None Observed 10.00.16 18.93 0.0 6096.68 10.07.16 None Observed 18.53 0.0 6096.68 10.07.16 None Observed 18.53 0.0 6096.16 None Observed 19.45 0.0 6096.16 None Observed 19.41 0.0 6097.02 10.10.17 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.80 None Observed 14.18 0.0 6097.89 None Observed 14.27 0.0 6097.80 None Observed 14.27 0.0 6097.80 None Observed 14.27 0.0 6097.80 None Observed 14.29 0.0 6097.80 None Observed 14.23 0.0 6097.80 None Observed 14.23 0.0 6097.80 None Observed 14.23 0		10.23.13	1	None Observed	19.12	0.0	6096.49
MW-40R 10.27.14 4.28.15 6115.61 None Observed None Observed 19.17 0.0 6096.44 4.28.15 None Observed 18.71 0.0 6096.90 10.20.15 None Observed 18.71 0.0 6096.68 4.08.16 None Observed 18.53 0.0 6097.08 10.07.16 None Observed 19.45 0.0 6097.02 10.10.17 None Observed 19.45 0.0 6097.02 None Observed 19.41 0.0 6097.02 0.0 10.10.17 None Observed 14.14 0.0 6097.89 4.22.11 None Observed 14.14 0.0 6097.89 10.26.11 None Observed 14.20 0.0 6097.89 None Observed 14.20 0.0 6097.89 None Observed 14.27 0.0 6097.84 None Observed 14.27 0.0 6097.84 None Observed 14.23 0.0 6097.84 None Observed 14.		4.21.14		None Observed	18.85	0.0	6096.76
MW-41 A.28.15 (10.20.15) (10.07.16) (10.07.16) (10.07.16) (10.07.16) (10.17) None Observed (18.11) (None Observed) (18.53) (10.00) (10.017) None Observed (18.53) (10.00) (19.45) (10.017) None Observed (18.53) (10.00) (19.45) (10.017) None Observed (19.45) (10.02) (10.10,17) None Observed (19.45) (10.02) (10.10,17) None Observed (19.45) (10.02) (10.02,15) None Observed (14.14) (10.02,15) None Observed (14.14) (10.02,15) None Observed (14.27) (10.02,15) None Observed (14.27) (10.02,15) None Observed (14.27) None Observed (14.27) O.0 (14.27) (14.28) O.0 (14.27) (10.27,14) MW-41 MW-41 6112.07 Mone Observed (14.27) 14.27) (10.02,15) 0.0 (14.27) 0.0 (14.28) 0.0 (14.27) 0.0 (14.27) 0.0 (14.27) MW-41 Mone Observed (14.28) 14.27) 0.0 (14.27) 0.0 (14.27) 0.0 (14.27) MW-41 Mone Observed (14.29) 0.0 (14.27) 0.0 (14.27) 0.0 (14.27) MW-41 Mone Observed (14.28) 0.0 (14.27) 0.0 (14.27) 0.0 (14.27) Mone Observed (14.28) 0.0 (14.29) 0.0 (14.29) 0.0 (14.28) 0.0 (14.29) Mone Observed (14.28) 0.0 (14.28) 0.0 (14.28) 0.0 (14.28) 0.0 (14.28)	MW-40R	10.27.14	6115.61	None Observed	19.17	0.0	6096.44
MW-41 None Observed 18.93 0.0 6096.68 MW-41 10.07.16 None Observed 18.53 0.0 6097.08 None Observed 18.53 0.0 6097.08 None Observed 18.59 0.0 6096.61 5.17.17 None Observed 18.59 0.0 6097.02 10.10.17 None Observed 19.41 0.0 6097.02 1.25.11 None Observed 14.14 0.0 6097.89 7.27.11 None Observed 14.18 0.0 6097.89 None Observed 14.20 0.0 6097.89 None Observed 14.27 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.23 0.0 6097.80 None Observed 14.23 0.0		4.28.15		None Observed	18.71	0.0	6096.90
MW-41 A.08.16 10.07.16 5.17.17 10.10.17 None Observed None Observed 18.53 19.45 0.0 0.0 6097.08 6096.16 None Observed 19.45 0.0 6096.16 None Observed 18.59 0.0 6097.02 10.10.17 None Observed 19.41 0.0 6097.02 None Observed 19.41 0.0 6097.93 4.22.11 None Observed 14.14 0.0 6097.93 7.27.11 None Observed 14.18 0.0 6097.89 None Observed 14.20 0.0 6097.89 None Observed 14.27 0.0 6097.80 None Observed 14.20 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.23 0.0 6097.81 None Observed 14.26 0.		10.20.15		None Observed	18.93	0.0	6096.68
Nome Nome Observed 19.45 0.0 6099.16 Nome 0.517.17 Nome 0bserved 18.59 0.0 6097.02 10.10.17 Nome Observed 19.41 0.0 6097.02 10.10.17 Nome Observed 19.41 0.0 6097.02 10.26.11 Nome Nome 0bserved 14.14 0.0 6097.89 10.26.11 None Observed 14.08 0.0 6097.89 None Observed 14.20 0.0 6097.89 None Observed 14.20 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.23 0.0 6097.81 None Observed 14.23 0.0 6097.84 None Observed 14.26		4.08.16		None Observed	18.53	0.0	6097.08
MW-41 None Observed 18.39 0.0 6097.02 10.10.17 None Observed 19.41 0.0 6096.20 125.11 None Observed 14.14 0.0 6097.93 4.22.11 None Observed 14.14 0.0 6097.93 7.27.11 None Observed 14.18 0.0 6097.93 10.26.12 None Observed 14.97 0.0 6097.10 1.26.12 None Observed 14.20 0.0 6097.80 7.30.12 None Observed 14.27 0.0 6097.80 None Observed 14.27 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.23 0.0 6097.86 None Observed 14.23 0.0 6097.84 10.23.13 None Observed 14.23 0.0 6097.84 None Observed 14.23 0.0 6097.84 10.27.14 None Observed 14.26 0.0 6097.84		10.07.16	-	None Observed	19.45	0.0	6095.16
MW-41 1.25.11 None Observed 14.14 0.0 6097.93 MW-41 1.26.12 None Observed 14.14 0.0 6097.89 MW-41 1.26.12 None Observed 14.18 0.0 6097.89 MW-41 1.26.12 None Observed 14.08 0.0 6097.89 MW-41 1.26.12 None Observed 14.20 0.0 6097.80 MW-41 1.26.12 None Observed 14.21 0.0 6097.80 MW-41 1.26.12 None Observed 14.27 0.0 6097.80 Mone Observed 14.21 0.0 6097.80 0.0 6097.80 Mone Observed 14.21 0.0 6097.86 0.0 6097.86 None Observed 14.23 0.0 6097.68 0.0 6097.84 None Observed 14.23 0.0 6097.84 0.0 6098.01 Mone Observed 14.26 0.0 6097.98 0.0 6098.01 Mone Observed <t< td=""><td></td><td>5.17.17</td><td></td><td>None Observed</td><td>10.11</td><td>0.0</td><td>6006.20</td></t<>		5.17.17		None Observed	10.11	0.0	6006.20
MW-41 None Observed 14.14 0.0 6097.89 MW-41 7.27.11 None Observed 14.18 0.0 6097.89 MW-41 1.26.12 None Observed 14.97 0.0 6097.10 MW-41 1.26.12 None Observed 14.97 0.0 6097.89 MW-41 1.26.12 None Observed 14.20 0.0 6097.80 MW-41 1.26.12 None Observed 14.27 0.0 6097.80 MW-41 10.23.13 None Observed 14.21 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.21 MW-41 10.23.13 6112.07 None Observed 14.23 0.0 6097.86 None Observed 14.23 0.0 6097.84 None Observed 14.23 0.0 6097.84 None Observed 14.26 0.0 6097.98 None Observed 14.26 0.0 6098.01 Mone Observed 14.26 0.0 <td< td=""><td><u> </u></td><td>10.10.17</td><td></td><td>None Observed</td><td>19.41</td><td>0.0</td><td>6096.20</td></td<>	<u> </u>	10.10.17		None Observed	19.41	0.0	6096.20
MW-41 4.22.11 None Observed 14.18 0.0 6097.89 10.26.11 10.26.12 None Observed 14.97 0.0 6097.10 1.26.12 4.18.12 None Observed 14.20 0.0 6097.87 10.18.12 7.30.12 None Observed 14.27 0.0 6097.80 10.23.13 4.23.13 None Observed 14.21 0.0 6097.89 None Observed 14.23 0.0 6097.84 None Observed 14.26 0.0 6097.81 None Observed 14.26 0.0 6097.81 None Observed 14.26 0.0 6097.81 None Observed 14.26 0.0 6098.01 None Observed 14.26 0.0 6098.81 None Observed 13.86 0.0 6098.21 <tr< td=""><td></td><td>1.23.11</td><td>-</td><td>None Observed</td><td>14.14</td><td>0.0</td><td>6007.80</td></tr<>		1.23.11	-	None Observed	14.14	0.0	6007.80
MW-41 None Observed 14.97 0.0 6097.87 MW-41 1.26.12 A.18.12 None Observed 14.97 0.0 6097.87 MW-41 1.28.12 None Observed 14.20 0.0 6097.87 None Observed 14.21 0.0 6097.87 None Observed 14.21 0.0 6097.80 None Observed 14.21 0.0 6097.80 None Observed 14.21 0.0 6097.89 None Observed 14.23 0.0 6097.89 None Observed 14.23 0.0 6097.84 None Observed 14.23 0.0 6097.81 None Observed 14.26 0.0 6098.01 None Observed 13.86 0.0 6098.21 None Observed 13.88 0.0 6098.45 </td <td></td> <td>4.22.11</td> <td>1</td> <td>None Observed</td> <td>14.10</td> <td>0.0</td> <td>6097.09</td>		4.22.11	1	None Observed	14.10	0.0	6097.09
MW-41 1.26.12 None Observed 14.20 0.0 6097.80 MW-41 10.18.12 None Observed 14.21 0.0 6097.80 10.18.12 None Observed 14.21 0.0 6097.80 10.18.12 None Observed 14.21 0.0 6097.80 10.23.13 4.21.14 None Observed 14.39 0.0 6097.84 10.27.14 None Observed 14.23 0.0 6097.81 None Observed 14.26 0.0 6098.01 None Observed 13.86 0.0 6098.21 None Observed 13.88 0.0 6098.19 None Observed 13.82 0.0 6098.45 None Observed 13.39 0.0 6098.45		10.26.11		None Observed	14.00	0.0	6097.10
MW-41 A.18.12 None Observed 14.27 0.0 6007.80 MW-41 10.18.12 None Observed 14.27 0.0 6097.80 MW-41 4.23.13 0.18.12 None Observed 14.21 0.0 6097.80 MW-41 10.23.13 6112.07 None Observed 14.23 0.0 6097.89 Mone Observed 14.39 0.0 6097.80 0.0 6097.80 Mone Observed 14.39 0.0 6097.80 0.0 6097.80 Mone Observed 14.23 0.0 6097.80 0.0 6097.80 Mone Observed 14.23 0.0 6097.80 0.0 6097.81 Mone Observed 14.26 0.0 6097.81 0.0 6098.01 Mone Observed 14.26 0.0 6097.81 0.0 6098.21 Mone Observed 13.86 0.0 6098.19 0.0 6098.45 Mone Observed 13.82 0.0 6098.45 0.0 6098.45		1 26 12	1	None Observed	14.37	0.0	6097.87
MW-41 Trible None Observed Trible Output Output </td <td></td> <td>4 18 12</td> <td>1</td> <td>None Observed</td> <td>14.20</td> <td>0.0</td> <td>6097.80</td>		4 18 12	1	None Observed	14.20	0.0	6097.80
MW-41 10.18.12 10.18.12 10.18.12 10.18.12 10.23.13 None Observed 14.18 0.0 6097.89 10.23.13 10.27.14 None Observed 14.23 0.0 6097.84 10.27.14 10.20.15 None Observed 14.26 0.0 6097.81 None Observed 14.26 0.0 6097.81 None Observed 14.26 10.20.15 None Observed 14.06 0.0 6097.98 None Observed 13.86 0.0 6098.21 None Observed 13.88 0.0 6098.35 10.07.16 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.45		7 30 12		None Observed	14.21	0.0	6097.86
MW-41 A.23.13 6112.07 None Observed 14.39 0.0 6097.68 MW-41 10.23.13 A.21.14 None Observed 14.23 0.0 6097.68 MW-41 10.27.14 None Observed 14.26 0.0 6097.81 More Observed 14.26 0.0 6097.81 None Observed 14.06 More Observed 14.06 0.0 6097.81 None Observed 14.09 More Observed 14.09 0.0 6097.81 None Observed 13.86 0.0 6097.81 More Observed 14.09 0.0 6097.81 None Observed 13.86 0.0 6098.01 None Observed 13.86 0.0 6098.21 None Observed 13.88 0.0 6098.35 More Observed 13.62 0.0 6098.45 None Observed 13.39 0.0 6098.68		10.18.12	1	None Observed	14.18	0.0	6097.89
MW-41 10.23.13 6112.07 None Observed 14.23 0.0 6097.84 4.21.14 10.27.14 None Observed 14.26 0.0 6097.81 10.27.14 4.28.15 None Observed 14.06 0.0 6097.81 10.20.15 4.08.16 None Observed 14.09 0.0 6098.21 10.07.16 5.17.17 None Observed 13.88 0.0 6098.35 10.10.17 None Observed 13.39 0.0 6098.45		4 23 13		None Observed	14.39	0.0	6097.68
4.21.14 None Observed 14.26 0.0 6097.81 10.27.14 None Observed 14.06 0.0 6097.81 4.28.15 None Observed 14.06 0.0 6097.81 10.20.15 None Observed 14.09 0.0 6097.98 4.08.16 None Observed 13.86 0.0 6098.21 10.07.16 None Observed 13.72 0.0 6098.35 5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68	MW-41	10.23.13	6112.07	None Observed	14.23	0.0	6097.84
10.27.14 None Observed 14.06 0.0 6098.01 4.28.15 None Observed 14.06 0.0 6098.01 10.20.15 None Observed 14.09 0.0 6098.21 4.08.16 None Observed 13.86 0.0 6098.35 10.07.16 None Observed 13.62 0.0 6098.45 10.17 None Observed 13.39 0.0 6098.68		4.21.14	1	None Observed	14.26	0.0	6097.81
4.28.15 None Observed 14.09 0.0 6097.98 10.20.15 None Observed 13.86 0.0 6098.21 4.08.16 None Observed 13.88 0.0 6098.19 10.07.16 None Observed 13.72 0.0 6098.35 5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68		10.27.14	1	None Observed	14.06	0.0	6098.01
10.20.15 None Observed 13.86 0.0 6098.21 4.08.16 None Observed 13.86 0.0 6098.19 10.07.16 None Observed 13.72 0.0 6098.35 5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68		4,28,15	1	None Observed	14.09	0.0	6097.98
4.08.16 None Observed 13.88 0.0 6098.19 10.07.16 None Observed 13.72 0.0 6098.35 5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68		10.20.15	1	None Observed	13.86	0.0	6098.21
10.07.16 None Observed 13.72 0.0 6098.35 5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68		4.08.16	1	None Observed	13.88	0.0	6098.19
5.17.17 None Observed 13.62 0.0 6098.45 10.10.17 None Observed 13.39 0.0 6098.68		10.07.16	1	None Observed	13.72	0.0	6098.35
10.10.17 None Observed 13.39 0.0 6098.68		5.17.17	1	None Observed	13.62	0.0	6098.45
		10.10.17	1	None Observed	13.39	0.0	6098.68



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing Corrected Groundwater Depth to Water Elevation Depth to PSH **PSH Thickness** Monitoring Well ID Measurement Date (feet) (feet) (feet) (feet) Elevation¹ None Observed 24.88 0.0 6096.65 1.25.11 Errant Gauge 4.22.11** None Observed Errant Gauge 0.0 7.27.11 None Observed Dry 0.0 Dry 6096.37 10.26.11 None Observed 25.16 0.0 None Observed 1.26.12 24.92 0.0 6096.61 Not Gauged Not Gauged 4.18.12 Dry Dry Dry 7.30.12 Dry Dry Dry 10.18.12 Dry Dry Dry 4.23.13 Dry Dry Dry MW-42 6121.53 10.23.13 Drv Drv Drv Drv 4.21.14 None Observed 25.02 0.0 6096.51 6096.18 None Observed 25 35 0.0 10.27.14 4.28.15 Dry Dry Dry Dry 6096.34 10.20.15 None Observed 25.19 00 4.08.16*** None Observed 24.79 0.0 6096.74 10.07.16 Dry Dry Dry Dry 5.17.17*** None Observed 24.49 0.0 6097.04 10.10.17*** None Observed 24.82 0.0 6096.71 None Observed 15.41 0.0 6097.51 1.25.11 6097.62 4.22.11 None Observed 15.30 0.0 16.27 6096.65 7.27.11 None Observed 0.0 10.26.11 None Observed 16.35 0.0 6096.57 6096.87 None Observed 16.05 0.0 1.26.12 None Observed 15.87 0.0 6097.05 4.18.12 6097.10 0.0 None Observed 15.82 7.30.12 10.18.12 None Observed 16.35 0.0 6096.57 4.23.13 None Observed 15.79 0.0 6097.13 6112.92 MW-43 None Observed 15.33 0.0 6097.59 10.23.13 None Observed 15.19 0.0 6097.73 4.21.14 None Observed 15.42 0.0 6097.50 10.27.14 4.28.15 None Observed 15.01 0.0 6097.91 10.20.15 None Observed 15.28 0.0 6097.64 None Observed 14.92 0.0 6098.00 4.08.16 10.07.16 None Observed 15.84 0.0 6097.08 None Observed 14.94 0.0 6097.98 5 17 17 10.10.17 None Observed 15.64 0.0 6097.28 1.25.11 None Observed 19.22 0.0 6095.19 0.0 6095.39 4.22.11 None Observed 19.02 7.27.11 None Observed 19.69 0.0 6094.72 6094.55 None Observed 10.26.11 19.86 0.0 1.26.12 None Observed 19.79 0.0 6094.62 4.19.12 None Observed 19.67 0.0 6094.74 6094 54 0.0 7.31.12 None Observed 19.87 6094.33 10.18.12 None Observed 20.08 0.0 6094.76 4.24.13 None Observed 19.65 0.0 MW-47 6114.41 6095.03 10.23.13 None Observed 19.38 0.0 4.21.14 19.06 6095.35 None Observed 0.0 6095.04 10.27.14 None Observed 19.37 0.0 6095.46 4.28.15 18.95 0.0 None Observed 10.20.15 6095.26 19.15 0.0 None Observed 4.08.16 Well damaged 10.07.16 Well damaged 5.17.17 Well damaged 10.10.17 Well damaged



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing **Corrected Groundwater** Elevation Depth to PSH Depth to Water **PSH Thickness** Monitoring Well ID Measurement Date (feet) (feet) (feet) Elevation¹ (feet) 4.18.12 Not Gauged None Observed 7.30.12 None Observed 11.90 0.0 6097.31 10.18.12 None Observed 12.26 6096.95 0.0 4.23.13 11.60 0.0 6097.61 None Observed 10.23.13 None Observed 11.18 0.0 6098.03 4.21.14 6098.15 None Observed 11.06 0.0 MW-48 10.27.14 6109.21 6098.02 None Observed 11.19 0.0 4.28.15 None Observed 10.85 0.0 6098.36 10.20.15 None Observed 11.09 0.0 6098.12 4.08.16 None Observed 10.75 0.0 6098.46 10.07.16 None Observed 11.74 0.0 6097.47 5.17.17 None Observed 10.79 6098.42 0.0 10.10.17 None Observed 11.33 0.0 6097.88 4.18.12 None Observed 12.38 0.0 6097.16 7.30.12 None Observed 12.22 0.0 6097.32 10.18.12 None Observed 12.92 6096.62 0.0 4.23.13** None Observed Errant Gauge 0.0 Errant Gauge 10.23.13 None Observed 6097.67 11.87 0.0 4.21.14 6097.77 None Observed 11.77 0.0 MW-49 6109.54 6097.65 10.27.14 None Observed 11.89 0.0 4.28.15 6098.00 None Observed 11.54 0.0 10.20.15 None Observed 11.81 0.0 6097.73 4.08.16 None Observed 11.45 0.0 6098.09 10.20.16 None Observed 12.45 0.0 6097.09 5.17.17 None Observed 11.51 0.0 6098.03 10.10.17 None Observed 12.09 0.0 6097.45 4.18.12 None Observed 24.64 0.0 6095.98 7.30.12 None Observed 24.93 0.0 6095.69 10.18.12 None Observed 25.11 0.0 6095.51 None Observed 4.23.13 24.57 0.0 6096.05 10.23.13 None Observed 24.21 0.0 6096.41 4.21.14 None Observed 23.91 0.0 6096.71 MW-50 6120.62 10.27.14 6096.26 None Observed 24.36 0.0 4.28.15 6096.76 None Observed 23.86 0.0 10.20.15 None Observed 24.04 0.0 6096.58 4.08.16 6097.04 None Observed 23.58 0.0 10.07.16 6096.10 None Observed 24.52 0.0 5.17.17 6096.94 None Observed 23.68 0.0 10.10.17 None Observed 24.54 6096.08 0.0



