Enterprise Products

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

ENTERPRISE PRODUCTS OPERATING LLC

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 gemiller@eprod.com.

Sincerely,

Gregory E. Miller

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

Rodney M. Sartor, REM
Sr. Director, Environmental

cc: Mr. John Berry and Mrs. Patricia Berry – Landowner
ec: Mr. Cory Smith – NMOCD, Aztec, NM
Ms. Vanessa Fields – NMOCD, Aztec, NM
Mr. Jim Griswold – NMOCD, Santa Fe, NM
Mr. Brad Billings – NMOCD, Santa Fe, NM
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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

Prepared for:

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

Prepared by:

Ranee Deechilly
Project Scientist

Kyle Summers, CPG
Branch Manager / Senior Geologist

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.

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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

Area 1: The release was discovered that resulted from a frozen valve on a condensate storage tank. The release flowed into the below-grade drain tanks, which subsequently overflowed into the surrounding containment. The release was subsequently reported to the New Mexico EMNRD OCD.

March/April 2008

Area 1: *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* (*RA*L). 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/September 2008

Area 1: Enterprise submitted a notice that the condensate storage tank system was scheduled to be upgraded/replaced.

September/October 2008

Areas 1 through 4: The New Mexico EMNRD OCD approved Enterprise'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.

July 2009

Area 1: *Inspection Report – New Mexico OCD (July 9, 2009):* Onsite 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.

July 2009

Area 1: *Response to Inspection Report – Enterprise (July 23, 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

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 *GQSs*.

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

Area 1: *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 *RALs*. 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 *GQSs*. 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

Area 1: *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	Area 1: *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 2010	Area 1: The New Mexico EMNRD OCD approved the December 31, 2009 work plan, with conditions.
March/April 2010	Area 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. Area 1: 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	Area 1: A final C-141 was submitted to the New Mexico EMNRD OCD, indicating the need for additional studies. Areas 1 through 4: 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	Areas 1 through 4: *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. Areas 1 through 4: The New Mexico EMRND OCD approved the proposed work plan submitted on June 10, 2010 with conditions.
June/July 2010	Area 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. Area 1: 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	Areas 1 through 4: 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/March 2011	Area 1: *Corrective Action Work Plan (SWG – February 18, 2011)*: Enterprise proposed an in-situ chemical oxidation (ISCO) pilot study at the condensate storage tank area. Areas 1 through 4: *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	Area 1: *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	Areas 3 and 4: *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	Area 3: Enterprise resumed the supplemental investigation, focusing on additional soil and groundwater COC delineation in Area 3.
March 2013	Area 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	Areas 1 and 3: *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 2013	Area 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 2014	Area 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	Area 3: *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	Area 3: In response to the New Mexico ENMRD OCD request to perform more rapid remediation at the Site, 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	Area 1 and 3: *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	Area 1 and 3: *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 ($HgCl_2$).

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 (µg/L) and 1,100 µg/L, respectively, which exceed the WQCC *GQS* of 10 µg/L. The groundwater samples collected from monitoring wells MW-16, MW-39, MW-48, and MW-51 exhibited benzene concentrations ranging from 1.3 µg/L (MW-51) to 3.1 µg/L (MW-16 and MW-48), which are below the WQCC *GQS* of 10 µg/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 Site monitoring wells did not exhibit toluene concentrations above the laboratory PQLs, which are below the WQCC *GQS* of 750 µg/L.

The groundwater samples collected from monitoring wells MW-37 and MW-48 exhibited ethylbenzene concentrations of 480 µg/L and 1.7 µg/L, respectively, which are below the WQCC *GQS* of 750 µg/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 µg/L.

The groundwater sample collected from monitoring well MW-37 exhibited a total xylenes concentration of 2,200 µg/L, which is above the WQCC *GQS* of 620 µg/L. The groundwater sample collected from monitoring well MW-48 exhibited a total xylenes concentration of 1.6 µg/L, which is below the WQCC *GQS* of 620 µg/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 µg/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 µg/L (MW-48) to 1,300 µg/L (MW-7), which exceed the WQCC *GQS* of 10 µg/L. The groundwater samples collected from monitoring wells MW-15, MW-41, and MW-51 exhibited benzene concentrations ranging from 1.0 µg/L (MW-15 and MW-51) to 3.8 µg/L (MW-41), which are below the WQCC *GQS* of 10 µg/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 µg/L.

The groundwater samples collected from monitoring wells MW-7, MW-37, and MW-48 exhibited ethylbenzene concentrations ranging from 17 µg/L (MW-7 and MW-48) to 280 µg/L (MW-37), which are below the WQCC *GQS* of 750 µg/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 µg/L.