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing Elevation Depth to PSH Depth to Water PSH Thickness **Corrected Groundwater** Monitoring Well ID (feet) Measurement Date (feet) Elevation¹ (feet) (feet) 4.18.12 6095.17 None Observed 18.33 0.0 7.30.12 None Observed 17.47 0.0 6096.03 10.18.12 6095.69 None Observed 17.81 0.0 04.23.13 6096.15 None Observed 17.35 0.0 10.23.13 16.84 6096.66 None Observed 0.0 4.21.14 6096.82 None Observed 16.68 0.0 MW-51 6113.50 10.27.14 6096.42 None Observed 17.08 0.0 4.28.15 None Observed 16.61 0.0 6096.89 10.20.15 None Observed 6096.72 16.78 0.0 4.08.16 None Observed 16.36 0.0 6097.14 10.07.16 None Observed 17.33 0.0 6096.17 6097.07 5.17.17 None Observed 16.43 0.0 None Observed 17.25 0.0 6096.25 10.10.17 4.18.12 6097.87 None Observed 21.11 0.0 7.30.12 6097.88 None Observed 21.10 0.0 6097.90 10.18.12 None Observed 21.08 0.0 6097.73 4.23.13 None Observed 21.25 0.0 10.23.13 6097.96 None Observed 21.02 0.0 6097.97 4.21.14 None Observed 21.01 0.0 MW-52 6118.98 10.27.14 6098.07 None Observed 20.91 0.0 4.28.15 None Observed 20.86 0.0 6098.12 10.20.15 None Observed 20.62 6098.36 0.0 4.08.16 None Observed 6098.32 20.66 0.0 10.07.16 6098.38 None Observed 20.6 0.0 5.17.17 None Observed 20.48 0.0 6098.50 10.10.17 None Observed 20.42 6098.56 0.0 5.3.13 6097.25 None Observed 12.16 0.0 10.23.13 11.72 6097.69 None Observed 0.0 4.21.14 11.58 6097.83 None Observed 0.0 10.27.14 6097.68 11.73 None Observed 0.0 4.28.15 6098.01 None Observed 11.40 0.0 6109.41 MW-53 10.20.15 None Observed 11.66 0.0 6097.75 4.08.16 None Observed 11.26 0.0 6098.15 10.07.16 6097.14 12.27 None Observed 0.0 5.17.17 6098.08 None Observed 11.33 0.0 12 10.10.17 None Observed 0.0 6097.41 6097.33 5.3.13 10.29 None Observed 0.0 10.23.13 9.82 6097.80 None Observed 0.0 6097.83 4.21.14 None Observed 9.79 0.0 10.27.14 6097.82 None Observed 9.80 0.0 4.28.15 None Observed 9.51 0.0 6098.11 6107.62 MW-54 10.20.15 None Observed 9.70 6097.92 0.0 4.08.16 6098.22 None Observed 9.40 0.0 None Observed 6097.32 10.20.16 10.30 0.0 5.17.17 None Observed 6098.21 9.41 0.0 10.10.17 6097.65

None Observed

9.97

0.0



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing Depth to PSH Depth to Water PSH Thickness **Corrected Groundwater** Elevation Monitoring Well ID (feet) **Measurement Date** Elevation¹ (feet) (feet) (feet) 6097.71 5.3.13 None Observed 9.82 0.0 10.23.13 6098.08 None Observed 9.45 0.0 4.21.14 None Observed 9.21 6098.32 0.0 10.27.14 6098.45 None Observed 9.08 0.0 4.28.15 6098.52 None Observed 9.01 0.0 MW-55 6107.53 10.20.15 6098.42 None Observed 9.11 0.0 4.08.16 None Observed 9.06 6098.47 0.0 10.07.16 None Observed 6098.02 9.51 0.0 5.17.17 Blockage Blockage Blockage Blockage 10.10.17 Blockage Blockage Blockage Blockage 4.23.13 None Observed 18.98 0.0 6097.30 10.23.13 None Observed 18.67 0.0 6097.64 4.21.14 None Observed 18.35 6097.93 0.0 10.27.14 6097.64 None Observed 18.64 0.0 6098.10 4.28.15 None Observed 18.18 0.0 6116.28 MW-75 10.20.15 6097.79 None Observed 18.49 0.0 6098.21 4.08.16 None Observed 18.07 0.0 10.07.16 6097.25 None Observed 19.03 0.0 5.17.17 None Observed 18.10 0.0 6098.18 6097.32 10.10.17 None Observed 18.96 0.0 10.23.13 None Observed 25.33 0.0 6098.03 4.21.14 None Observed 6098.63 24.73 0.0 10.27.14 25.20 6098.16 None Observed 0.0 4.28.15 6098.82 None Observed 24.54 0.0 MW-76 10.20.15 6123.36 None Observed 25.03 0.0 6098.33 4.08.16 None Observed 24.45 0.0 6098.91 10.07.16 25.40 6097.96 None Observed 0.0 5.17.17 6098.85 None Observed 24.51 0.0 10.10.17 None Observed 25.54 0.0 6097.82 6097.84 10.23.13 None Observed 33.13 0.0 4.21.14 6098.44 32.53 None Observed 0.0 10.27.14 32.98 6097.99 None Observed 0.0 4.28.15 None Observed 32.37 0.0 6098.60 6130.97 MW-77 10.20.15 6098.15 None Observed 32.82 0.0 6098.71 4.08.16 32.26 None Observed 0.0 10.07.16 6097.78 None Observed 33.19 0.0 5.17.17 32.32 6098.65 None Observed 0.0 33.35 10.10.17 None Observed 0.0 6097.62 10.23.13 None Observed 30.46 0.0 6097.35 4.21.14 6097.76 None Observed 30.05 0.0 10.27.14 30.34 0.0 6097.47 None Observed 4.28.15 6097.90 None Observed 29.91 0.0 MW-79 10.20.15 6127.81 6097.66 None Observed 30.15 0.0 4.08.16 6098.12 None Observed 29.69 0.0 10.07.16 6097.20 None Observed 30.61 0.0 5.17.17 6098.10 29.71 0.0 None Observed 10.10.17 None Observed 30.80 0.0 6097.01



TABLE 2 Largo Compressor Station **GROUNDWATER ELEVATIONS** Top-of-Casing **Corrected Groundwater** Depth to PSH Depth to Water **PSH Thickness** Elevation Monitoring Well ID Measurement Date (feet) Elevation¹ (feet) (feet) (feet) 10.23.13 6097.81 None Observed 26.58 0.0 4.21.14 6098.27 None Observed 26.12 0.0 10.27.14 6097.92 None Observed 26.47 0.0 4.28.15 None Observed 25.91 0.0 6098.48 6124.39 MW-80 4.08.16 6098.59 None Observed 25.80 0.0 10.07.16 None Observed 26.72 0.0 6097.67 25.85 5.17.17 None Observed 0.0 6098.54 10.10.17 None Observed 26.86 0.0 6097.53 10.23.13 None Observed 6097.95 18.91 0.0 6098.56 4.21.14 None Observed 18.30 0.0 10.27.14 None Observed 18.79 0.0 6098.07 4.28.15 6098.72 None Observed 18.14 0.0 MW-83 6116.86 4.08.16 None Observed 6098.82 18.04 0.0 10.07.16 6097.90 None Observed 18.96 0.0 6098.76 5.17.17 0.0 None Observed 18.10 None Observed 6097.73 10.10.17 19 13 0.0 6094.49 10.27.14 None Observed 24.16 0.0 4.28.15 6094.94 None Observed 23.71 0.0 10.20.15 None Observed 23.94 0.0 6094.71 MW-88 6118.65 4.08.16 None Observed 23.49 0.0 6095.16 10.07.16 24.37 6094.28 None Observed 0.0 5.17.17 6095.05 None Observed 23.60 0.0 10.10.17 None Observed 24.38 0.0 6094.27 6094.48 10.27.14 None Observed 23.83 0.0 6094.87 4.28.15 None Observed 23.44 0.0 10.20.15 6094.70 None Observed 23.61 0.0 MW-89 6118.31 4.08.16 None Observed 23.26 0.0 6095.05 10.07.16 6094.12 None Observed 24.19 0.0 5.17.17 6094.96 None Observed 23.35 0.0 10.10.17 None Observed 23.96 6094.35 0.0 10.27.14 6094.73 None Observed 23.09 0.0 4.28.15 6095.09 22.73 None Observed 0.0 10.20.15 22.90 6094.92 None Observed 0.0 MW-90 6117.82 4.08.16 6095.25 None Observed 22.57 0.0 10.07.16 6094.37 None Observed 23.45 0.0 6095.18 5.17.17 None Observed 22.64 0.0 23.21 10.10.17 None Observed 0.0 6094.61

NA-Not Analyzed

* - Regauged 1.31.11 to confirm product thickness

** - Aberrant gauging data

*** - Well effectively dry

1 - On 11/02/2012, this table was adjusted to reflect July 2012 re-survey and a specific gravity of 0.69 for NAPL

2 - Monitoring well MW-40 was replaced by MW-40R

3 - Monitoring well was inaccessible due to 2017 excavation and therefore was not gauged.



APPENDIX C

Laboratory Data Sheets & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

May 25, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo Compressor Station

OrderNo.: 1705A77

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 12 sample(s) on 5/19/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.							Ι	Date Reported: 5/25	5/2017	
CLIENT: A Project: L	pex Titan, Inc. argo Compressor Station					La	ab C)rder: 1705.	A77	
Lab ID:	1705A77-001			(Collection	1 Date:	5/1	17/2017 3:20:00 P	М	
Client Sample ID:	MW-42				Ν	Aatrix:	A	QUEOUS		
Analyses		Result	PQL	Qual	Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES							An	alyst:	NSB
Benzene		ND	5.0	D	µg/L		5	5/24/2017 9:02:46	AM	R43027
Toluene		ND	5.0	D	µg/L		5	5/24/2017 9:02:46	AM	R43027
Ethylbenzene		ND	5.0	D	µg/L		5	5/24/2017 9:02:46	AM	R43027
Xylenes, Total		ND	10	D	µg/L		5	5/24/2017 9:02:46	AM	R43027
Surr: 4-Bromoflue	orobenzene	95.5	80-120	D	%Rec		5	5/24/2017 9:02:46	AM	R43027
Lab ID:	1705A77-002			(Collection	n Date:	5/	17/2017 1:45:00 P	M	
Client Sample ID:	MW-75				N	Aatrix:	A	QUEOUS		
Analyses		Result	PQL	Qual	Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES							An	alyst:	NSB
Benzene		ND	1.0		µg/L		1	5/24/2017 9:50:09	MA	R43027
Toluene		ND	1.0		µg/L		1	5/24/2017 9:50:09	MA	R43027
Ethylbenzene		ND	1.0		µg/L		1	5/24/2017 9:50:09	MA	R43027
Xylenes, Total		ND	2.0		µg/L		1	5/24/2017 9:50:09	MA	R43027
Surr: 4-Bromoflue	orobenzene	93.1	80-120		%Rec		1	5/24/2017 9:50:09	MA (R43027
Lab ID:	1705A77-003				Collection	n Date:	5/	18/2017 9:30:00 A	M	
Client Sample ID:	MW-89				N	Matrix:	A	QUEOUS		
Analyses		Result	PQL	Qual	Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES							An	alyst:	NSB
Benzene		ND	1.0		µg/L		1	5/24/2017 10:13:5	3 AM	R43027
Toluene		ND	1.0		µg/L		1	5/24/2017 10:13:5	3 AM	R43027
Ethylbenzene		ND	1.0	í.	µg/L		1	5/24/2017 10:13:5	53 AM	R43027
Xylenes, Total		ND	2.0		µg/L		1	5/24/2017 10:13:5	3 AM	R43027
Surr: 4-Bromoflu	orobenzene	91.4	80-120		%Rec		1	5/24/2017 10:13:5	3 AM	R43027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Lab Order: 1705A77

Hall Environ	mental Analysi	Date	Reported: 5/25	2017				
CLIENT: A Project: L	Apex Titan, Inc. Largo Compressor Stati	ion			Lab Orde	er: 1705A	77	
Lab ID:	1705A77-004			Collection I	Date: 5/18/2	017 10:00:00 A	M	
Client Sample ID:	MW-88			Ma	atrix: AQUE	OUS		
Analyses		Result	PQL Qu	al Units	DF Da	te Analyzed	Batch II	D
EPA METHOD 802	1B: VOLATILES					Ana	alyst: NSB	
Benzene		ND	1.0	µg/L	1 5/2	24/2017 11:24:34	AM R430	127
Toluene		ND	1.0	µg/L	1 5/2	24/2017 11:24:34	AM R430	127
Ethylbenzene		ND	1.0	µg/L	1 5/2	24/2017 11:24:34	AM R430	127
Xylenes, Total		ND	2.0	µg/L	1 5/2	24/2017 11:24:34	AM R430	127
Surr: 4-Bromoflu	orobenzene	97.8	80-120	%Rec	1 5/2	24/2017 11:24:34	AM R430	127
Lab ID:	1705A77-005			Collection l	Date: 5/18/2	017 10:30:00 A	AM	
Client Sample ID:	MW-90			Ma	atrix: AQUE	COUS		
Analyses		Result	PQL Qu	al Units	DF Da	te Analyzed	Batch II	D
EPA METHOD 802	21B: VOLATILES					Ana	alyst: NSB	,
Benzene		ND	1.0	µg/L	1 5/2	24/2017 11:48:06	AM R430)27
Toluene		ND	1.0	µg/L	1 5/2	24/2017 11:48:06	3 AM R430)27
Ethylbenzene		ND	1.0	µg/L	1 5/2	24/2017 11:48:06	3 AM R430)27
Xylenes, Total		ND	2.0	µg/L	1 5/2	24/2017 11:48:06	3 AM R430)27
Surr: 4-Bromoflu	orobenzene	85.9	80-120	%Rec	1 5/2	24/2017 11:48:06	3 AM R430)27
Lab ID:	1705A77-006			Collection 1	Date: 5/18/2	017 11:00:00 A	¥М	
Client Sample ID:	MW-8			Ma	atrix: AQUE	EOUS		
Analyses		Result	PQL Qu	al Units	DF Da	te Analyzed	Batch II	D
EPA METHOD 802	21B: VOLATILES					Ana	alyst: NSB	
Benzene		ND	1.0	µg/L	1 5/2	24/2017 12:11:36	5 PM R430)27
Toluene		ND	1.0	µg/L	1 5/2	24/2017 12:11:36	5 PM R430)27
Ethylbenzene		ND	1.0	µg/L	1 5/2	24/2017 12:11:36	5 PM R430)27
Xylenes, Total		ND	2.0	µg/L	1 5/2	24/2017 12:11:36	3 PM R430)27
Surr: 4-Bromoflu	orobenzene	87.4	80-120	%Rec	1 5/2	24/2017 12:11:36	3 PM R430)27

Analytical Report Lab Order: 1705A77

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environ	mental Analysis		Ι	Date Reported: 5/25/2	2017		
CLIENT: A Project: I	Apex Titan, Inc. Largo Compressor Station			I	.ab C)rder: 1705A	77
Lab ID:	1705A77-007			Collection Date	: 5/1	18/2017 11:30:00 A	М
Client Sample ID:	MW-3R			Matrix	: A(QUEOUS	
Analyses		Result	PQL Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 802	21B: VOLATILES					Anal	yst: NSB
Benzene		ND	1.0	µg/L	1	5/24/2017 1:22:12 P	M R43027
Toluene		ND	1.0	µg/L	1	5/24/2017 1:22:12 P	M R43027
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 1:22:12 P	M R43027
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 1:22:12 P	M R43027
Surr: 4-Bromoflu	lorobenzene	95.1	80-120	%Rec	1	5/24/2017 1:22:12 P	'M R43027
Lab ID:	1705A77-008			Collection Date	: 5/	18/2017 12:00:00 P	M
Client Sample ID:	MW-15			Matrix	: A(QUEOUS	
Analyses		Result	PQL Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 802	21B: VOLATILES					Anal	yst: NSB
Benzene		ND	1.0	µg/L	1	5/24/2017 1:45:44 P	M R43027
Toluene		ND	1.0	µg/L	1	5/24/2017 1:45:44 F	M R43027
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 1:45:44 F	M R43027
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 1:45:44 F	M R43027
Surr: 4-Bromoflu	lorobenzene	91.0	80-120	%Rec	1	5/24/2017 1:45:44 F	'M R43027
Lab ID:	1705A77-009			Collection Date	: 5/	18/2017 12:30:00 P	M
Client Sample ID:	MW-14			Matrix	: A(QUEOUS	
Analyses		Result	PQL Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 802	21B: VOLATILES					Anal	yst: NSB
Benzene		ND	1.0	µg/L	1	5/24/2017 2:09:16 F	PM R43027
Toluene		ND	1.0	µg/L	1	5/24/2017 2:09:16 F	M R43027
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 2:09:16 F	M R43027
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 2:09:16 F	M R43027
Surr: 4-Bromoflu	uorobenzene	87.9	80-120	%Rec	1	5/24/2017 2:09:16 F	M R43027

Analytical Report Lab Order: 1705A77

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	0 1 D'1 1 D . M . '

- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 6
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environ	all Environmental Analysis Laboratory, Inc.							2017	,
CLIENT: A Project: La	pex Titan, Inc. argo Compressor Station				La	b O	rder: 1705A	77	
Lab ID:	1705A77-010			Collection I	Date:	5/1	8/2017 1:00:00 PM	1	
Client Sample ID:	MW-7			Ma	trix:	AÇ	UEOUS		
Analyses		Result	PQL Qu	al Units	1	DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES						Ana	lyst:	NSB
Benzene		27	1.0	µg/L		1	5/24/2017 10:37:29	AM	R43027
Toluene		ND	1.0	µg/L		1	5/24/2017 10:37:29	AM	R43027
Ethylbenzene		ND	1.0	µg/L		1	5/24/2017 10:37:29	AM	R43027
Xylenes, Total		ND	2.0	µg/L		1	5/24/2017 10:37:29	AM	R43027
Surr: 4-Bromofluc	probenzene	92.9	80-120	%Rec		1	5/24/2017 10:37:29	AM	R43027
Lab ID:	1705A77-011			Collection I	Date:	5/1	8/2017 1:30:00 PM	1	
Client Sample ID:	MW-13			Ma	atrix:	AQ	QUEOUS		
Analyses		Result	PQL Qu	al Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES						Ana	lyst:	NSB
Benzene		ND	1.0	µg/L		1	5/24/2017 5:41:01 F	РМ	R43027
Toluene		ND	1.0	µg/L		1	5/24/2017 5:41:01 F	PM	R43027
Ethylbenzene		ND	1.0	µg/L		1	5/24/2017 5:41:01 F	PM	R43027
Xylenes, Total		ND	2.0	µg/L		1	5/24/2017 5:41:01 F	PM	R43027
Surr: 4-Bromofluc	probenzene	94.5	80-120	%Rec		1	5/24/2017 5:41:01 F	PM	R43027
Lab ID:	1705A77-012			Collection 1	Date:				
Client Sample ID:	TRIP BLANK			Ma	atrix:	A	QUEOUS		
Analyses		Result	PQL Qu	al Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	1B: VOLATILES						Ana	lyst:	NSB
Methyl tert-butyl eth	er (MTBE)	ND	2.5	µg/L		1	5/24/2017 6:04:33 F	РМ	R43027
Benzene	e:	ND	1.0	µg/L		1	5/24/2017 6:04:33 F	РМ	R43027
Toluene		ND	1.0	µg/L		1	5/24/2017 6:04:33 F	РМ	R43027
Ethylbenzene		ND	1.0	µg/L		1	5/24/2017 6:04:33 F	РМ	R43027
Xylenes, Total		ND	2.0	µg/L		1	5/24/2017 6:04:33 F	PM	R43027
1,2,4-Trimethylbenz	ene	ND	1.0	µg/L		1	5/24/2017 6:04:33 F	РМ	R43027
1,3,5-Trimethylbenz	ene	ND	1.0	µg/L		1	5/24/2017 6:04:33 F	PM	R43027
Surr: 4-Bromofluc	orobenzene	90.2	80-120	%Rec		1	5/24/2017 6:04:33 F	РМ	R43027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 6

Analytical Report

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Apex Titan, Inc. **Client:**

Project:	Largo Compresso	r Station								
Sample ID RB	Sam	оТуре: МЕ	BLK	Test	Code: EF	PA Method	8021B: Volati	les		
Client ID: PBW	Bat	ch ID: R4	3027	R	unNo: 4	3027				
Prep Date:	Analysis	Date: 5/	24/2017	S	eqNo: 1	354530	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (N	ND ND	2.5								
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
Surr: 4-Bromofluorobe	enzene 19		20.00		96.1	80	120			
Sample ID 100NG BTEX LCS SampType: LCS TestCode: EPA Method 8021B: Volatiles										
Client ID: LCSW	Bat	tch ID: R4	3027	F	RunNo: 4	3027				
Prep Date:	Analysis	Date: 5/	/24/2017	5	SeqNo: 1	354531	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (N	MTBE) 17	2.5	20.00	0	87.1	66.3	115			
Benzene	18	1.0	20.00	0	92.0	71.7	126			
Toluene	19	1.0	20.00	0	93.3	73.3	119			
Ethylbenzene	19	1.0	20.00	0	95.1	80	120			
Xylenes, Total	57	2.0	60.00	0	95.7	80	120			
1,2,4-Trimethylbenzene	19	1.0	20.00	0	95.4	64.7	133			
1,3,5-Trimethylbenzene	19	1.0	20.00	0	94.2	80	120			
Surr: 4-Bromofluorob	enzene 20		20.00		99.4	80	120			
Sample ID 1705A	77-002AMS Sam	рТуре: М	S	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: MW-7	5 Bat	tch ID: R4	3027	F	RunNo: 4	3027				
Prep Date:	Analysis	Date: 5	/24/2017	S	SeqNo: 1	354534	Units: µg/L			
Analyte	Result	POI	SPK value	SPK Ref Val	%REC	Lowl imit	Highl imit	%RPD	RPDI imit	Qual

0

0

0

0

0

0

0

70.4

80.6

85.9

88.5

89.3

88.7

88.1

91.5

63.4

63

80

80

80

80

80

80

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Methyl tert-butyl ether (MTBE)

Benzene

Toluene

Ethylbenzene

Xylenes, Total

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

Surr: 4-Bromofluorobenzene

Н Holding times for preparation or analysis exceeded

2.5

1.0

1.0

1.0

2.0

1.0

1.0

20.00

20.00

20.00

20.00

60.00

20.00

20.00

20.00

14

16

17

18

54

18

18

18

- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank

127

126

120

120

120

120

120

120

Page 5 of 6

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- Sample container temperature is out of limit as specified W

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Apex Titan, Inc.

Project: Largo Compressor Station

Sample ID 1705A77-002AMS	D SampT	ype: MS	E: MSD TestCode: EPA Method 8021B: Volatiles							
Client ID: MW-75	Batch	n ID: R4	3027	F	RunNo: 4					
Prep Date:	Analysis D	Analysis Date: 5/24/2017			eqNo: 1	354535	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	14	2.5	20.00	0	70.0	63.4	127	0.587	20	
Benzene	16	1.0	20.00	0	81.2	63	126	0.696	20	
Toluene	17	1.0	20.00	0	86.2	80	120	0.330	20	
Ethylbenzene	18	1.0	20.00	0	89.4	80	120	0.939	20	
Xylenes, Total	54	2.0	60.00	0	90.4	80	120	1.25	20	
1,2,4-Trimethylbenzene	18	1.0	20.00	0	90.3	80	120	1.87	20	
1,3,5-Trimethylbenzene	18	1.0	20.00	0	89.1	80	120	1.18	20	
Surr: 4-Bromofluorobenzene	18		20.00		92.4	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: **1705A77** 25-May-17

Page 6 of 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental A Albuq TEL: 505-345-3975 F Website: www.hall	nalysis Laboratory 4901 Hawkins NE juerque, NM 87109 FAX: 505-345-4107 environmental.com	Sample Log-In Check List			
Client Name: APEX Titan	Work Order Number:	1705A77		RcptNo: 1		
Received By: Anne Thorne 5/	19/2017 7:15:00 AM	6	Jone Han			
Completed By: Ashtey Gallegos 5/	19/2017 12:28:58 PM	9	AZ			
Reviewed By: 572.C 05/19/1	7		0			
Chain of Custody						
1. Custody seals intact on sample bottles?		Yes	No 🗌	Not Present 🗹		
2. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present		
3. How was the sample delivered?		<u>Courier</u>				
Log In						
4. Was an attempt made to cool the samples?		Yes 🗹	No 🗌			
5. Were all samples received at a temperature of	>0° C to 6.0°C	Yes 🗹	No 🗌			
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗌			
7. Sufficient sample volume for indicated test(s)?		Yes 🗸	No 🗌			
8. Are samples (except VOA and ONG) properly	preserved?	Yes 🖌	No 🗔			
9. Was preservative added to bottles?		Yes	No 🔽	NA 🗌		
10.VOA vials have zero headspace?		Yes 🗹	No 🗌	No VOA Vials		
11. Were any sample containers received broken?	?	Yes 🗆	No 🗹	# of preserved bottles checked		
 Does paperwork match bottle labels? (Note discrepancies on chain of custody) 		Yes 🗹	No 🗌	for pH: (<2 or >12 unless	noted	
13. Are matrices correctly identified on Chain of Cu	ustody?	Yes 🗹	No 🗌	Adjusted?		
14. Is it clear what analyses were requested?		Yes 🗹	No 🗌			
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:		
Special Handling (if applicable)						
16. Was client notified of all discrepancies with this	s order?	Yes	No 🗌	NA 🔽		
Person Notified:	Date	ta, addonti bi olikanati andon olaka bakalar mang	CARLES AND CARLES OF A			
By Whom:	Via:	eMail 🗌 Phoi	ne 🗌 Fax	In Person		
Regarding:		1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Client Instructions:]						
Cooler No Temp °C Condition Seal	Intact Seal No S	Seal Date Sid	aned By			
1 1.0 Good Yes						
Page 1 of 1	······		- ·· ·			

							CHAIN OF CUSTODY RECO
-					ANALYSIS		Lab use only
	Laboraton/	Hell,	Fall		REQUESTE	ed / / /	Due Date:
	Laboratory.	Nm		-			
ALLA Alte NM	Address:	1.1.1		-	III	Temp. of coolers	
Office Location TLTCL-	Contrati A	ELLO	nan				
	Contact: 4	FIRE			- 🎝 /		
	Phone:			-		Paged	
Project Manager <u>A Summer S</u>	PO/SO #:				= , 1	I I I	
Chad DAponti	Sampler's Signature	120	5		ET I		
Proj. No. Project Name	Con DISSON Sto	tion	Type of Conta	ainers	- 22		
Matrix Date Time C G m a Identifying M	larks of Sample(s)	Depth	A'G 1 U.	Glass	2 / /	[] []	Lab Sample ID (Lab Use Only)
W 5/,7/17 15:20 M.W	-42	3			X		1705A77.0C
5/12/17 13:45 MW.	75	1			1		-002
5/18/0930 MW.	- 89						-003
10:00 mw-	88						-004
10:30 mw-	90						-005
11:00 00	- 8	1					-0010
1:20 mw-	38						-007
1200 mw	-15						- 705
1220 124	-14	1		+ + +			-009
1200 000	-7						-1217
Turn around time	□ 50% Rush □ 100% R	lush			1		
Relinguished by (Signature) Date:	Time: Received by: (Signature)	_	Date: 5/18/17	Time: N 1449	IOTES:	August Ala
Romquished by (Signature) Date: Date: 1/3/17	Time: Received by: (Signatiure)		Date:	Time: 7. 0715	B.11 to	HPER COOP Kate
reinquished by (signature) Date:	inne: neceived by: (Signature)		Uate:	nine:		
Relinquished by (Signature) Date:	Time: Received by: (Signature)	and also a second a se	Date:	Time:		
Matnx WW - Wastewater W - Water Container VCA - 40 mil vial A/G - Amber /	S - Soll SD - Sold L - Or Glass 1 Liter 25	Liquid /	A - Air Bag wide mouth	C - C P/O -	harcoal tube SL Plastic or other	- sludge O	- Oil

L.

Apex TITAN, Inc. • 606 S. Rio Grande, Suite A, Downstairs • Aztec, New Mexico 87410 • Office: 505-334-5200 • Fax: 505-334-5204

										CHAIN OF CUSTODY RECORD
X			Laboratory	Hall	En	v			ANALYSIS REQUESTED	Lab use only Due Date:
APEX Aztec NM Address: ABE NM								Temp. of coolers / C when received (C1):		
Contact: A. Fice man									\mathbb{N}	1 2 3 4 5
	Phone:								$ \mathcal{P} / / $	Pageof
Project Mana	Project Manager K · Summer > PO/SO #:								5////	
Sampler's Name Sampler's Signature										
Proj. Na.	Pro	iject Name Laigo (C	m115801	station	No/Ty	pe of Co	ontainers		*	
Matrix Date	Time or	a dentifying	Marks of Sampleis)	Start Cepth End Cepth	VOA	A'G	Class Glass	D'd		Lab Sample IC (Lab Use Only)
w s/isto	13:30	me	0-13		3				X	1705A77.011
									_	-012
										-614-
		Trip	Black STAIL	1-					1-	-015-
		ſ	V						125	- 012
									Ø	
Turn around time	Normal	25% Rush	50% Rush	100% Rush	1				The NOTES	
Relinguished by	(Signature)	Date:	1449 Hecan	Wed by: (Signa	alf-	-	5/18	In	1449 NOTES:	
Relinquished by	(Signature)	Date: 5/18/1-7	Time: Receiv	ed by: (Signa	atore	~	Date	an	Time: B; 11	to Apex
Rekinquished by (Signature) Date: Time: Received by: (Signature) Date: Date:						Time:	Corp Rate			
Relinquished by	(Signature)	Date:	Time: Receiv	ved by: (Signa	iture)		Date	3:	Time:	
Matrix WV	W - Wastewater	W - Water	S - Soil SD - So r (Or Glass 1 Liter	id L-Lqui	d A -	Air Ba		- Cha	rcnal tube SL - sludge O - C	

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 25, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1705B31

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 5/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	all Environmental Analysis Laboratory, Inc.]	Lab Order: 1705B31 Date Reported: 5/25/2017			
CLIENT: A Project: L	pex Titan, Inc. argo CS				Lab (Drder: 1705B	331		
Lab ID:	1705B31-001			Collection Da	te: 5/	19/2017 9:50:00 Al	M		
Client Sample ID:	MW-36			Matr	ix: A	QUEOUS			
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Batch ID		
EPA METHOD 802	1B: VOLATILES					Ana	alyst: NSB		
Benzene		ND	1.0	µg/L	1	5/24/2017 6:28:02	PM R43027		
Toluene		ND	1.0	µg/L	1	5/24/2017 6:28:02	PM R43027		
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 6:28:02	PM R43027		
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 6:28:02	PM R43027		
Surr: 4-Bromoflue	probenzene	92.3	80-120	%Rec	1	5/24/2017 6:28:02	PM R43027		
Lab ID:	1705B31-002			Collection Da	te: 5/	19/2017 10:40:00 A	M		
Client Sample ID:	MW-43			Matu	ix: A	QUEOUS			
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch ID		
EPA METHOD 802	1B: VOLATILES					Ana	alyst: NSB		
Benzene		ND	1.0	µg/L	1	5/24/2017 6:51:40	PM R43027		
Toluene		ND	1.0	µg/L	1	5/24/2017 6:51:40	PM R43027		
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 6:51:40	PM R43027		
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 6:51:40	PM R43027		
Surr: 4-Bromoflue	probenzene	91.0	80-120	%Rec	1	5/24/2017 6:51:40	PM R43027		
Lab ID:	1705B31-003	and an an a share an		Collection Da	ate: 5/	19/2017 11:25:00 A	AM		
Client Sample ID:	MW-41			Mati	rix: A	QUEOUS			
Analyses		Result	PQL Qu	al Units	DI	7 Date Analyzed	Batch ID		
EPA METHOD 802	1B: VOLATILES					Ana	alyst: NSB		
Benzene		ND	1.0	µg/L	1	5/24/2017 7:15:09	PM R43027		
Toluene		ND	1.0	µg/L	1	5/24/2017 7:15:09	PM R43027		
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 7:15:09	PM R43027		
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 7:15:09	PM R43027		
Surr: 4-Bromoflue	probenzene	91.0	80-120	%Rec	1	5/24/2017 7:15:09	PM R43027		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method B	lank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	Pa
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	1 4
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	

S % Recovery outside of range due to dilution or matrix

W Sample container temperature is out of limit as specified

Page 1 of 4

Analytical Report

Hall Enviro	all Environmental Analysis Laboratory, Inc.					Date Reported: 5/25/2017			
CLIENT: Project:	Apex Titan, Inc. Largo CS				Lab C)rder: 1705	B31		
Lab ID:	1705B31-004			Collection D	ate: 5/1	9/2017 12:15:00	PM		
Client Sample II	D: MW-51			Mat	trix: A(QUEOUS			
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	atch ID	
EPA METHOD 8	021B: VOLATILES					An	alyst	NSB	
Benzene		1.3	1.0	µg/L	1	5/24/2017 7:38:43	B PM	R43027	
Toluene		ND	1.0	µg/L	1	5/24/2017 7:38:43	B PM	R43027	
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 7:38:43	B PM	R43027	
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 7:38:43	B PM	R43027	
Surr: 4-Bromo	fluorobenzene	90.3	80-120	%Rec	1	5/24/2017 7:38:43	3 PM	R43027	
Lab ID:	1705B31-005			Collection D	Date: 5/2	19/2017 1:15:00 P	ΡM		
Client Sample II	D: MW-40R			Ma	trix: A(QUEOUS			
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Ba	atch ID	
EPA METHOD 8	021B: VOLATILES					Ar	alyst	NSB	
Benzene		ND	1.0	µg/L	1	5/24/2017 8:02:12	2 PM	R43027	
Toluene		ND	1.0	µg/L	1	5/24/2017 8:02:12	2 PM	R43027	
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 8:02:12	2 PM	R43027	
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 8:02:12	2 PM	R43027	
Surr: 4-Bromo	fluorobenzene	84.9	80-120	%Rec	1	5/24/2017 8:02:12	2 PM	R43027	
Lab ID:	1705B31-006			Collection D	Date: 5/	19/2017 2:05:00 F	'M		
Client Sample II	D: MW-9			Ma	trix: A	QUEOUS			
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Ba	atch ID	
EPA METHOD 8	021B: VOLATILES					Ar	nalyst	NSB	
Benzene		ND	1.0	µg/L	1	5/24/2017 8:25:40) PM	R43027	
Toluene		ND	1.0	µg/L	1	5/24/2017 8:25:40) PM	R43027	
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 8:25:40) PM	R43027	
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 8:25:40) PM	R43027	
Surr: 4-Bromo	fluorobenzene	84.3	80-120	%Rec	1	5/24/2017 8:25:40) PM	R43027	

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Qualifiers:

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
 - Analyte detected below quantitation limits J Page 2 of 4

Analytical Report Lab Order: 1705B31

- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environ	Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/25/2017							
CLIENT: Project:	Apex Titan, Inc. Largo CS				Lab C)rder: 1705	B31	
Lab ID:	1705B31-007			Collection 1	Date: 5/1	9/2017 2:55:00 F	ΡM	
Client Sample ID:	MW-6	Matrix: AQUEOUS						
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 80	21B: VOLATILES					Ar	alyst	NSB
Benzene		ND	1.0	µg/L	1	5/24/2017 8:49:22	2 PM	R43027
Toluene		ND	1.0	µg/L	1	5/24/2017 8:49:22	2 PM	R43027
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 8:49:22	2 PM	R43027
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 8:49:22	2 PM	R43027
Surr: 4-Bromofle	uorobenzene	87.4	80-120	%Rec	1	5/24/2017 8:49:22	2 PM	R43027
Lab ID:	1705B31-008			Collection 1	Date: 5/1	9/2017 3:35:00 F	'M	
Client Sample ID:	: MW-16			Ma	atrix: AC	QUEOUS		
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 80	21B: VOLATILES					Ar	nalyst	NSB
Benzene		3.1	1.0	µg/L	1	5/24/2017 9:12:52	2 PM	R43027
Toluene		ND	1.0	µg/L	1	5/24/2017 9:12:52	2 PM	R43027
Ethylbenzene		ND	1.0	µg/L	1	5/24/2017 9:12:52	2 PM	R43027
Xylenes, Total		ND	2.0	µg/L	1	5/24/2017 9:12:52	2 PM	R43027
Surr: 4-Bromofle	uorobenzene	86.0	80-120	%Rec	1	5/24/2017 9:12:52	2 PM	R43027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Qualifiers: Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 4
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Lab Order: 1705B31

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, l	Inc.

Client:Apex Titan, Inc.Project:Largo CS

Sample ID	RB	SampT	ype: ME	BLK	Test	tCode: E	PA Method	8021B: Volat	iles		
Client ID:	PBW	Batch	ID: R4	3027	R	anNo: 4	43027				
Prep Date:		Analysis D	ate: 5/	24/2017	S	eqNo: '	1354530	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	1.0								
Toluene		ND	1.0								
Ethylbenzene		ND	1.0								
Xylenes, Total		ND	2.0								
Surr: 4-Bron	nofluorobenzene	19		20.00		96.1	80	120			
Sample ID	100NG BTEX LCS	SampT	ype: LC	S	Tes	tCode: E	PA Method	8021B: Volat	iles		
Client ID:	LCSW	Batch	ID: R4	3027	F	RunNo: 4	43027				
Prep Date:		Analysis D	ate: 5/	24/2017	S	eqNo: '	1354531	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		18	1.0	20.00	0	92.0	71.7	126			
Toluene		19	1.0	20.00	0	93.3	73.3	119			
Ethylbenzene		19	1.0	20.00	0	95.1	80	120			
Xylenes, Total		57	2.0	60.00	0	95.7	80	120			
Surr: 4-Bron	nofluorobenzene	20		20.00		99.4	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 4 of 4

WO#: 1705B31

25-May-17

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmenta Alı TEL: 505-345-397 Website: www.h	nl Analysis Laborat 4901 Hawkins buquerque, NM 87 5 FAX: 505-345-4 pallenvironmental.c	NE 109 Sam 107	ple Log-In Check List
Client Name: APEX AZTEC	Work Order Numbe	r: 1705B 31		RcptNo: 1
Received By: Anne Thorne	5/20/2017 11:15:00 A	м	are Hom	_
Completed By: Anne Thorne	5/22/2017 8:50:46 AM	Л	Ann Al-	-
Reviewed By: 05	5/22/17			
Chain of Custody		-5	24	
1. Custody seals intact on sample bottles	7	Yes 🗹	ONO [Not Present
2. Is Chain of Custody complete?		Yes 🗹	No 🗔	Not Present
3. How was the sample delivered?		Courier		
Log In				
4. Was an attempt made to cool the sam	ples?	Yes 🗹	No 🗔	
5. Were all samples received at a temper	ature of >0° C to 6.0°C	Yes 🗹	No 🗌	
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
7. Sufficient sample volume for indicated	lest(s)?	Yes 🗹	No 🗌	
8. Are samples (except VOA and ONG) p	roperly preserved?	Yes 🖌	No 🗌	
9. Was preservative added to bottles?		Yes	No 🗹	NA 🗌
10.VOA vials have zero headspace?		Yes 🗹	No 🗌	No VOA Vials V
11. Were any sample containers received	broken?	Yes	No 🔽	that areas and
12. Does paperwork match bottle labels?		Yes 🖌	No 🗌	bottles checked for pH:
(Note discrepancies on chain of custod	y)		No. 🖂	(<2 or >12 unless noted) Adjusted?
14 Is it clear what analyses were requested	an of Custody?	Yes V		
 Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 🗆	Checked by:
Special Handling (if applicable)				
16. Was client notified of all discrepancies	with this order?	Yes	No 🗌	NA 🗹
Person Notified:	Date			
By Whom:	Via:	eMail P	hone 🗌 Fax	In Person
Regarding:	N IN 2016 Min Sandra Martin Martin and Annah Ang Parla Sandra Ang Panganan Ang Panganan Ang Panganan Ang Pangan	ndelania andaŭ di Baskara data aliandelon		2011 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 2012 - 20
Client Instructions:	andrandrak Mandada da			shun tanan di alamatan ini mini kati kata antara dan d
17. Additional remarks:				
18. <u>Cooler Information</u> Cooler No Temp °C Condition 1 2.8 Good	Seal Intact Seal No	Seal Date	Signed By	
Page of		A	.: _ 	- · <u></u>

CHAIN OF CUSTODY RECORD

			ANALYSIS	Lab use only
	Laboratory: Hall		REQUESTED	
APEX	Address:ABQ	NM		Temp. of coolers 28
Office Location Aztec, NM				when received (C°):
	Contact:	eman		
	Phone:	17 2011		Pageof
Project Manager	PO/SO #: 725040	112154	9///	
Ranee Deechilly	Renthalling	5	3	
Proj. No. Project Name		No/Type of Containers	1 °₹. / / / / /	
725040112154 Lavyo C	5		4 / / / / / /	
Matrix Date Time O T Identifying Mar	ks of Sample(s) Start Depth	VOA A/G 1Lf. Jar P/O		Lab Sample ID (Lab Use Only)
W 5/19/17 950 MU	V-36	3	X	1705 831-001
1 1040 MM	1-43	ſ		-02
1125 MI	N-41.			703
1215 M	w-51			-204
1315 M	IW-YOR			TUS
1405 Mr	1-9			-206
V V 1455 MI	N-le.			-207
* V 535 M	10-16	V	V	805
Belinquished by (Signature) Date: T	ime: Received by: (Signat	ture) Date:	Time: NOTES:	
Relinquished by (Signature) Date: T	50 Un -		///5	sill to heav
	ine. neceived by. (Signal	Dale.		June 10 Arger
Relinquished by (Signature) Date: T	ime: Received by: (Signat	ture) Date:	Time: (0	iporate Mite
Relinquished by (Signature) Date: T	ime: Received by: (Signat	ture) Date:	Time:	
Matrix WW - Wastewater W - Water S	- Soil SD - Solid L - Liquid	A - Air Bag C - Cha	rcoal tube SL - sludge O -	Oil



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 31, 2017

Kyle Summers APEX TITAN 606 S. Rio Grande Suite A Aztec, NM 87410 TEL: (903) 821-5603 FAX

OrderNo.: 1705C69

Dear Kyle Summers:

RE: Largo CS

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/24/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Envir	Iall Environmental Analysis Laboratory, Inc.					Lab Order: 1705C69 Date Reported: 5/31/2017			
CLIENT: Project:	APEX TITAN Largo CS				L	ab C)rder: 17050	C69	
Lab ID:	1705C69-001			Co	ollection Date:	5/2	22/2017 10:25:00	AM	
Client Sample	ID: MW-50				Matrix:	A	DUEOUS		
Analyses		Result	POL	Oual I	Units	DF	Date Analyzed	Ba	tch ID
		resure	. 47	Quin .			Dute mung Deu		
EPA METHOD	0 8260: VOLATILES SHO	RT LIST					An	alyst:	RAA
Benzene		ND	1.0		µg/L	1	5/30/2017 12:03:0	0 PM	R43144
Toluene		ND	1.0		µg/L	1	5/30/2017 12:03:0	0 PM	R43144
Ethylbenzene		ND	1.0		µg/L	1	5/30/2017 12:03:0	0 PM	R43144
Xylenes, Tota	1	ND	1.5		µg/L	1	5/30/2017 12:03:0	0 PM	R43144
Surr: 1,2-Di	ichloroethane-d4	106	70-130		%Rec	1	5/30/2017 12:03:0	0 PM	R43144
Surr: 4-Broi	mofluorobenzene	105	70-130		%Rec	1	5/30/2017 12:03:0	0 PM	R43144
Surr: Dibror	mofluoromethane	110	70-130		%Rec	1	5/30/2017 12:03:0	0 PM	R43144
Surr: Tolue	ne-d8	102	70-130		%Rec	1	5/30/2017 12:03:0	0 PM	R43144
Lab ID:	1705C69-002			Co	ollection Date:	5/2	22/2017 11:15:00	AM	
Client Sample	ID: MW-39				Matrix	A	QUEOUS		
Analyses		Result	PQL	Qual I	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 8260: VOLATILES SHO	RT LIST					An	alyst:	RAA
Benzene		19	1.0		ug/l	1	5/30/2017 1.15.00	PM	R43144
Toluene		ND	1.0		ug/l	1	5/30/2017 1:15:00	PM	R43144
Ethylbenzene		ND	1.0		ug/l	1	5/30/2017 1:15:00	PM	R43144
Xylenes Tota	1	ND	1.5		ug/l	1	5/30/2017 1:15:00	PM	R43144
Surr: 1 2-Di	ichloroethane-d4	104	70-130		%Rec	1	5/30/2017 1:15:00	PM	R43144
Surr: 4-Bro	mofluorobenzene	106	70-130		%Rec	1	5/30/2017 1:15:00	PM	R43144
Surr: Dibroi	mofluoromethane	110	70-130		%Rec	1	5/30/2017 1:15:00	PM	R43144
Surr: Tolue	ne-d8	102	70-130		%Rec	1	5/30/2017 1:15:00	PM	R43144
Lah ID:	1705069-003			C	ollection Date	5/	22/2017 12:05:00	PM	
Client Sample	e ID: MW-52				Matrix:	A	OUEOUS	1 1 1	
Analyses		Result	PQL	Qual 1	Units	DF	Date Analyzed	Ba	tch ID
		DT LIGT						alvat	DAA
	D 0200: VOLATILES SHO						AII	aiyst.	RAA
Benzene		ND	1.0		µg/L	1	5/30/2017 1:39:00	PM	R43144
loluene		ND	1.0		µg/L	1	5/30/2017 1:39:00	PM	R43144
Etnylbenzene		ND	1.0		µg/L	1	5/30/2017 1:39:00	PM	R43144
Xylenes, Tota		ND	1.5		µg/L	1	5/30/2017 1:39:00	PM	R43144
Surr: 1,2-D	icnioroetnane-d4	111	70-130		%Rec	1	5/30/2017 1:39:00	PM	R43144
Surr: 4-Bro	motiuorobenzene	104	70-130		%Rec	1	5/30/2017 1:39:00	PM	R43144
Surr: Dibro	motiuoromethane	113	70-130		%Rec	1	5/30/2017 1:39:00	PM	R43144
Surr: Tolue	ne-d8	103	70-130		%Rec	1	5/30/2017 1:39:00	PM	R43144
Refer t	to the QC Summary report	and sample log	in checkli	st for fla	agged QC data	and	preservation inform	natio	n.
Qualifiers:	* Value exceeds Maximum C	ontaminant Level.		В	Analyte detected	d in t	he associated Method I	3 lank	
Ι	D Sample Diluted Due to Mat	rix		Е	Value above qu	antita	ation range		

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix J Analyte detected below quantitation limits Page 1 of 5

Analytical Report

Р Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Envi	ronmental Analys	is Laborat	ory, In	c.	Lab Order: Date Repo	1705C69 rted: 5/31/20	17
CLIENT: Project:	APEX TITAN Largo CS				Lab Order:	1705C69)
Lab ID:	1705C69-004			Collection	Date: 5/22/2017	:00:00 PM	
Client Sample	ID: MW-32			\mathbf{N}	latrix: AQUEOUS		
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed F	Batch ID
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	st: RAA
Benzene		ND	1.0	µg/L	1 5/30/20	17 2:02:00 PM	R43144
Toluene		ND	1.0	µg/L	1 5/30/20	17 2:02:00 PM	R43144
Ethylbenzene		ND	1.0	µg/L	1 5/30/20	17 2:02:00 PM	R43144
Xylenes, Tota	l	ND	1.5	µg/L	1 5/30/20	17 2:02:00 PM	R43144
Surr: 1,2-D	ichloroethane-d4	110	70-130	%Rec	1 5/30/20	17 2:02:00 PM	R43144
Surr: 4-Bro	mofluorobenzene	105	70-130	%Rec	1 5/30/20	17 2:02:00 PM	R43144
Surr: Dibro	mofluoromethane	114	70-130	%Rec	1 5/30/20	17 2:02:00 PM	R43144
Surr: Tolue	ne-d8	103	70-130	%Rec	1 5/30/20	17 2:02:00 PM	R43144
Lab ID:	1705C69-005			Collection	Date: 5/22/2017	:50:00 PM	
Client Sample	e ID: MW-34			Ν	fatrix: AQUEOUS	•	
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed H	Batch ID
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	st: RAA
Benzene		ND	1.0	µg/L	1 5/30/20	17 2:26:00 PM	R43144
Toluene		ND	1.0	µg/L	1 5/30/20	17 2:26:00 PM	R43144
Ethylbenzene	1	ND	1.0	µg/L	1 5/30/20	17 2:26:00 PM	R43144
Xylenes, Tota	ll l	ND	1.5	µg/L	1 5/30/20	17 2:26:00 PM	R43144
Surr: 1,2-D	ichloroethane-d4	112	70-130	%Rec	1 5/30/20	17 2:26:00 PM	R43144
Surr: 4-Bro	mofluorobenzene	104	70-130	%Rec	1 5/30/20	17 2:26:00 PM	R43144
Surr: Dibro	mofluoromethane	119	70-130	%Rec	1 5/30/20	17 2:26:00 PM	R43144
Surr: Tolue	ene-d8	103	70-130	%Rec	1 5/30/20	17 2:26:00 PM	I R43144
Lab ID:	1705C69-006			Collection	Date: 5/22/2017	3:35:00 PM	
Client Sample	e ID: MW-83			Ν	fatrix: AQUEOUS	2	
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed H	Batch ID
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	st: RAA
Benzene		ND	1.0	µg/L	1 5/30/20	17 2:50:00 PM	R43144
Toluene		ND	1.0	µg/L	1 5/30/20	17 2:50:00 PM	R43144
Ethylbenzene		ND	1.0	µg/L	1 5/30/20	17 2:50:00 PM	R43144
Xylenes, Tota		ND	1.5	µg/L	1 5/30/20	17 2:50:00 PM	R43144
Surr: 1,2-D	ichloroethane-d4	112	70-130	%Rec	1 5/30/20	17 2:50:00 PM	R43144
Surr: 4-Bro	mofluorobenzene	105	70-130	%Rec	1 5/30/20	17 2:50:00 PM	R43144
Surr: Dibro	mofluoromethane	115	70-130	%Rec	1 5/30/20	17 2:50:00 PM	R43144
Surr: Tolue	ene-d8	102	70-130	%Rec	1 5/30/20	17 2:50:00 PM	R43144
Refer t	to the QC Summary report	and sample log	in checkli	st for flagged QC	C data and preservat	ion informat	ion.
Qualifiers:	* Value exceeds Maximum C	ontaminant Level.		B Analyte	detected in the associate	ed Method Blan	k
I	D Sample Diluted Due to Mat	rix		E Value a	bove quantitation range		

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- J Analyte detected below quantitation limits Page 2 of 5

Analytical Report

- Р Sample pH Not In Range
- RL Reporting Detection Limit

Sample container temperature is out of limit as specified W

Thun Envi							Date Reported. 3/31/2017				
CLIENT: Project:	APEX TITAN Largo CS				Lab Or	der: 1705	C69				
Lab ID: Client Sample	1705C69-007 e ID: MW-80			Collection I Ma	Date: 5/22	/2017 4:20:00 F JEOUS	ΡM				
Analyses		Result	PQL Qu	al Units	DF I	Date Analyzed	Batch ID				
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Ar	nalyst: RAA				
Benzene		ND	1.0	µg/L	1	5/30/2017 3:14:00	PM R43144				
Toluene		ND	1.0	µg/L	1	5/30/2017 3:14:00	PM R43144				
Ethylbenzene	9	ND	1.0	µg/L	1	5/30/2017 3:14:00	PM R43144				
Xylenes, Tota	al	ND	1.5	µg/L	1	5/30/2017 3:14:00	PM R43144				
Surr: 1,2-D	Dichloroethane-d4	111	70-130	%Rec	1	5/30/2017 3:14:00	PM R43144				
Surr: 4-Bro	omofluorobenzene	104	70-130	%Rec	1	5/30/2017 3:14:00	PM R43144				
Surr: Dibro	omofluoromethane	117	70-130	%Rec	1	5/30/2017 3:14:00	PM R43144				
Surr: Tolue	ene-d8	101	70-130	%Rec	1	5/30/2017 3:14:00	PM R43144				

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1705C69

Date Reported: 5/31/2017

Qualifiers: *	Value excee	eds Maximum Co	ontaminant Level.
---------------	-------------	----------------	-------------------

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

APEX TITAN **Client: Project:** Largo CS

Sample ID 100ng los	Samp		6	Tos		PA Mothod	8260: Volatil	s Short I	ict	
	Data		0444	103			0200. Volatile	S SHOTT L	.151	
Client ID: LCSW	Batc	n ID: R4	3144	H	unno: 4	3144				
Prep Date:	Analysis [Date: 5/	30/2017	5	SeqNo: 1	357847	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	99.5	70	130			
Toluene	20	1.0	20.00	0	99.5	70	130			
Ethylbenzene	20	1.0	20.00	0	101	70	130			
Xylenes, Total	60	1.5	60.00	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			
Sample ID rb	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8260: Volatile	es Short L	.ist	
Client ID: PBW	Batc	h ID: R4	3144	F	RunNo: 4	3144				
Prep Date:	Analysis [Date: 5/	30/2017	S	SeqNo: 1	357849	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		110	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			
Sample ID 1705c69-001ams	Samp	Type: MS	6	Tes	tCode: E	PA Method	8260: Volatile	es Short L	.ist	
Client ID: MW-50	Batc	h ID: R4	3144	F	RunNo: 4	3144				
Prep Date:	Analysis [Date: 5/	30/2017	S	SeqNo: 1	357851	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	112	70	130			
Toluene	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	11		10.00		113	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			
Sample ID 1705c69-001amsc	Samp	Type: MS	SD	Tes	tCode: E	PA Method	8260: Volatile	es Short L	.ist	
Client ID: MW-50	Batc	h ID: R4	3144	F	RunNo: 4	3144				
Prep Date:	Analysis [Date: 5/	30/2017	S	BeqNo: 1	357852	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

Sample container temperature is out of limit as specified W

Page 4 of 5

31-May-17

WO#: 1705C69

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: APEX TITAN Project: Largo CS

		and a second										
Sample ID 1705c69-001amsd	SampT	ype: MS	D	Tes	_ist							
Client ID: MW-50	Batch	n ID: R4	3144	F	RunNo: 43144							
Prep Date:	Analysis D	ate: 5/	30/2017	S	SeqNo: 1	357852	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	22	1.0	20.00	0	109	70	130	2.55	20			
Toluene	20	1.0	20.00	0	102	70	130	2.30	20			
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130	0	0			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130	0	0			
Surr: Dibromofluoromethane	11		10.00		113	70	130	0	0			
Surr: Toluene-d8	10		10.00		103	70	130	0	0			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1705C69

Page 5 of 5

31-May-17

HALL ENVIE ANAL LABO	RONMENTAL YSIS RATORY	Hall Environmental A Albuq TEL: 505-345-3975 I Website: www.hali	Inalysi 4901 querqu FAX: 5 lenviro	s Laboratory Hawkins NE e, NM 87109 05-345-4107 nmental.com	Sample Log-In Check List						
Client Name:	APEX AZTEC	Work Order Number:	17050	C69			RcptNo: 1				
Received By:	Anne Thorne	5/24/2017 7:15:00 AM			Arme J	H	-				
Completed By:	Ashley Gallegos	5/24/2017 3:09:17 PM		U)	AZ						
Reviewed By:	5728 05	5/25/17			V						
Chain of Cus	stody										
1. Custody se	als intact on sample bottle	s?	Yes		No [Not Present 🗹				
2. Is Chain of	Custody complete?		Yes	\checkmark	No		Not Present				
3. How was th	e sample delivered?		Cour	rier							
<u>Log In</u>											
4. Was an att	empt made to cool the sam	nples?	Yes	\checkmark	No [NA 🗌				
5. Were all sa	mples received at a tempe	erature of >0° C to 6.0°C	Yes		No 🗌		NA 🗆				
6. Sample(s)	in proper container(s)?		Yes		No [
7. Sufficient sa	ample volume for indicated	test(s)?	Yes		No [
8. Are sample	s (except VOA and ONG)	properly preserved?	Yes	\checkmark	No [
9. Was preser	vative added to bottles?		Yes		No B	\checkmark	NA 🗌				
10.VOA vials h	ave zero headspace?		Yes	\checkmark	No		No VOA Vials				
11. Were any s	ample containers received	broken?	Yes		No		# of preserved				
12. Does paper	work match bottle labels?	duà	Yes	\checkmark	No		for pH:	2 unless noted)			
12 Are matrice	s correctly identified on Ct	uy) pain of Custody?	Yes		No [Adjusted?	z amood notedy			
14. Is it clear w	hat analyses were request	ed?	Yes		No [
15. Were all ho (If no, notify	lding times able to be met customer for authorization	? n.)	Yes		No [Checked by:				
Special Hand	dling (if applicable)										
16. Was client i	notified of all discrepancies	s with this order?	Yes		No [NA 🔽				
Perso	n Notified:	Date T									
By W	hom:	Via: [eM	ail 🦳 Pho	one 🥅 F	Fax	In Person				
Rega	rding:										
Client	Instructions:		te televene		A						
17. Additional	remarks:										
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Apex TITAN, Inc. • 606 S. Rio Grande, Suite A, Downstairs • Aztec, New Mexico 87410 • Office: 505-334-5200 • Fax: 505-334-5204



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

June 02, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1705C86

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/25/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1705C86 Date Reported: 6/2/2017

CLIENT: Apex Titan, Inc.		Client Sample ID: MW-37											
Project: Largo CS		Collection Date: 5/24/2017 9:40:00 AM											
Lab ID: 1705C86-001	Matrix:	Matrix: AQUEOUS Received Date: 5/25/2017 7:10:00 AM											
Analyses	Result	PQL Qual	Units	DF	Date Analyzed								
EPA METHOD 8260: VOLATILES S	HORT LIST				Analyst: RAA								
Benzene	1100	50	µg/L	50	5/31/2017 12:36:00 PM								
Toluene	ND	10	µg/L	10	5/30/2017 3:38:00 PM								
Ethylbenzene	480	10	µg/L	10	5/30/2017 3:38:00 PM								
Xylenes, Total	2200	15	µg/L	10	5/30/2017 3:38:00 PM								
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	10	5/30/2017 3:38:00 PM								
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	10	5/30/2017 3:38:00 PM								
Surr: Dibromofluoromethane	115	70-130	%Rec	10	5/30/2017 3:38:00 PM								
Surr: Toluene-d8	109	70-130	%Rec	10	5/30/2017 3:38:00 PM								

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 3
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Apex Titan, Inc.

Project: Largo CS

										the state of the s		
Sample ID 100ng Ics	SampT	SampType: LCS TestCode: EPA Method 8260: Volatiles Short List										
Client ID: LCSW	Batch	n ID: R4	3144	F	RunNo: 4	3144						
Prep Date:	Analysis D	ate: 5/	30/2017	5	SeqNo: 1	357847	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Toluene	20	1.0	20.00	0	99.5	70	130					
Ethylbenzene	20	1.0	20.00	0	101	70	130					
Xylenes, Total	60	1.5	60.00	0	100	70	130					
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130					
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130					
Surr: Dibromofluoromethane	11		10.00		109	70	130					
Surr: Toluene-d8	10		10.00		104	70	130					
Sample ID rb	SampT	ype: ME	BLK	TestCode: EPA Method 8260: Volatiles Short List								
Client ID: PBW	Batch	n ID: R4	3144	F	RunNo: 4	3144						
Prep Date:	Analysis D)ate: 5/	30/2017	5	SeqNo: 1	357849	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Toluene	ND	1.0										
Ethylbenzene	ND	1.0										
Xylenes, Total	ND	1.5										
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130					
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130					
Surr: Dibromofluoromethane	11		10.00		110	70	130					
Surr: Toluene-d8	10		10.00		104	70	130					
Sample ID 100ng lcs	SampT	ype: LC	s	Tes	tCode: E	PA Method	8260: Volatil	es Short I	_ist			
Client ID: LCSW	Batch	n ID: R4	3148	F	RunNo: 4	3148						
Prep Date:	Analysis D	Date: 5/	31/2017	5	SeqNo: 1	358317	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	21	1.0	20.00	0	107	70	130					
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130					
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130					
Surr: Dibromofluoromethane	11		10.00		111	70	130					
Surr: Toluene-d8	11		10.00		107	70	130					
Sample ID RB	SampT	ype: MI	BLK	Tes	tCode: E	PA Method	8260: Volatil	es Short I	List			
Client ID: PBW	Batch	n ID: R4	3148	F	RunNo: 4	3148						
Prep Date:	Analysis D	Date: 5	/31/2017	5	SeqNo: 1	358330	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	1.0										
Surr: 1,2-Dichloroethane-d4	11		10.00		108	70	130					
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130					

Qualifiers:

Н ND

> R S

* Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D

Not Detected at the Reporting Limit

RPD outside accepted recovery limits

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank Е Value above quantitation range

- Analyte detected below quantitation limits J
 - Sample pH Not In Range
- RL Reporting Detection Limit

Р

W Sample container temperature is out of limit as specified WO#: 1705C86

Page 2 of 3

02-Jun-17

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Apex Titan, Inc. Project: Largo CS

Sample ID RB	SampType:	IBLK	TestCode: EPA Method 8260: Volatiles Short List								
Client ID: PBW	Batch ID:	43148	RunNo: 43148								
Prep Date:	Analysis Date:	5/31/2017	S	eqNo: 1	358330	Units: µg/L					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: Dibromofluoromethane	12	10.00		116	70	130					
Surr: Toluene-d8	10	10.00		104	70	130					

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 3

WO#: 1705C86 02-Jun-17

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environment Aı TEL: 505-345-39. Website: www.	al Analys 490 Ibuquerqu 75 FAX: . hallenvir	is Laboratory I Hawkins NE ue, NM 87109 505-345-4107 onmental.com	Sam	ple Log-In Che	ck List
Client Name: APEX AZTEC	Work Order Number	er: 1705	iC86		RcptNo: 1	
Received By: Anne Thorne	5/25/2017 7:10:00 A	м	6	Done Ha	~	
Completed By: Andy Jansson Reviewed By:	5/25/2017 8:22:38 A 5[Z5 7	м	a	wy par		
Chain of Custody			_			
1. Is Chain of Custody complete?		Yes	\checkmark	No	Not Present	
2. How was the sample delivered?		Cour	ier			
Log In 3. Was an attempt made to cool th	e samples?	Yes		No 🗌	NA	
4. Were all samples received at a t	emperature of >0° C to 6.0°C	Yes		No 🗌	NA 🗌	
5. Sample(s) in proper container(s)	?	Yes		No 🗌		
6. Sufficient sample volume for indi	cated test(s)?	Yes	\checkmark	No 🗌		
7. Are samples (except VOA and O	NG) properly preserved?	Yes	\checkmark	No 🗌		
8. Was preservative added to bottle	s?	Yes		No 🗹	NA 🗌	
9. VOA vials have zero headspace	?	Yes	\checkmark	No 🗌	No VOA Vials	
10. Were any sample containers rec	eived broken?	Yes		No 🗹	# of preserved	
11. Does paperwork match bottle lab	pels?	Yes	\checkmark	No 🗌	for pH:	unless noted)
12 Are matrices correctly identified	on Chain of Custody?	Yes	V	No 🗌	Adjusted?	
13 Is it clear what analyses were real	quested?	Yes		No 🗌		
14. Were all holding times able to be (If no, notify customer for author)	met?	Yes	\checkmark	No 🗌	Checked by:	
Special Handling (if applica	b/a)					
15. Was client notified of all discrep	ancies with this order?	Yes		No 🗌	NA 🗹	
Person Notified:	Date	<u> </u>		free to the first of the first states		
By Whom:	Via:	I ∏ eM	ail 🗌 Phon	e 🗌 Fax	In Person	
Regarding:						
Client Instructions:	ni Manyi Salatata an manana manana kata da na ang isang i		annianais and sinc and a log	in since a stande	ander an an a share and a share and a share a share and a share	
16. Additional remarks: * Cust	colly Seal pruses	14 4	intac	t.		
17. <u>Cooler Information</u> Cooler No Temp ^o C Co 1 1.0 Goo	ndition Seal Intact Seal No	Seal D	ate Sig	ned By		

																	CH	HAIN OF	CUSTODY RECORD
		,				Laboratory:	ł	lall	E	nu			AR	NALYSIS			$\left[\right]$		Lab use only Due Date:
A		n Az	La	= /	em	Address:		ABO	2 /	in	l		_	\sim			/ /	[]]	Temp. of coolers 1.6 when received (C°):
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						Phone:							_	2	/ / /		/		Page of
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Sampl	er's Name	od D	As	On	J;	Sampler's Sign	ature	4						W					
Proj. N	lo.		Proje	ect Na	ame comp.	lessor S	lat i	01	No/T	ype of C	Containe	ers		x					7-5-66
Matrix	Date	Time	CoEp	Grab	Identifying M	larks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Jar P/O	P/0					Lab	Sample ID (Lab Use Only)
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Turn ar	round time	Nor	mal		25% Rush	□ 50% Rush	100%	Rush									1		
Reling	uished by (Signature)			Date:	Time: Receiv	ed by:	(Signa	ture)	-	5	ate:	7 (Time: NO	TES:		٨		· · · /
Reting	uished by	Signature)		2	Date:	Time: Receiv	ed by:	(Signa	ture)			Date:	In .	Time:	B:11	ti ,	Apr	× le	of Rote
Relinq	uished by (Signature)			Date:	Time: Receiv	red by:	(Signa	ture)		C	Date:		Time:					
Relinq	uished by (Signature)			Date:	Time: Receiv	ed by:	(Signa	ture)		0)ate:		Time:					
Matrix	WV	V - Wastewa	ter		W - Water	S - Soil SD - So Or Glass 1 Liter	lid L	- Liquio	d A Glass	- Air Ba	ag	C - Cł P/O -	Charcoa	I tube SL -	sludge	O - Oil			

Apex TITAN, Inc. • 606 S. Rio Grande, Suite A, Downstairs • Aztec, New Mexico 87410 • Office: 505-334-5200 • Fax: 505-334-5204



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 31, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1705C87

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 5/25/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	nental Analys	is Laborate	ory, In	Lab Order: 1705C87 Inc. Date Reported: 5/31/2017						
CLIENT: A Project: L	pex Titan, Inc. argo CS					La	b O	Prder: 17050	C87	
Lab ID:	1705C87-001			C	ollection	Date:	5/2	23/2017 9:40:00 A	M	
Client Sample ID:	MW-54				\mathbf{M}	latrix:	AQ)UEOUS		
Analyses		Result	PQL	Qual	Units]	DF	Date Analyzed	Ba	tch ID
EPA METHOD 826		TPLITS						An	alvst.	RAA
Densono	. VOLATILLO OTIO		1.0		110/1		1	5/20/2017 4:02:00	DM	D/21//
Teluene			1.0		µg/L		1	5/30/2017 4.02.00	DM	R43144
Toluene			1.0		µg/L		1	5/30/2017 4.02.00	DM	D/31//
Ethylbenzene			1.0		µg/L		1	5/30/2017 4.02.00		R43144
Aylenes, Total	athene da	ND	70 420		µg/L N/Dee		1	5/30/2017 4.02.00		R43144
Surr: 1,2-Dichlord	bethane-d4	110	70-130		%Rec		1	5/30/2017 4.02.00	PIVI	R43144
Surr. 4-Bromoliuc	brobenzene	103	70-130		%Rec		ч я	5/30/2017 4.02.00		D42144
Surr: Dibromofiuc Surr: Toluene-d8	prometnane	115	70-130		%Rec %Rec		1	5/30/2017 4:02:00	PM	R43144 R43144
Lab ID:	1705C87-002			(Collection	Date:	5/2	23/2017 10:25:00	AM	
Client Sample ID:	MW-53				N	latrix:	A	QUEOUS		
Analyses		Result	PQL	Qual	Units		DF	Date Analyzed	Ba	tch ID
EPA METHOD 826	0: VOLATILES SHO	RT LIST						An	alyst:	RAA
Benzene		ND	1.0		µg/L		1	5/30/2017 4:26:00	PM	R43144
Toluene		ND	1.0		µg/L		1	5/30/2017 4:26:00	PM	R43144
Ethylbenzene		ND	1.0		µg/L		1	5/30/2017 4:26:00	PM	R43144
Xylenes, Total		ND	1.5		µg/L		1	5/30/2017 4:26:00	PM	R43144
Surr: 1,2-Dichloro	bethane-d4	112	70-130		%Rec		1	5/30/2017 4:26:00	PM	R43144
Surr: 4-Bromoflue	probenzene	104	70-130		%Rec		1	5/30/2017 4:26:00	PM	R43144
Surr: Dibromofluc	promethane	118	70-130		%Rec		1	5/30/2017 4:26:00	PM	R43144
Surr: Toluene-d8		102	70-130		%Rec		1	5/30/2017 4:26:00	PM	R43144
Lab ID:	1705C87-003			(Collection	Date:	5/2	23/2017 11:00:00	AM	
Client Sample ID:	MW-49				Ν	latrix:	A	QUEOUS		
Analyses		Result	PQL	Qual	Units		DF	Date Analyzed	B	tch ID
EPA METHOD 826	0: VOLATILES SHO	RT LIST						An	alyst:	RAA
Benzene		ND	1.0		µg/L		1	5/30/2017 4:50:00	PM	R43144
Toluene		ND	1.0		µg/L		1	5/30/2017 4:50:00	PM	R43144
Ethylbenzene		ND	1.0		µg/L		1	5/30/2017 4:50:00	PM	R43144
Xylenes, Total		ND	1.5		µg/L		1	5/30/2017 4:50:00	PM	R43144
Surr: 1,2-Dichloro	bethane-d4	111	70-130		%Rec		1	5/30/2017 4:50:00	PM	R43144
Surr: 4-Bromoflue	orobenzene	106	70-130		%Rec		1	5/30/2017 4:50:00	PM	R43144
Surr: Dibromoflue	promethane	117	70-130		%Rec		1	5/30/2017 4:50:00	PM	R43144
Surr: Toluene-d8		101	70-130		%Rec		1	5/30/2017 4:50:00	PM	R43144
Refer to the	QC Summary report	and sample logi	n checkli	st for f	lagged Q0	C data a	nd	preservation inform	matio	n.
Qualifiers: * V	alue exceeds Maximum C	ontaminant Level.		В	8 Analyte	e detected	in tl	he associated Method	Blank	
D Sa	ample Diluted Due to Mat	rix		E	Value a	bove qua	ntita	tion range		
Н Н	olding times for preparatio	on or analysis exceed	ded	J	Analyte	e detected	belo	ow quantitation limits	Pag	ge 1 of 4

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

- S % Recovery outside of range due to dilution or matrix
- RL Reporting Detection Limit

Sample pH Not In Range

Р

W Sample container temperature is out of limit as specified

Analytical Report

Hall Envi	ronmental Analys	is Laborat	Lab Order: 1705C87 tory, Inc. Date Reported: 5/31/2017							
CLIENT: Project:	Apex Titan, Inc. Largo CS				Lab Order:	1705C87				
Lab ID:	1705C87-004			Collection D	ate: 5/23/2017	11:40:00 AM				
Client Sample	e ID: MW-48			Mat	trix: AQUEOU	S				
Analyses		Result	PQL Q	ual Units	DF Date A	nalyzed B	atch ID			
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	t: RAA			
Benzene		3.1	1.0	µg/L	1 5/30/20	017 5:13:00 PM	R43144			
Toluene		ND	1.0	µg/L	1 5/30/20	017 5:13:00 PM	R43144			
Ethylbenzene	9	1.7	1.0	µg/L	1 5/30/20	017 5:13:00 PM	R43144			
Xylenes, Tota	al	1.6	1.5	µg/L	1 5/30/20	017 5:13:00 PM	R43144			
Surr: 1,2-E	Dichloroethane-d4	114	70-130	%Rec	1 5/30/20	017 5:13:00 PM	R43144			
Surr: 4-Bro	omofluorobenzene	103	70-130	%Rec	1 5/30/20)17 5:13:00 PM	R43144			
Surr: Dibro	omofluoromethane	119	70-130	%Rec	1 5/30/20	017 5:13:00 PM	R43144			
Surr: Tolue	ene-d8	101	70-130	%Rec	1 5/30/20)17 5:13:00 PM	R43144			
Lab ID:	1705C87-005			Collection D	ate: 5/23/2017	1:00:00 PM				
Client Sample	e ID: MW-38			Ma	trix: AQUEOU	S				
Analyses		Result	PQL Q	ual Units	DF Date A	nalyzed B	atch ID			
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	t: RAA			
Benzene		ND	1.0	µg/L	1 5/30/20	017 5:37:00 PM	R43144			
Toluene		ND	1.0	µg/L	1 5/30/20	017 5:37:00 PM	R43144			
Ethylbenzene	e	ND	1.0	µg/L	1 5/30/20	017 5:37:00 PM	R43144			
Xylenes, Tota	al	ND	1.5	µg/L	1 5/30/20	017 5:37:00 PM	R43144			
Surr: 1,2-E	Dichloroethane-d4	113	70-130	%Rec	1 5/30/20)17 5:37:00 PM	R43144			
Surr: 4-Bro	omofluorobenzene	105	70-130	%Rec	1 5/30/20	017 5:37:00 PM	R43144			
Surr: Dibro	omofluoromethane	120	70-130	%Rec	1 5/30/20	017 5:37:00 PM	R43144			
Surr: Tolue	ene-d8	102	70-130	%Rec	1 5/30/20)17 5:37:00 PM	R43144			
Lab ID:	1705C87-006			Collection D	ate: 5/23/2017	1:55:00 PM				
Client Sample	e ID: MW-76			Ma	trix: AQUEOU	S				
Analyses		Result	PQL Q	ual Units	DF Date A	nalyzed B	Batch ID			
EPA METHO	D 8260: VOLATILES SHO	RT LIST				Analys	t: RAA			
Benzene		ND	1.0	µg/L	1 5/30/20	017 6:01:00 PM	R43144			
Toluene		ND	1.0	µg/L	1 5/30/20	017 6:01:00 PM	R43144			
Ethylbenzen	e	ND	1.0	µg/L	1 5/30/20	017 6:01:00 PM	R43144			
Xylenes, Tota	al	ND	1.5	µg/L	1 5/30/20	017 6:01:00 PM	R43144			
Surr: 1,2-[Dichloroethane-d4	113	70-130	%Rec	1 5/30/20	017 6:01:00 PM	R43144			
Surr: 4-Bro	omofluorobenzene	104	70-130	%Rec	1 5/30/20	017 6:01:00 PM	R43144			
Surr: Dibro	omofluoromethane	120	70-130	%Rec	1 5/30/20	017 6:01:00 PM	R43144			
Surr: Tolu	ene-d8	103	70-130	%Rec	1 5/30/20	017 6:01:00 PM	R43144			
Refer	to the QC Summary report	and sample log	in checklist i	for flagged QC c	lata and preserva	tion informati	on.			
Qualifiers:	* Value exceeds Maximum C	ontaminant Level.		B Analyte de	tected in the associa	ted Method Blank	¢.			
	D Sample Diluted Due to Mat	rix		E Value abov	ve quantitation range	2				

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

S % Recovery outside of range due to dilution or matrix

- Analyte detected below quantitation limits J Page 2 of 4

Analytical Report

- Р Sample pH Not In Range
- RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

	5		0,9		2	are reported. or	5112011	
CLIENT: A Project: I	Apex Titan, Inc. Largo CS				Lab O	order: 170	5C87	
Lab ID:	1705C87-007			Collection I	Date: 5/2	23/2017 2:50:00	PM	
Client Sample ID:	MW-77			Ma	trix: AQ	QUEOUS		
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 820	60: VOLATILES SHO	RT LIST				A	nalyst	RAA
Benzene		ND	1.0	µg/L	1	5/30/2017 6:25:0	00 PM	R43144
Toluene		ND	1.0	µg/L	1	5/30/2017 6:25:0	00 PM	R43144
Ethylbenzene		ND	1.0	µg/L	1	5/30/2017 6:25:0	00 PM	R43144
Xylenes, Total		ND	1.5	µg/L	1	5/30/2017 6:25:0	DO PM	R43144
Surr: 1,2-Dichlor	roethane-d4	111	70-130	%Rec	1	5/30/2017 6:25:0	00 PM	R43144
Surr: 4-Bromoflu	uorobenzene	105	70-130	%Rec	1	5/30/2017 6:25:0	00 PM	R43144
Surr: Dibromoflu	oromethane	119	70-130	%Rec	1	5/30/2017 6:25:0	00 PM	R43144
Surr: Toluene-da	8	102	70-130	%Rec	1	5/30/2017 6:25:0)0 PM	R43144
Lab ID:	1705C87-008			Collection I	Date: 5/2	23/2017 3:40:00	PM	
Client Sample ID:	MW-79			Ma	trix: AQ	UEOUS		
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 82	60: VOLATILES SHO	RT LIST				Α	nalyst	RAA
Benzene		ND	1.0	µg/L	1	5/30/2017 6:49:0	00 PM	R43144
Toluene		ND	1.0	µg/L	1	5/30/2017 6:49:0	00 PM	R43144
Ethylbenzene		ND	1.0	µg/L	1	5/30/2017 6:49:0	00 PM	R43144
Xylenes, Total		ND	1.5	µg/L	1	5/30/2017 6:49:0	00 PM	R43144
Surr: 1,2-Dichlor	roethane-d4	114	70-130	%Rec	1	5/30/2017 6:49:0	00 PM	R43144
Surr: 4-Bromoflu	uorobenzene	106	70-130	%Rec	1	5/30/2017 6:49:0	00 PM	R43144
Surr: Dibromoflu	uoromethane	120	70-130	%Rec	1	5/30/2017 6:49:0	00 PM	R43144
Surr: Toluene-da	8	102	70-130	%Rec	1	5/30/2017 6:49:0	00 PM	R43144

Hall Environmental Analysis Laboratory, Inc.

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	R	RPD outside accepted recovery limits

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Lab Order: 1705C87

Date Reported: 5/31/2017

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Apex Titan, Inc. **Client: Project:**

Largo CS

Sample ID 100ng Ics	SampType: LCS TestCode: EPA Method 8260: Volatiles Short List									
Client ID: LCSW	Batch	1D: R4	3144	R	unNo: 4	3144				
Prep Date:	Analysis D	ate: 5/	30/2017	S	eqNo: 1	357847	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	99.5	70	130			
Toluene	20	1.0	20.00	0	99.5	70	130			
Ethylbenzene	20	1.0	20.00	0	101	70	130			
Xylenes, Total	60	1.5	60.00	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
	40		10.00		104	70	130			
Surr: Toluene-d8	10		10.00		104	10	150			
Sample ID rb	SampT	vpe: ME	3LK	Tes	tCode: E	PA Method	8260: Volatile	es Short L	.ist	
Surr: Toluene-d8	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8260: Volatile	es Short L	.ist	
Sample ID rb Client ID: PBW	SampT Batch	ype: ME	3144	Tes	tCode: El RunNo: 4	PA Method 3144	8260: Volatile	es Short L	ist	
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date:	SampT Batch Analysis D	ype: ME 1D: R4 ate: 5 /	3144 30/2017	Tes F S	tCode: El RunNo: 4 SeqNo: 1	PA Method 3144 357849	8260: Volatile	es Short L	ist	
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte	SampT Batch Analysis D Result	Type: ME n ID: R4 Date: 5/ PQL	3144 30/2017 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit	%RPD	.ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene	SampT Batch Analysis D Result ND	ype: ME n ID: R4 Date: 5/ PQL 1.0	3144 30/2017 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit	es Short L %RPD	.ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene	SampT Batch Analysis D Result ND ND	ype: ME n ID: R4 Date: 5/ PQL 1.0 1.0	3144 30/2017 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit	%RPD	.ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result ND ND ND	ype: ME n ID: R4 Date: 5/ PQL 1.0 1.0 1.0	3144 30/2017 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 4 BeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit	%RPD	ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batch Analysis D Result ND ND ND ND	Type: ME n ID: R4 Date: 5/ PQL 1.0 1.0 1.0 1.5	3144 30/2017 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit	%RPD	ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4	SampT Batch Analysis D Result ND ND ND ND ND 10	ype: ME Dote: 5/ PQL 1.0 1.0 1.0 1.5	3LK 3144 30/2017 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 3144 357849 LowLimit	8260: Volatile Units: µg/L HighLimit 130	%RPD	ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene	SampT Batch Analysis D Result ND ND ND ND 10 11	ype: ME DD: R4 Date: 5/ PQL 1.0 1.0 1.5	10.00 3LK 3144 30/2017 SPK value 10.00 10.00	Tes F SPK Ref Val	104 tCode: El RunNo: 4 SeqNo: 1 %REC 100 105	70 PA Method 3144 357849 LowLimit 70 70	8260: Volatile Units: μg/L HighLimit 130 130	%RPD	.ist RPDLimit	Qual
Surr: Toluene-d8 Sample ID rb Client ID: PBW Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane	SampT Batch Analysis D Result ND ND ND ND 10 11 11	ype: ME DD: R4 Date: 5/ PQL 1.0 1.0 1.0 1.5	10.00 3LK 3144 30/2017 SPK value 10.00 10.00 10.00	Tes F SPK Ref Val	104 Code: El RunNo: 4 SeqNo: 1 %REC 100 105 110	70 PA Method 3144 357849 LowLimit 70 70 70 70 70 70	8260: Volatile Units: μg/L HighLimit 130 130 130	%RPD	IIIII	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

WO#: 1705C87 31-May-17

Page 4 of 4

Р Sample pH Not In Range

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental . Albu TEL: 505-345-3975 Website: www.hal	Analysis Labora 4901 Hawkin querque, NM 8 FAX: 505-345 llenvironmental	atory ss NE 7109 Sam 4107 .com	ple Log-In Check List
Client Name: APEX AZTEC	Work Order Number:	1705C87		RcptNo: 1
Received By: Anne Thorne	5/25/2017 7:10:00 AM		anne Han	~
Completed By: Andy Jansson	5/25/2017 8:28:49 AM		any mor	
Reviewed By:	5/25/17			
Chain of Custody				
1. Is Chain of Custody complete?		Yes 🔽	No 🗋	Not Present
2. How was the sample delivered?		Courier		
Log In 3. Was an attempt made to cool the	e samples?	Yes 🗹	No 🗌	NA 🗌
4. Were all samples received at a to	emperature of >0° C to 6.0°C	Yes 🗹	No 🗌	
5. Sample(s) in proper container(s)	?	Yes 🗹	No 🗌	
6. Sufficient sample volume for indi	cated test(s)?	Yes 🗹	No	
7. Are samples (except VOA and O	NG) properly preserved?	Yes 🖌	No	
8. Was preservative added to bottle	s?	Yes	No 🗹	NA 🗌
9. VOA vials have zero headspace?		Yes 🖌	No 🗌	No VOA Vials
10. Were any sample containers rec	eived broken?	Yes	No 🗹	# of preserved
11. Does paperwork match bottle lab (Note discrepancies on chain of d	els? :ustody)	Yes 🗹	No 🗌	for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified of	on Chain of Custody?	Yes 🖌	No 🗌	Adjusted?
13. Is it clear what analyses were rec	uested?	Yes 🗹	No 🗌	
14. Were all holding times able to be (If no, notify customer for authoria	met? zation.)	Yes 🗹	No 🗌	Checked by:
Special Handling (if applical	ole)			
15. Was client notified of all discrept	ancies with this order?	Yes	No 🗌	NA 🗹
Person Notified:	Date	an a food an an a balance and a same and a same and a same and a same a same a same a same a same a same a sam	idityotog igagoo in shuang katapata kina ka	
By Whom:	Via:] eMail 🔲 F	Phone 🗌 Fax	In Person
Regarding:				
Client Instructions:				
16. Additional remarks: ∦ ('iistc	ay Stats present + in	Hact		
17. <u>Cooler Information</u> Cooler No Temp °C Con 1 1.0 Good	ndition Seal Intact Seal No S Ves	eal Date	Signed By	

							CHAIN OF CUSTODY RECOR
\mathbf{A}	Laboratory:	Ha	-				ANALYSIS REQUESTED
APEX	Address:						
Office Location A2+2C INM							Temp. of coolers / - C when received (C°):
	Contact: A	Fre	ima	in			
	Phone:						Pageof
Project Manager K.Summers	PO/SO #: 72	504	0112	154			
Sampler's Name	Sampler's Signature	n n		/			
Rance Deechilly	Rend	der)				
Proj. No. Project Name	1)	No/Ty	pe of Cor	ntaine	rs	
725040112154 Largo (5						
Matrix Date Time O I Identifying Ma	rks of Sample(s)	End Depth	VOA	A/G 1 Lt.	DE Sele	Jar P/O	Lab Sample ID (Lab Use Only)
W 5/23/A 940 MM	-54		S.				X -001
1 1025 MM	-53		1				-002
1100 MW	, - 49						-003
/ 1140 MA	1-48						- 004
1200 MW	- 38						-005
1355 MI	V-76						-006
1450 :MW	v-11						-007
V V 1540 MIN	1-79		V				-008
	RAS_				-		
Turn around time Normal 25% Rush) 50% Rush	Rush ,					
Relinquished by (Signature) Date Semblecture 52417/2	Time: Received by	Signa	ture)		5/	ate:	1215 NOTES:
Relinquished by (Signatura) Date:	Time: Received by	: (Signa	ture)	/	DS	ate:	Time: Bill TO APEX
Fleinquished by (Signature) Date:	Time: Received by	: (Signa	ture)		D	ate:	Time: Covporte velte
Relinquished by (Signature) Date:	Time: Received by	: (Signa	ture)		D	ate:	Time:
Matrix WW - Wastewater W - Water S	S - Soil SD - Solid	L - Liquio	A Class	- Air Bag	h	C - Cha	arcoal tube SL - sludge O - Oil

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

October 18, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1710673

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 10/12/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1710673

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. Client Sample ID: MW-88								
Project: Largo CS	Collection Date: 10/11/2017 9:45:00 AM							
Lab ID: 1710673-001	Matrix:	AQUEOUS	Receive	d Date: 10/12/2017 7:05:00 AM				
Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch			
EPA METHOD 8021B: VOLATILES				Analyst:	NSB			
Benzene	ND	1.0	µg/L	1 10/12/2017 1:50:32 PM	B46313			
Toluene	ND	1.0	µg/L	1 10/12/2017 1:50:32 PM	B46313			
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 1:50:32 PM	B46313			
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 1:50:32 PM	B46313			
Surr: 4-Bromofluorobenzene	100	72.5-140	%Rec	1 10/12/2017 1:50:32 PM	B46313			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-14							
Project: Largo CS	t: Largo CS Collection Date: 10/11/2017 10:55:00 Al							
Lab ID: 1710673-002	Matrix:	AQUEOUS	Receive	ed Date: 10/12/2017 7:05:00 AM				
Analyses	Result	PQL Qual	Units	DF Date Analyzed Batch				
EPA METHOD 8021B: VOLATILES				Analyst: NSB				
Benzene	ND	1.0	µg/L	1 10/12/2017 3:00:49 PM B46313				
Toluene	ND	1.0	µg/L	1 10/12/2017 3:00:49 PM B46313				
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 3:00:49 PM B46313				
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 3:00:49 PM B46313				
Surr: 4-Bromofluorobenzene	97.8	72.5-140	%Rec	1 10/12/2017 3:00:49 PM B46313				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710673

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-8								
Project: Largo CS	Collection Date: 10/11/2017 11:50:00 AM								
Lab ID: 1710673-003	Matrix:	AQUEOUS	Receive	d Date: 10/12/2017 7:05:00 AM					
Analyses	Result	PQL Qual	Units	DF Date Analyzed Batch					
EPA METHOD 8021B: VOLATILES				Analyst: NSB					
Benzene	ND	1.0	µg/L	1 10/12/2017 4:34:11 PM B46313					
Toluene	ND	1.0	µg/L	1 10/12/2017 4:34:11 PM B46313					
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 4:34:11 PM B46313					
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 4:34:11 PM B46313					
Surr: 4-Bromofluorobenzene	100	72.5-140	%Rec	1 10/12/2017 4:34:11 PM B46313					

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-3R									
Project: Largo CS		Collection Date: 10/11/2017 12:45:00 PM								
Lab ID: 1710673-004	Matrix:	AQUEOUS	Received	Date: 10/	/12/2017 7:05:00 AM					
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch				
EPA METHOD 8021B: VOLATILES					Analys	t: NSB				
Benzene	ND	1.0	µg/L	1	10/12/2017 4:57:35 PM	1 B46313				
Toluene	ND	1.0	µg/L	1	10/12/2017 4:57:35 PM	1 B46313				
Ethylbenzene	ND	1.0	µg/L	1	10/12/2017 4:57:35 PM	A B46313				
Xylenes, Total	ND	2.0	µg/L	1	10/12/2017 4:57:35 PM	A B46313				
Surr: 4-Bromofluorobenzene	99.8	72.5-140	%Rec	1	10/12/2017 4:57:35 PM	A B46313				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits Page 4 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
PQL P		Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		0	Client San	pple ID: MW-16		
Project: Largo CS	Collection Date: 10/11/2017 1:35:00 PM					
Lab ID: 1710673-005	Matrix:	AQUEOUS	Receive	d Date: 10/12/2017 7:05:00 AM		
Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch	
EPA METHOD 8021B: VOLATILES				Analyst:	NSB	
Benzene	ND	1.0	µg/L	1 10/12/2017 5:20:59 PM	B46313	
Toluene	ND	1.0	µg/L	1 10/12/2017 5:20:59 PM	B46313	
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 5:20:59 PM	B46313	
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 5:20:59 PM	B46313	
Surr: 4-Bromofluorobenzene	98.9	72.5-140	%Rec	1 10/12/2017 5:20:59 PM	B46313	

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
H Hold		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
PQL Practical Quanitative Limit		Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		Client Sample ID: MW-89							
Project: Largo CS	Collection Date: 10/11/2017 2:30:00 PM								
Lab ID: 1710673-006	Matrix:	AQUEOUS	Received	Date: 10/	/12/2017 7:05:00 AM				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Benzene	ND	1.0	µg/L	1	10/12/2017 5:44:20 PM	B46313			
Toluene	ND	1.0	µg/L	1	10/12/2017 5:44:20 PM	B46313			
Ethylbenzene	ND	1.0	µg/L	1	10/12/2017 5:44:20 PM	B46313			
Xylenes, Total	ND	2.0	µg/L	1	10/12/2017 5:44:20 PM	B46313			
Surr: 4-Bromofluorobenzene	99.6	72.5-140	%Rec	1	10/12/2017 5:44:20 PM	B46313			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
Н		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 6 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL Practical Quanitative Limit		RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710673

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		(Client San	nple ID: MW-90	
Project: Largo CS			Collectio	n Date: 10/11/2017 3:20:00 PM	
Lab ID: 1710673-007	Matrix:	AQUEOUS	Receive	d Date: 10/12/2017 7:05:00 AM	
Analyses	Result	PQL Qual	Units	DF Date Analyzed B	atch
EPA METHOD 8021B: VOLATILES				Analyst: N	ISB
Benzene	ND	1.0	µg/L	1 10/12/2017 6:07:39 PM B	346313
Toluene	ND	1.0	µg/L	1 10/12/2017 6:07:39 PM B	346313
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 6:07:39 PM B	346313
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 6:07:39 PM B	346313
Surr: 4-Bromofluorobenzene	102	72.5-140	%Rec	1 10/12/2017 6:07:39 PM E	346313

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	H Holding times for preparation or analysis exceeded J Analyte de		Analyte detected below quantitation limits Page 7 of 9
ND Not D PQL Practic		Not Detected at the Reporting Limit	Р	Sample pH Not In Range
		Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified
Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		C	lient Sar	nple ID: MW-15					
Project: Largo CS	Collection Date: 10/11/2017 4:00:00 PM								
Lab ID: 1710673-008	Matrix:	AQUEOUS	Receive	ed Date: 10/12/2017 7:05:00 AM					
Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch				
EPA METHOD 8021B: VOLATILES				Analyst:	NSB				
Benzene	1.0	1.0	µg/L	1 10/12/2017 6:31:01 PM	B46313				
Toluene	ND	1.0	µg/L	1 10/12/2017 6:31:01 PM	B46313				
Ethylbenzene	ND	1.0	µg/L	1 10/12/2017 6:31:01 PM	B46313				
Xylenes, Total	ND	2.0	µg/L	1 10/12/2017 6:31:01 PM	B46313				
Surr: 4-Bromofluorobenzene	99.0	72.5-140	%Rec	1 10/12/2017 6:31:01 PM	B46313				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 8 of 9
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, I	nc

Client: Apex Titan, Inc. **Project:** Largo CS

3	0										
Sample ID B2	22	SampType: MBLK TestCode: EPA Method 8021B: Volatiles									
Client ID: PB	3W	Batch	ID: B4	6313	R	lunNo:	46313				
Prep Date:		Analysis D	ate: 10)/12/2017	S	eqNo:	1475297	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	1.0								
Toluene		ND	1.0								
Ethylbenzene		ND	1.0								
Xylenes, Total		ND	2.0								
Surr: 4-Bromoflu	iorobenzene	20		20.00		100	72.5	140			
Sample ID 10	ONG BTEX LCS	SampT	ype: LC	S	Tes	tCode:	EPA Method	8021B: Volat	iles		
Client ID: LC	sw	Batch	ID: B4	6313	F	RunNo:	46313				
Prep Date:		Analysis D	ate: 10	0/12/2017	S	eqNo:	1475298	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		19	1.0	20.00	0	94.4	71.7	126			
Toluene		19	1.0	20.00	0	94.6	73.3	119			
Ethylbenzene		19	1.0	20.00	0	97.1	80	120			
Xylenes, Total		58	2.0	60.00	0	97.5	80	120			
Surr: 4-Bromoflu	ıorobenzene	20		20.00		99.0	72.5	140			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 9 of 9

18-Oct-17

WO#: 1710673

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmenta Alt TEL: 505-345-397. Website: www.h	l Analysis Laborat 4901 Hawkins 5uquerque, NM 87 5 FAX: 505-345-41 allenvironmental.c	ory NE 109 Sam 107	Sample Log-In Check List			
Client Name: APEX AZTEC	Work Order Number	r: 1710673		RcptNo: 1			
Received By: Anne Thorne	10/12/2017 7:05:00 A	м	anne Am				
Completed By: Anne Thorne	10/12/2017 10:24:10	AM	anne Hann				
Reviewed By: DDS 1 (0/12/17						
Chain of Custody			3 02/13	18			
1. Custody seals intact on sample bottles?		Yes V	No D	Not Present			
2. Is Chain of Custody complete?		Yes 🗸	No	Not Present			
3. How was the sample delivered?		Courier					
<u>Log In</u>							
4. Was an attempt made to cool the sample	es?	Yes 🗸	No				
5. Were all samples received at a temperat	ure of >0° C to 6.0°C	Yes 🗸	No 🗌				
6. Sample(s) in proper container(s)?		Yes 🖌	No				
7. Sufficient sample volume for indicated te	st(s)?	Yes 🖌	No				
8. Are samples (except VOA and ONG) pro	perly preserved?	Yes 🗸	No				
9. Was preservative added to bottles?		Yes	No 🖌	NA			
10.VOA vials have zero headspace?		Yes 🗸	No	No VOA Vials			
11. Were any sample containers received br	oken?	Yes	No 🗹	# of preserved bottles checked			
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗸	No	for pH: (<2 or >12 unless noted)			
13. Are matrices correctly identified on Chain	of Custody?	Yes 🖌	No	Adjusted?			
14. Is it clear what analyses were requested?		Yes 🖌	No 🗌				
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No	Checked by:			
Special Handling (if applicable)							
16. Was client notified of all discrepancies wi	th this order?	Yes	No	NA 🗹			
Person Notified:	Date						
By Whom:	Via:	eMail P	hone 🗌 Fax	In Person			
Regarding:			about a state of the set				
Client Instructions:							
Cooler Information Cooler No Temp °C Condition 1 1.0 Good Yes	Seal Intact Seal No	Seal Date	Signed By				
Page 1 of 1							

											CHAIN OF CUSTODY RECOR
	<			Laboratory:	Hall Enu Anellys	iron sis l	mente abora	ers iten)	ANALYSIS REQUESTED	Lab use only Due Date:
	`			Auless.	TIUIH	- MA	cins	ner	·		Temp. of coolers 1.C when received (C°);
Unice Locati	on	0.10	Sulah	Contact:	A the	ma	8710	0-1			
AZLOU	KIUCIA	TUU	0	Dhono:	ATTOE		701	-			Page / at
Project Man	VIVI S	551	mmus		725-50		3-17	2		\rightarrow	
Sampler's Name		-,) 0(Sampler's Sign	ature	011	d1 7			E /	
Ranee	Deechil	19		Rah	IL,					100	
Proj. No. 72504011	2154	Project	t Name Largo C	5	/	No/T	ype of Cor	ntainers	5	49	
Matrix Date	Time	CoEp	G r ldentifying Mar b	ks of Sample(s)	Start Depth End Depth	VOA	A/G 1 Lt.	Glass	Jar P/O		Lab Sample ID (Lab Use Only)
W 10/11/17	- 945		MW.	88		3				X	17101673-001
W 10/11/17	-1055		MW	-14		3				X	7.02
W 10/11/17	- 1150		MW	1-8		3				X	-203
W IDINIA	- 1245		MM	-312		3				X	-204
W 10/11/17	- 1335		MI	110		3				X	705
W 1011117	1420		NAL	1-89		3				X	7.06
W 10/11/1=	+ 1520		M	W.90		3				\mathbf{Y}	-701
W/10/11/12	1600		IN	111-15		3				X	76,8
	.40+		1.					-			
				Ats				-		-	
Turn around time	Nor	mal	25% Rush	50% Rush	100% Rush						
Relinquished by	(Signature)		Date:	ime: Receiv	ed by: (Signat	ture)	1	Da (0)	ate: u/17	Time: NOTES:	
Relinquished by	(Signature)		Date: 19	ime: Receiv	ed by: (Signa	ture)	_	Da iU	ite: 1/2//1	Time: 0705	Bill to Apex (Corporatione)
Relinquished by	(Signature)		Date:	ime: Receiv	ed by: (Signa	ture)		Da	ite:	lime:	
Relinquished by	(Signature)		Date: 1	îme: Receiv	red by: (Signa	ture)		Da	ite:	Time:	
Matrix W	W - Wastewat	er	W - Water S	- Soil SD - Sol	lid L - Liquid	Glass	- Air Bag	h	C - Cha	rcoal tube SL - sludge	O - Oil

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

October 18, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1710817

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 5 sample(s) on 10/14/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-52									
Project: Largo CS	Collection Date: 10/13/2017 9:30:00 AM									
Lab ID: 1710817-001	Matrix:	AQUEOUS	Received	Date: 10	/14/2017 10:15:00 AN	1				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch				
EPA METHOD 8021B: VOLATILES					Analys	t: NSB				
Benzene	ND	1.0	µg/L	1	10/17/2017 4:06:43 PM	1 BW4639				
Toluene	ND	1.0	µg/L	1	10/17/2017 4:06:43 PM	1 BW4639				
Ethylbenzene	ND	1.0	µg/L	1	10/17/2017 4:06:43 PM	1 BW4639				
Xylenes, Total	ND	2.0	µg/L	1	10/17/2017 4:06:43 PM	1 BW4639				
Surr: 4-Bromofluorobenzene	97.6	72.5-140	%Rec	1	10/17/2017 4:06:43 PM	1 BW4639				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-43							
Project: Largo CS			Collectio	n Date: 10/13/2017 10:20:00 AM				
Lab ID: 1710817-002	Matrix:	AQUEOUS	Receive	d Date: 10/14/2017 10:15:00 AM				
Analyses	Result	PQL Qual	l Units	DF Date Analyzed Batch				
EPA METHOD 8021B: VOLATILES				Analyst: NSB				
Benzene	ND	1.0	µg/L	1 10/17/2017 5:16:41 PM BW4639				
Toluene	ND	1.0	µg/L	1 10/17/2017 5:16:41 PM BW4639				
Ethylbenzene	ND	1.0	µg/L	1 10/17/2017 5:16:41 PM BW4639				
Xylenes, Total	ND	2.0	µg/L	1 10/17/2017 5:16:41 PM BW4639				
Surr: 4-Bromofluorobenzene	101	72.5-140	%Rec	1 10/17/2017 5:16:41 PM BW4639				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-34								
Project: Largo CS			Collectio	Date: 10/13/2017 11:20:00 AM					
Lab ID: 1710817-003	Matrix:	AQUEOUS	Receive	ed Date: 10/14/2017 10:15:00 AM					
Analyses	Result	PQL Qual	Units	DF Date Analyzed Batch					
EPA METHOD 8021B: VOLATILES				Analyst: NSB					
Benzene	ND	1.0	µg/L	1 10/17/2017 5:40:05 PM BW4639					
Toluene	ND	1.0	µg/L	1 10/17/2017 5:40:05 PM BW4639					
Ethylbenzene	ND	1.0	µg/L	1 10/17/2017 5:40:05 PM BW4639					
Xylenes, Total	ND	2.0	µg/L	1 10/17/2017 5:40:05 PM BW4639					
Surr: 4-Bromofluorobenzene	97.2	72.5-140	%Rec	1 10/17/2017 5:40:05 PM BW4639					

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method I	Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	Page 3 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	rage 5 or 0
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit	t as specified

Date Reported: 10/18/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-38							
Project: Largo CS			Collection	Date: 10/	/13/2017 12:15:00 PM			
Lab ID: 1710817-004	Matrix:	AQUEOUS	Received	Date: 10/	/14/2017 10:15:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	1.0	µg/L	1	10/17/2017 7:36:32 PM	BW4639		
Toluene	ND	1.0	µg/L	1	10/17/2017 7:36:32 PM	BW4639		
Ethylbenzene	ND	1.0	µg/L	1	10/17/2017 7:36:32 PM	BW4639		
Xylenes, Total	ND	2.0	µg/L	1	10/17/2017 7:36:32 PM	BW4639		
Surr: 4-Bromofluorobenzene	97.3	72.5-140	%Rec	1	10/17/2017 7:36:32 PM	BW4639		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.	Client Sample ID: MW-83								
Project: Largo CS	Collection Date: 10/13/2017 1:10:00 PM								
Lab ID: 1710817-005	Matrix:	AQUEOUS	Received	Date: 10/	/14/2017 10:15:00 AM	[
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Benzene	ND	1.0	µg/L	1	10/17/2017 7:59:54 PM	BW4639			
Toluene	ND	1.0	µg/L	1	10/17/2017 7:59:54 PM	BW4639			
Ethylbenzene	ND	1.0	µg/L	1	10/17/2017 7:59:54 PM	BW4639			
Xylenes, Total	ND	2.0	µg/L	1	10/17/2017 7:59:54 PM	BW4639			
Surr: 4-Bromofluorobenzene	97.6	72.5-140	%Rec	1	10/17/2017 7:59:54 PM	BW4639			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL Practical Quanitative Limit		RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC S	SUMMARY REPORT	
Hall	Environmental Analysis Laboratory, In	nc.

Client: Apex Titan, Inc. Largo CS **Project:**

Sample ID	RB	SampT	ype: ME	BLK	Test	tCode: E	PA Method	8021B: Volat	iles		
Client ID:	PBW	Batch	ID: BV	V46399	R	RunNo: 4	6399				
Prep Date:		Analysis D	ate: 10)/17/2017	S	SeqNo: 1	478847	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	1.0								
Toluene		ND	1.0								
Ethylbenzene		ND	1.0								
Xylenes, Total		ND	2.0								
Surr: 4-Brom	ofluorobenzene	20		20.00		101	72.5	140			
Sample ID	100NG BTEX LCS	SampT	ype: LC	S	Tes	tCode: E	PA Method	8021B: Volat	iles		
Sample ID Client ID:	100NG BTEX LCS LCSW	SampT Batch	ype: LC	S V46399	Tes	tCode: E RunNo: 4	PA Method 6399	8021B: Volat	iles		
Sample ID Client ID: Prep Date:	100NG BTEX LCS LCSW	SampT Batch Analysis D	ype: LC ID: BV ate: 10	S V46399 0/17/2017	Tes F S	tCode: E RunNo: 4 SeqNo: 1	PA Method 6399 478849	8021Β: Volat Units: μg/L	iles		
Sample ID Client ID: Prep Date: Analyte	100NG BTEX LCS LCSW	SampT Batch Analysis D Result	ype: LC ID: BV ate: 10 PQL	S V46399 D/17/2017 SPK value	Tes F S SPK Ref Val	tCode: E RunNo: 4 SeqNo: 1 %REC	PA Method 6399 478849 LowLimit	8021Β: Volat Units: μg/L HighLimit	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 19	ype: LC 1D: BV Pate: 10 PQL 1.0	S V46399 D/17/2017 SPK value 20.00	Tes F S SPK Ref Val 0	tCode: E RunNo: 4 SeqNo: 1 %REC 94.0	PA Method 6399 478849 LowLimit 73.9	8021B: Volat Units: µg/L HighLimit 120	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 19 19	ype: LC n ID: BV pate: 10 PQL 1.0 1.0	S V46399 D/17/2017 SPK value 20.00 20.00	Tes F S SPK Ref Val 0 0	tCode: E RunNo: 4 SeqNo: 1 <u>%REC</u> 94.0 95.1	PA Method 6399 478849 LowLimit 73.9 77.3	8021B: Volat Units: µg/L HighLimit 120 117	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 19 19 20	ype: LC n ID: BV pate: 10 PQL 1.0 1.0 1.0	S V46399 D/17/2017 SPK value 20.00 20.00 20.00	Tes F S SPK Ref Val 0 0 0 0	tCode: E RunNo: 4 SeqNo: 1 %REC 94.0 95.1 97.7	PA Method 6399 478849 LowLimit 73.9 77.3 78.8	8021B: Volat Units: µg/L HighLimit 120 117 119	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 19 19 20 59	ype: LC n ID: BV Pate: 10 PQL 1.0 1.0 1.0 2.0	S V46399 D/17/2017 SPK value 20.00 20.00 20.00 60.00	Tes F S SPK Ref Val 0 0 0 0 0	tCode: E RunNo: 4 SeqNo: 1 %REC 94.0 95.1 97.7 97.6	PA Method 6399 478849 LowLimit 73.9 77.3 78.8 76.9	8021B: Volat Units: µg/L HighLimit 120 117 119 121	iles %RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1710817

18-Oct-17

Page 6 of 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental An Albuqu TEL: 505-345-3975 F. Website: www.halle	nalysis 4901 F uerque, AX: 50. environ	Laborator Hawkins N NM 8710 5-345-410 mental.com	^y 9 Samj	ole Log-In C	heck List
Client Name: APEX AZTEC	Work Order Number: 1	171081	17		RcptNo:	1
Received By: Anne Thorne	10/14/2017 10:15:00 AM	i i		anne Hom	-	
Completed By: Anne Thome	10/16/2017 7:25:31 AM			anne Hum	~	
Reviewed By: DDS LO/IL	117					
Chain of Custody						
1. Custody seals intact on sample bottles?		Yes	\checkmark	No 🗌	Not Present	
2. Is Chain of Custody complete?		Yes	\checkmark	No 🗌	Not Present	
3. How was the sample delivered?		Courie	er			
Log In						
4. Was an attempt made to cool the sample	s?	Yes		No 🗌	NA 🗌	
5. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes	✓	No 🗌	NA 🗌	
6. Sample(s) in proper container(s)?		Yes	\checkmark	No 🗌		
7. Sufficient sample volume for indicated tes	t(s)?	Yes	\checkmark	No 🗌		
8. Are samples (except VOA and ONG) prop	erly preserved?	Yes	\checkmark	No 🗆		
9. Was preservative added to bottles?		Yes		No 🗹	NA 🗌	
10.VOA vials have zero headspace?		Yes	v	No 🗌	No VOA Vials	
11. Were any sample containers received bro	ken?	Yes		No 🗹	# of preserved	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	\checkmark	No 🗌	for pH:	or >12 unless noted)
13. Are matrices correctly identified on Chain	of Custody?	Yes	\checkmark	No 🗌	Adjusted?	
14. Is it clear what analyses were requested?		Yes	\checkmark	No 🗌		
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes		No 🗌	Checked by:	
Special Handling (if applicable)						
16. Was client notified of all discrepancies with	h this order?	Yes		No 🗌	NA 🗹	_

Person Notified:	Date
By Whom:	Via: eMail Phone Fax In Person
Regarding:	
Client Instructions:	

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes	1		

Page 1 of 1

							CHAIN OF CUSTODY REC	CORD
×	Happratory:	1 Envi	100 ma	ental	2	ANALYSIS REQUESTED	Lab use only Due Date:	
APEX	Address: Man	Indrass: YOAL HAWYINS AVE						T
	Address. <u>9901</u>	Albuquesane, NM S7109				/	Temp. of coolers / when received (C°):	7
I dib a Dia contrata anti ta Ar	Contact: A 5	contact: A Framin				/		5
Aster NM 87410	Phone: TAF	where: $5/5 = 3/5 = 3/75$				~		2
Project Manager V SI MON 805	Priorie	1010 + 505 - 575 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 5775 - 57				22	/ / / / / / / Page	
Sampler's Name	Sampler's Signature	5040	Udis	-		Q /		
Ranee Deechilly	PinDehill)		_		RE /		
Project Name	cc.	No	o/Type of C	ontainers		NA /		
Tasoulling Largo	-)							
Matrix Date Time o r Identifying Ma	urks of Sample(s)	Dept	AG	250 ml Glass	P/O		Lab Sample ID (Lab Use On	ly)
W 10/13/17 930 MW	-52	3	3			\times	1710817-	100
W 10/13/17 1020 MM	143	3	3			X		OCP
W 10/13/17 1120 M	W-34	3	3			X	1 1 1 7	:03
W 10/15/17 1215 W	1W-38	3	3			X	0	04
W 10 317 1310 M	W-83	2	2			×	2	5
							7	46
							to ioi iuin z	07
	NES							
			-					
Turn around time VNormal 25% Rush	50% Rush 100%	Rush	1	I				
Belinquished by (Signature) Republic of the second	Time: Received by:	(Signature	Å	Dat	s/n	Time: NOT		
Relinquished by (Signature) Date:	Time: Received by:	(Signature	1	Dat	te:	Time:	Bill to Apex	
Relinquished by (Signature) Date	Time: Received by:	(Signature		Dai	te:	Time:	corporate rate	
Pelinguighed by (Signature)	Time: Dessived him	(Signature		Det	to	Time:		
Reinquished by (Signature) Date:	Time. Received by:	ເວເງແລເປາຍ	•)	Da		Time.		
Matrix WW - Wastewater W - Water	S - Soll SD - Solid L	- Liquid 50 ml - Glas	A - Air Ba	ig C	C - Charo	coal tube SL - s	słudge O - Otl	

Apex TITAN, Inc. • 606 S. Rio Grande, Suite A, Downstairs • Aztec, New Mexico 87410 • Office: 505-334-5200 • Fax: 505-334-5204

41.04

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

October 19, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1710818

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 10/14/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.					Γ	Date Reported: 10/1	9/201	7
CLIENT: A Project: L	Apex Titan, Inc. Largo CS				Lab C)rder: 1710	818	
Lab ID:	1710818-001			Collection I	Date: 10	/12/2017 9:45:00	AM	
Client Sample ID:	MW-6			Ma	trix: A	QUEOUS		
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	21B: VOLATILES					An	alyst:	NSB
Benzene		ND	1.0	µg/L	1	10/17/2017 8:23:2	2 PM	BW463
Toluene		ND	1.0	µg/L	1	10/17/2017 8:23:2	2 PM	BW463
Ethylbenzene		ND	1.0	µg/L	1	10/17/2017 8:23:2	2 PM	BW463
Xylenes, Total		ND	2.0	µg/L	1	10/17/2017 8:23:2	2 PM	BW463
Surr: 4-Bromoflu	orobenzene	95.8	72.5-140	%Rec	1	10/17/2017 8:23:2	2 PM	BW463
Lab ID:	1710818-002			Collection I	Date: 10	/12/2017 10:35:00) AM	
Client Sample ID:	MW-7			Ma	atrix: A(QUEOUS		
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	21B: VOLATILES					An	alyst:	NSB
Benzene		1300	50	µg/L	50	10/18/2017 9:44:1	1 AM	B46442
Toluene		ND	1.0	µg/L	1	10/17/2017 9:10:1	9 PM	BW463
Ethylbenzene		17	1.0	µg/L	1	10/17/2017 9:10:1	9 PM	BW463
Xylenes, Total		ND	2.0	µg/L	1	10/17/2017 9:10:1	9 PM	BW463
Surr: 4-Bromoflu	orobenzene	105	72.5-140	%Rec	1	10/17/2017 9:10:1	9 PM	BW463
Lab ID:	1710818-003			Collection I	Date: 10	/12/2017 11:30:00) AM	
Client Sample ID:	MW-9			Ma	atrix: A	QUEOUS		
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 802	21B: VOLATILES					An	alyst:	NSB
Benzene		ND	1.0	µg/L	1	10/17/2017 9:57:1	7 PM	BW463
Toluene		ND	1.0	µg/L	1	10/17/2017 9:57:1	7 PM	BW463
Ethylbenzene		ND	1.0	µg/L	1	10/17/2017 9:57:1	7 PM	BW463
Xylenes, Total		ND	2.0	µg/L	1	10/17/2017 9:57:1	7 PM	BW463
Surr: 4-Bromoflu	orobenzene	98.6	72.5-140	%Rec	1	10/17/2017 9:57:1	7 PM	BW463

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D
- Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 4

Analytical Report Lab Order: 1710818

- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environ	mental Analys	is Labora	tory, Inc.	Date Reported: 10/19/2017				
CLIENT: A Project: L	Apex Titan, Inc. Largo CS				Lab Order: 1710	818		
Lab ID:	1710818-004			Collection I	Date: 10/12/2017 12:25:00	PM		
Client Sample ID:	MW-50			Ma	atrix: AQUEOUS			
Analyses		Result	PQL Qu	al Units	DF Date Analyzed	Batch ID		
EPA METHOD 802	21B: VOLATILES				An	alyst: NSB		
Benzene		ND	1.0	µg/L	1 10/17/2017 10:20:	44 PM BW463		
Toluene		ND	1.0	µg/L	1 10/17/2017 10:20:	44 PM BW463		
Ethylbenzene		ND	1.0	µg/L	1 10/17/2017 10:20:	44 PM BW463		
Xylenes, Total		ND	2.0	µg/L	1 10/17/2017 10:20:	44 PM BW463		
Surr: 4-Bromoflu	orobenzene	99.4	72.5-140	%Rec	1 10/17/2017 10:20:	44 PM BW463		
Lab ID:	1710818-005			Collection I	Date: 10/12/2017 1:20:00	PM		
Client Sample ID:	MW-40R			Ma	atrix: AQUEOUS			
Analyses		Result	PQL Qu	al Units	DF Date Analyzed	Batch ID		
EPA METHOD 802	21B: VOLATILES				An	alyst: NSB		
Benzene		ND	1.0	µg/L	1 10/17/2017 10:44:	11 PM BW463		
Toluene		ND	1.0	µg/L	1 10/17/2017 10:44:	11 PM BW463		
Ethylbenzene		ND	1.0	µg/L	1 10/17/2017 10:44:	11 PM BW463		
Xylenes, Total		ND	2.0	µg/L	1 10/17/2017 10:44:	11 PM BW463		
Surr: 4-Bromoflu	orobenzene	101	72.5-140	%Rec	1 10/17/2017 10:44:	11 PM BW463		
Lab ID:	1710818-006			Collection I	Date: 10/12/2017 2:05:00	PM		
Client Sample ID:	MW-51			Ma	atrix: AQUEOUS			
Analyses		Result	PQL Qu	al Units	DF Date Analyzed	Batch ID		
EPA METHOD 802	21B: VOLATILES				An	alyst: NSB		
Benzene		1.0	1.0	µg/L	1 10/17/2017 11:07:	33 PM BW463		
Toluene		ND	1.0	µg/L	1 10/17/2017 11:07:	33 PM BW463		
Ethylbenzene		ND	1.0	µg/L	1 10/17/2017 11:07:	33 PM BW463		
Xylenes, Total		ND	2.0	µg/L	1 10/17/2017 11:07:	33 PM BW463		
Surr: 4-Bromoflu	orobenzene	99.8	72.5-140	%Rec	1 10/17/2017 11:07:	33 PM BW463		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits J Page 2 of 4
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Lab Order: 1710818

Analytical Report

CLIENT: Project:	Apex Titan, Inc. Largo CS				Lab O	Prder: 1710	818
Lab ID:	1710818-007			Collection D	ate: 10/	/12/2017 2:45:00	PM
Client Sample ID:	: MW-41			Mat	trix: AQ	UEOUS	
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch II
EPA METHOD 80	21B: VOLATILES					An	alyst: NSB
Benzene		3.8	1.0	µg/L	1	10/17/2017 11:30:	45 PM BW46
Toluene		ND	1.0	µg/L	1	10/17/2017 11:30:	45 PM BW4
Ethylbenzene		ND	1.0	µg/L	1	10/17/2017 11:30:	45 PM BW46
Xylenes, Total		ND	2.0	µg/L	1	10/17/2017 11:30:	45 PM BW40
Surr: 4-Bromofl	uorobenzene	99.9	72.5-140	%Rec	1	10/17/2017 11:30:	45 PM BW40
Lab ID:	1710818-008			Collection D	ate: 10/	/12/2017 3:30:00	PM
Client Sample ID	: MW-39			Mat	trix: AQ	UEOUS	
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch II
EPA METHOD 80	21B: VOLATILES					An	alyst: NSB
Benzene		ND	1.0	µg/L	1	10/18/2017 1:04:3	2 AM BW4
Toluene		ND	1.0	µg/L	1	10/18/2017 1:04:3	2 AM BW4
Ethylbenzene		ND	1.0	µg/L	1	10/18/2017 1:04:3	2 AM BW4
Xylenes, Total		ND	2.0	µg/L	1	10/18/2017 1:04:3	2 AM BW4
Surr: 4-Bromofl	uorobenzene	101	72 5-140	%Rec	1	10/18/2017 1.04.3	2 AM BW4

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order: 1710818

Date Reported: 10/19/2017

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: *

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc	c.

Client: Apex Titan, Inc. Largo CS **Project:**

Sample ID RB SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBW Batch ID: BW46399 RunNo: 46399 Prep Date: Analysis Date: 10/17/2017 SeqNo: 1478847 Units: µg/L Result SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte PQL HighLimit Benzene ND 1.0 Toluene ND 1.0 Ethylbenzene ND 1.0 Xylenes, Total ND 2.0 Surr: 4-Bromofluorobenzene 20 20.00 101 72 5 140 Sample ID 100NG BTEX LCS SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSW Batch ID: BW46399 RunNo: 46399 Prep Date: Analysis Date: 10/17/2017 SeqNo: 1478849 Units: µg/L SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Benzene 19 1.0 20.00 0 94.0 73.9 120 Toluene 19 1.0 20.00 0 95.1 77.3 117 Ethylbenzene 20 1.0 20.00 0 97.7 78.8 119 Xylenes, Total 59 2.0 60.00 0 97.6 76.9 121 Surr: 4-Bromofluorobenzene 20 20.00 102 72.5 140 Sample ID RB SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBW Batch ID: B46442 RunNo: 46442 Prep Date: Analysis Date: 10/18/2017 SeqNo: 1480122 Units: µg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 1.0 Surr: 4-Bromofluorobenzene 22 20.00 108 72.5 140 Sample ID 100NG BTEX LCS SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSW Batch ID: B46442 RunNo: 46442 Prep Date: Analysis Date: 10/18/2017 SeqNo: 1480123 Units: µg/L %RPD Result SPK value SPK Ref Val %REC **RPDLimit** Analyte PQI Lowl imit HighLimit Qual Benzene 18 1.0 20.00 0 89.8 73.9 120 22 20.00

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- Е Value above quantitation range

110

72.5

140

- I Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1710818

Qual

Qual

Page 4 of 4

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Analy 49(Albuquera TEL: 505-345-3975 FAX: Website: www.hallenvi	rsis Labora DI Hawkin que, NM 8 505-345-4 ronmental	atory s NE 7109 Samp 4107 .com	Sample Log-In Check List			
Client Name: APEX AZTEC	Work Order Number: 171	0818		RcptNo: 1			
Received By: Anne Thorne	10/14/2017 10:15:00 AM		Anne Ham	-			
Reviewed By: D.S. 10/16	> /17		anne Ham				
Chain of Custody			02 03/13	18			
1 Custody seals intact on sample bottles?	Ye	s V	0 No	Not Present			
2 Is Chain of Custody complete?	Ye	s 🗸	No	Not Present			
2. How was the sample delivered?	fe Co						
3. How was the sample derivered?	<u></u>						
Log In							
4. Was an attempt made to cool the samples?	Ye	es 🗸	No	NA 🗌			
5. Were all samples received at a temperature of	of >0° C to 6.0°C Yes	s 🖌	No				
6. Sample(s) in proper container(s)?	Ye	es 🗸	No				
7. Sufficient sample volume for indicated test(s)	? Ye	s 🗸	No				
8. Are samples (except VOA and ONG) properly	preserved? Ye	s 🗸	No				
9. Was preservative added to bottles?	Ye	s	No 🗸	NA			
10.VOA vials have zero headspace?	Ye	s 🗸	No	No VOA Vials			
11. Were any sample containers received broker	n? Ye	es 🗌	No 🖌				
12. Does paperwork match bottle labels?	Ye	s 🗸	No	# of preserved bottles checked for pH:			
(Note discrepancies on chain of custody)				(<2 or >12 unless noted)			
13. Are matrices correctly identified on Chain of C	Custody? Ye	s 🗸	No 🗌	Adjusted?			
14. Is it clear what analyses were requested?	Ye	s 🗸	No				
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Ye	s 🗸	No	Checked by:			
Special Handling (if applicable)							
16. Was client notified of all discrepancies with the	is order? Ye	s	No	NA 🗹			
Person Notified	Date	gananging antananan tarapatan sa	an congregation of the distance of the second state of the second stat				
By Whom:	Via: I el	Mail	Phone Eax	In Person			
Regarding:							
Client Instructions:			and and a superport dephilit day, of a subscribed 1.1 or 2010				
17. Additional remarks:							
18 Cooler Information							
Cooler No Temp °C Condition Sea	al Intact Seal No Seal	Date	Signed By				
1 1.4 Good Yes			oighta by				
Page 1 of 1							

1

					CHAIN OF CUSTODY RECOR
	Hall En	ironment	al	ANALYSIS	Lab use only
	Laboratory: Analy	isis Labor	atom		
APEX	Address: 4901 H	awkins A	F		
Office Location	Albuquerque, N.	M 8710	9		when received (C°):
606 S, Rio Grande, Suite 4	Contact: A Fre	eman	/		
AzteCINM 87410	Phone: 505 - 3	45-397	5		Page of
Project Manager K.Summers	PO/SO #: 7250-	10112154			
Sampler's Name	Sampler's Signature				
Ranee Deechilly -	the Dubilly			CZ / / /	
Proj. No. Project Name		No/Type of Cor	ntainers	1 4 / / / /	
725040112154 Largo	5				
Matrix Date Time O r Identifying Mai	rks of Sample(s) Start Depth	VOA A/G 1LL	Glass Jar P/O		Lab Sample ID (Lab Use Only)
W 10/12/17 945 MW	- 6	3		X	110818-001
W 10/12/17 1035 MM	1-7	3		X	-62
W 10/12/17 1130 MM	v - 9	3		X	てい3
W 10/12/17 1225 MW	-50	3		X	704
W 10/12/17 13:20 MW	-40R	3		\times	-005
W 10/12/17 1405 MM	1-51	2		X	-206
W 10/12/17 1445 M	N-41	3		X	-707
W 10/1417 1530 M	w-39	3		Ź .	-08
	Vis				
urn around time Wormal 25% Bush	50% Bush 100% Bush				
Belinquished by (Signature) Date:	Time: Received by: (Signa	ature)	Date:	Time: NOTES:	
ALL SAMULL (9/3) 7 13 Relinguished by (Signature). Date: 1	Time: Received by: (Signa	ature)	Date: 1	13.30 Time: Bill-	to Apex
Whente Cuclet 10/13/7 21	1 Uhr	X	16/14/17	1015	P and ralp
Relinquished by (Signature) Date: 7	Time: Received by: (Signa	ature)	Date:	Time:	Corporancian
Relinquished by (Signature) Date: 7	Time: Received by: (Signa	ature)	Date:	Time:	
Atrix WW - Wastewater W - Water S	S - Soil SD - Solid L - Liqui	d A - Air Bag	C - Cha	rcoal tube SL - sludge O - Oi	1



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

October 20, 2017

Kyle Summers Apex Titan, Inc. 606 S. Rio Grande Unit A Aztec, NM 87410 TEL: (214) 350-5469 FAX (214) 350-2914

RE: Largo CS

OrderNo.: 1710966

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 11 sample(s) on 10/18/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report	
Lab Order 1710966	

Date Reported: 10/20/2017

CLIENT: Apex Titan, Inc. Client Sample ID: MW-76 Project: Largo CS Collection Date: 10/16/2017 1:10:00 PM Lab ID: 1710966-001 Matrix: AQUEOUS Received Date: 10/18/2017 7:10:00 AM Analyses PQL Qual Units **DF** Date Analyzed Result Batch **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 1.0 10/19/2017 3:57:37 PM B46484 µg/L 1 Toluene ND 1.0 µg/L 1 10/19/2017 3:57:37 PM B46484 10/19/2017 3:57:37 PM B46484 Ethylbenzene ND 1.0 µg/L 1 Xylenes, Total ND 2.0 10/19/2017 3:57:37 PM B46484 µg/L 1 Surr: 4-Bromofluorobenzene 96.3 72.5-140 %Rec 1 10/19/2017 3:57:37 PM B46484

Hall Environmental Analysis Laboratory, Inc.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

CLIENT: Apex Titan, Inc. Client Sample ID: MW-77 Largo CS Collection Date: 10/16/2017 2:00:00 PM **Project:** Received Date: 10/18/2017 7:10:00 AM Lab ID: 1710966-002 Matrix: AQUEOUS PQL Qual Units Analyses Result **DF** Date Analyzed Batch EPA METHOD 8021B: VOLATILES Analyst: NSB ND 1.0 10/19/2017 5:07:40 PM B46484 Benzene µg/L 1 10/19/2017 5:07:40 PM B46484 Toluene ND 1.0 µg/L 1 Ethylbenzene ND 1.0 µg/L 1 10/19/2017 5:07:40 PM B46484 10/19/2017 5:07:40 PM B46484 Xylenes, Total ND 2.0 µg/L 1 Surr: 4-Bromofluorobenzene %Rec 10/19/2017 5:07:40 PM B46484 96.6 72.5-140 1

Hall Environmental Analysis Laboratory, Inc.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. Client Sample ID: MW-79					
Project: Largo CS			Collectio	n Date: 10/16/2017 3:00:00 PM	
Lab ID: 1710966-003	Matrix:	AQUEOUS	Receive	d Date: 10/18/2017 7:10:00 AM	
Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES				Analyst:	NSB
Benzene	ND	1.0	µg/L	1 10/19/2017 5:31:12 PM	B46484
Toluene	ND	1.0	µg/L	1 10/19/2017 5:31:12 PM	B46484
Ethylbenzene	ND	1.0	µg/L	1 10/19/2017 5:31:12 PM	B46484
Xylenes, Total	ND	2.0	µg/L	1 10/19/2017 5:31:12 PM	B46484
Surr: 4-Bromofluorobenzene	94.4	72.5-140	%Rec	1 10/19/2017 5:31:12 PM	B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. Client Sample ID: MW-80					W-80	
Project: Largo CS			Collection	Date: 10/	16/2017 3:50:00 PM	
Lab ID: 1710966-004	Matrix:	AQUEOUS	Received	Date: 10/	18/2017 7:10:00 AM	
Analyses	Result	PQL Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	1.0	µg/L	1	10/19/2017 5:54:45 PM	B46484
Toluene	ND	1.0	µg/L	1	10/19/2017 5:54:45 PM	B46484
Ethylbenzene	ND	1.0	µg/L	1	10/19/2017 5:54:45 PM	B46484
Xylenes, Total	ND	2.0	µg/L	1	10/19/2017 5:54:45 PM	B46484
Surr: 4-Bromofluorobenzene	95.2	72.5-140	%Rec	1	10/19/2017 5:54:45 PM	B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Apex Titan, Inc.	Client Sample ID: MW-37					
Project:	Largo CS			Collectio	Date: 10/17/2017 9:50:00 AM		
Lab ID:	1710966-005	Matrix:	AQUEOUS	Receive	d Date: 10/18/2017 7:10:00 AM		
Analyses		Result	PQL Q	ual Units	DF Date Analyzed	Batch	
EPA MET	HOD 8021B: VOLATILES				Analyst:	NSB	
Benzene		750	50	µg/L	50 10/19/2017 8:38:57 PM	B46484	
Toluene		ND	5.0	µg/L	5 10/19/2017 9:02:18 PM	B46484	
Ethylben	zene	280	5.0	µg/L	5 10/19/2017 9:02:18 PM	B46484	
Xylenes,	Total	1100	10	μg/L	5 10/19/2017 9:02:18 PM	B46484	
Surr: 4	-Bromofluorobenzene	147	72.5-140	S %Rec	5 10/19/2017 9:02:18 PM	B46484	

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.			Client Sampl	e ID: MY	W-75	
Project: Largo CS			Collection]	Date: 10/	/17/2017 10:40:00 AM	
Lab ID: 1710966-006	Matrix:	AQUEOUS	Received	Date: 10/	18/2017 7:10:00 AM	
Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	1.0	µg/L	1	10/19/2017 9:49:01 PM	B46484
Toluene	ND	1.0	µg/L	1	10/19/2017 9:49:01 PM	B46484
Ethylbenzene	ND	1.0	µg/L	1	10/19/2017 9:49:01 PM	B46484
Xylenes, Total	ND	2.0	µg/L	1	10/19/2017 9:49:01 PM	B46484
Surr: 4-Bromofluorobenzene	100	72.5-140	%Rec	1	10/19/2017 9:49:01 PM	B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 6 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		C	lient San	ple ID: MW-54
Project: Largo CS			Collectio	n Date: 10/17/2017 12:00:00 PM
Lab ID: 1710966-007	Matrix:	AQUEOUS	Receive	d Date: 10/18/2017 7:10:00 AM
Analyses	Result	PQL Qual	Units	DF Date Analyzed Batch
EPA METHOD 8021B: VOLATILES				Analyst: NSB
Benzene	ND	1.0	µg/L	1 10/19/2017 10:12:31 PM B46484
Toluene	ND	1.0	µg/L	1 10/19/2017 10:12:31 PM B46484
Ethylbenzene	ND	1.0	µg/L	1 10/19/2017 10:12:31 PM B46484
Xylenes, Total	ND	2.0	µg/L	1 10/19/2017 10:12:31 PM B46484
Surr: 4-Bromofluorobenzene	100	72.5-140	%Rec	1 10/19/2017 10:12:31 PM B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 7 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		(Client San	ple ID: MW-53
Project: Largo CS			Collectio	n Date: 10/17/2017 12:50:00 PM
Lab ID: 1710966-008	Matrix:	AQUEOUS	Receive	d Date: 10/18/2017 7:10:00 AM
Analyses	Result	PQL Qual	Units	DF Date Analyzed Batch
EPA METHOD 8021B: VOLATILES				Analyst: NSB
Benzene	ND	1.0	µg/L	1 10/19/2017 10:36:00 PM B46484
Toluene	ND	1.0	µg/L	1 10/19/2017 10:36:00 PM B46484
Ethylbenzene	ND	1.0	µg/L	1 10/19/2017 10:36:00 PM B46484
Xylenes, Total	ND	2.0	µg/L	1 10/19/2017 10:36:00 PM B46484
Surr: 4-Bromofluorobenzene	98.1	72.5-140	%Rec	1 10/19/2017 10:36:00 PM B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 8 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Date Reported: 10/20/2017

CLIENT: Apex Titan, Inc. Client Sample ID: MW-49 Largo CS Collection Date: 10/17/2017 1:40:00 PM **Project:** 1710966-009 Matrix: AQUEOUS Received Date: 10/18/2017 7:10:00 AM Lab ID: PQL Qual Units **DF** Date Analyzed Batch Analyses Result EPA METHOD 8021B: VOLATILES Analyst: NSB 10/19/2017 10:59:28 PM B46484 Benzene ND 1.0 µg/L 1 Toluene ND 1.0 µg/L 1 10/19/2017 10:59:28 PM B46484 Ethylbenzene ND 1.0 µg/L 1 10/19/2017 10:59:28 PM B46484 10/19/2017 10:59:28 PM B46484 Xylenes, Total ND 2.0 µg/L 1 10/19/2017 10:59:28 PM B46484 Surr: 4-Bromofluorobenzene 97.8 72.5-140 %Rec 1

Hall Environmental Analysis Laboratory, Inc.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 9 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.		(Client Sam	ple ID: MW-48	
Project: Largo CS			Collection	Date: 10/17/2017 2:20:00 PM	
Lab ID: 1710966-010	Matrix:	AQUEOUS	Received	l Date: 10/18/2017 7:10:00 AM	
Analyses	Result	PQL Qual	Units	DF Date Analyzed Ba	atch
EPA METHOD 8021B: VOLATILES				Analyst: N	SB
Benzene	28	1.0	µg/L	1 10/19/2017 11:22:51 PM B4	46484
Toluene	ND	1.0	µg/L	1 10/19/2017 11:22:51 PM B4	46484
Ethylbenzene	17	1.0	µg/L	1 10/19/2017 11:22:51 PM B4	46484
Xylenes, Total	21	2.0	µg/L	1 10/19/2017 11:22:51 PM B4	46484
Surr: 4-Bromofluorobenzene	111	72.5-140	%Rec	1 10/19/2017 11:22:51 PM B4	46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 10 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.			Client Samp	ble ID: MW-13	
Project: Largo CS			Collection	Date: 10/17/2017 3:25:00 PM	1
Lab ID: 1710966-011	Matrix:	AQUEOUS	Received	Date: 10/18/2017 7:10:00 AM	Λ
Analyses	Result	PQL Qua	l Units	DF Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES				Analy	st: NSB
Benzene	ND	1.0	µg/L	1 10/19/2017 11:46:13	PM B46484
Toluene	ND	1.0	µg/L	1 10/19/2017 11:46:13	PM B46484
Ethylbenzene	ND	1.0	µg/L	1 10/19/2017 11:46:13	PM B46484
Xylenes, Total	ND	2.0	µg/L	1 10/19/2017 11:46:13	PM B46484
Surr: 4-Bromofluorobenzene	101	72.5-140	%Rec	1 10/19/2017 11:46:13	PM B46484

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 11 of 12
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:Apex Titan, Inc.Project:Largo CS

						and the second se					
Sample ID	RB	SampT	ype: ME	BLK	Test						
Client ID:	PBW	Batch ID: B46484			R	RunNo: 46484					
Prep Date:		Analysis Date: 10/19/2017			S	481292	Units: µg/L				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	1.0								
Toluene		ND	1.0								
Ethylbenzene		ND	1.0								
Xylenes, Total		ND	2.0								
Surr: 4-Brom	nofluorobenzene	20		20.00		98.8	72.5	140			
Sample ID	100NG BTEX LCS	SampT	ype: LC	S	Tes	tCode: E	PA Method	8021B: Volat	iles		
Sample ID Client ID:	100NG BTEX LCS LCSW	SampT Batch	ype: LC	S 6484	Tesi	tCode: E RunNo: 4	PA Method 16484	8021B: Volat	iles		
Sample ID Client ID: Prep Date:	100NG BTEX LCS LCSW	SampT Batch Analysis D	ype: LC ID: B4 Date: 10	S 6484)/19/2017	Tesi R S	tCode: E RunNo: 4 SeqNo: 1	PA Method 16484 1481293	8021Β: Volat Units: μg/L	iles		
Sample ID Client ID: Prep Date: Analyte	100NG BTEX LCS LCSW	SampT Batch Analysis D Result	ype: LC ID: B4 Date: 10 PQL	S 6484)/19/2017 SPK value	Tes R S SPK Ref Val	tCode: E RunNo: 4 SeqNo: 1 %REC	PA Method 46484 1481293 LowLimit	8021Β: Volat Units: μ g/L HighLimit	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 20	ype: LC n ID: B4 Date: 10 PQL 1.0	S 6484 0/19/2017 SPK value 20.00	Tesi F S SPK Ref Val 0	tCode: E RunNo: 4 SeqNo: 1 %REC 99.5	EPA Method 46484 1481293 LowLimit 73.9	8021B: Volat Units: µg/L HighLimit 120	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 20 20	Type: LC n ID: B4 Date: 10 PQL 1.0 1.0	S 6484 0/19/2017 SPK value 20.00 20.00	Tesi F S SPK Ref Val 0 0	tCode: E RunNo: 4 SeqNo: 1 %REC 99.5 97.7	EPA Method 6484 1481293 LowLimit 73.9 77.3	8021B: Volat Units: µg/L HighLimit 120 117	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 20 20 20	ype: LC n ID: B4 pate: 10 PQL 1.0 1.0 1.0	S 6484 0/19/2017 SPK value 20.00 20.00 20.00	Tesi F S SPK Ref Val 0 0 0 0	tCode: E RunNo: 4 SeqNo: 1 %REC 99.5 97.7 100	EPA Method 46484 1481293 LowLimit 73.9 77.3 78.8	8021B: Volat Units: µg/L HighLimit 120 117 119	iles %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	100NG BTEX LCS LCSW	SampT Batch Analysis D Result 20 20 20 60	ype: LC DID: B4 Date: 10 PQL 1.0 1.0 2.0	S 6484 0/19/2017 SPK value 20.00 20.00 20.00 60.00	Tesi F SPK Ref Val 0 0 0 0 0	tCode: E RunNo: 4 SeqNo: 1 %REC 99.5 97.7 100 99.9	EPA Method 46484 481293 LowLimit 73.9 77.3 78.8 76.9	8021B: Volat Units: µg/L HighLimit 120 117 119 121	iles %RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 12 of 12

WO#: 1710966

20-Oct-17

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmenta All TEL: 505-345-397 Website: www.h	al Analysis 4901 F. buquerque, 5 FAX: 50. allenviron	Laboratory Iawkins NE NM 87109 5-345-4107 mental.com	Sam	ple Log-In Check Lis
Client Name: APEX AZTEC	Work Order Number	r: 171096	36		RcptNo: 1
Received By: Anne Thome	10/18/2017 7:10:00 A	м	4	Im Am	~
Completed By: Anne Thorne	10/18/2017 9:57:19 A	M	/	In Al.	
Reviewed By: SRE (0/18/17			4	ma gra	
Chain of Custody					
1. Custody seals intact on sample bottles?		Yes	~	No 🗌	Not Present
2. Is Chain of Custody complete?		Yes	\checkmark	No 🗌	Not Present
3. How was the sample delivered?		Courie	16		
<u>Log In</u>				_	_
4. Was an attempt made to cool the samples?		Yes	\checkmark	No 🗌	NA
5. Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No 🗌	
6. Sample(s) in proper container(s)?		Yes	\checkmark	No 🗌	
7. Sufficient sample volume for indicated test(s)	?	Yes	\checkmark	No 🗌	
8. Are samples (except VOA and ONG) property	y preserved?	Yes	\checkmark	No 🗆	_
9. Was preservative added to bottles?		Yes		No 🗹	NA 🗌
10. VOA vials have zero headspace?		Yes	\checkmark	No 🗌	No VOA Vials
11. Were any sample containers received broke	n?	Yes		No 🗹	# of preserved
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	\checkmark	No 🗌	for pH: (<2 or >12 unless
13. Are matrices correctly identified on Chain of	Custody?	Yes	\checkmark	No 🗌	Adjusted?
14. Is it clear what analyses were requested?		Yes	\checkmark	No 🗌	
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	✓	No 🗌	Checked by:
Special Handling (if applicable)					
16. Was client notified of all discrepancies with the	nis order?	Yes [No 🗌	NA 🗹
Person Notified:	Date			nan dagan a naha ipilik a siyani	
By Whom:	Via:	🗌 eMai	I 🗌 Phone	e 🗌 Fax	
Regarding:	MARTIN STATUTE COMPANY	and the second second	an a	ins in a filter state of	a La canàl da la fanina da da cana da da cana da da cana da can
17. Additional remarks:					
18. Cooler Information					
Cooler No Temp °C Condition Se	al Intact Seal No	Seal Dat	e Sig	ned By	
1 1.0 Good Yes		n			

					CHAIN OF CUSTODY RECORD
×	Hall En	iviranne	tel	ANALYSIS REQUESTED	Lab use only Due Date:
ADEX	Address Van H	al lane Act			
	Address: 9901 FT	IN STIC	/		Temp. of coolers (- O when received (C°):
Unice Location	Contact: A Free	man			1 2 3 4 5
Are nom stun	Phone: Sos-	245-2070		3////	Page / of 2
Project Manager K Sullivilles	POICO # 705	AUDIO15	» Ч	vo/ / / /	/ / / · · · · · · · · · · · · · · · · ·
Sampler's Name Ranze Deechilly	Sampler's Signature				
Proje No. Project Name	1	No/Type of Conta	ainers	1 4 / / / / /	1.1.1
22504013154 Largo (S				
Matrix Date Time 0 4 Identifying Mar	ks of Sample(s) training the difference of Sample(s) the difference of the differenc	VOA A/G 1 LI 250	Glass Jar P,O		Lab Sample ID (Lab Use Only)
W 10/19/17 1310 MW	-76	3		X	1710966-001
W 10/10/17 1400 MW	- 77	3		X	-202
W10/10/17 1500 MW	-79	3		\langle	-203
W 10/16/17 1550 MM	1-80	3		X	-004
	the stand				
	-				
Turn around time VNormal 25% Rush	50% Rush 🔲 100% Rush		×		1
Relinquished by (Signature) Date: 1 MM D. M. H. M. WITTIT 97	ime: Repeived by: (Sign	nature)	Date;	Time: NOTES:	4-2-
Relinguished by (Signature) Date: 1 16/17/-7 70	Time; Received by: (Sign	hatur	Date:	Time: D11(90	reterate
Reloquished by (Signature) Date: 1	ime: Received by: (Sign	ature)	Date:	Time:	
Relinquished by (Signature) Date: 1	ime. Received by: (Sign	nature)	Date:	Time:	
Matrix WW - Wastewater W - Water S	- Soil SD - Soid L - Liqu	id A - Air Bag	C - Cha	arcoal tube SL - sludge C - Cil lastic or other	

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						CHAIN OF CUSTODY RECOR
	ŕ	to IL Er	DUM	inmental	ANALYSIS	Lab use only Due Date:
	Laboratory:	Analysi	s La	burgitary	REQUESTED	
APEX	Address: 4	aci He	AWKI	IN NE		Temp of scolers 1.0
Office Location	Albuque	que, M	И	87109		when received (C°):
666 S. Rio Grand Suit	Contact:	Altre	ma	7	- × / / /	
Aztec, NUN 87410	Phone:	505-30	15-1	3975		Page 2 of 2
Project Manager K. Durring	PO/SO #:	7250	649	12154	7////	
Range Deechilly	Rup h	l2				
Proj. No. Project Name	1.55		No/Ty	pe of Containers		
C G	you s		~		- 7 / / / / / ,	
Matrix Date Time or Ide maile Pb	ntifying Marks of Sample(s)	End Dept	101	AVG 111 250 250 Jar Jar		Lab Sample ID (Lab Use Only)
Nº 1011917950	MW-37		-3		×	1710946-005
W 10/17/17/1040	M10-75		3		X	706
W 10/17/17 1200	MW-54		3		X	-00-
W 10/17/17/250	MW-53		3		X	-205
W 10/17/17/340	MIV-Y9		3		X	-209
W 10/17/17/1420	MW-48		3		K	-010
W 10/17/17 1525	MW-13		3		\times	-711
Turn around time Normal 25% F	Rush 🗋 50% Rush 🗌 1	00% Rush				
Belinguished by (Signature) Date	17 1900 Perived	I by: (Signat	ure)	- Date:	Time: NOTES:	4
Relinquished by (Signature) Date	Time: Received	by: (Signat	(ine)	Date:	Time: Bill - K A	+pex
Rélinquished by (Signature) Date	: Time: Received	by: (Signat	ure)	Date:	Time: (arpara	ate rate
Relinquished by (Signature) Date	: Time: Received	l by: (Signat	ure)	Date:	Time:	
Matrix WW - Wastewater W - V Container VOA - 40 ml vial A/G -	Vater S Soil SD - Sold Amber / Or Glass 1 Liter	L - Liquid 250 ml - 0	A - Glass w	Air Bag C - Chi ide mouth P/C - F	arcoal tube SL - sludge Q - Cil Plastic or other	

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