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. The groundwater sample collected from monitoring well MW-48 exhibited total xylenes concentration of 21 µg/L, which is below the WQCC *GQS* of 620 µg/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 µg/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.

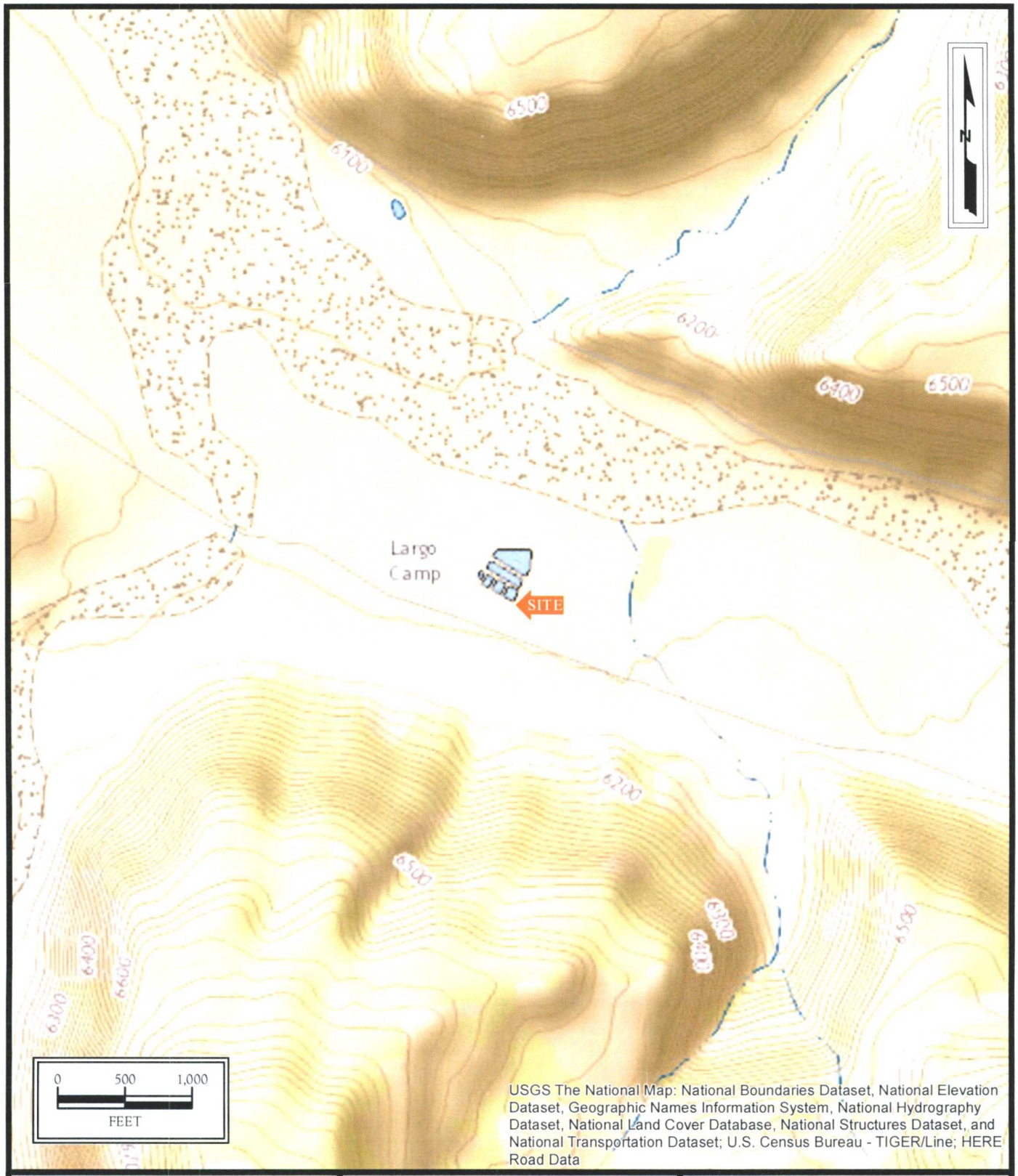
5.0 STANDARD OF CARE, LIMITATIONS & RELIANCE

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.



USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

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

Project No. 725040112154

Apex TITAN, Inc.
606 South Rio Grande, Suite A
Aztec, NM 87410
Phone: (505) 334-5200
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A Subsidiary of Apex Companies, LLC

FIGURE 1
Topographic Map
Smouse Mesa, NM Quadrangle
2013

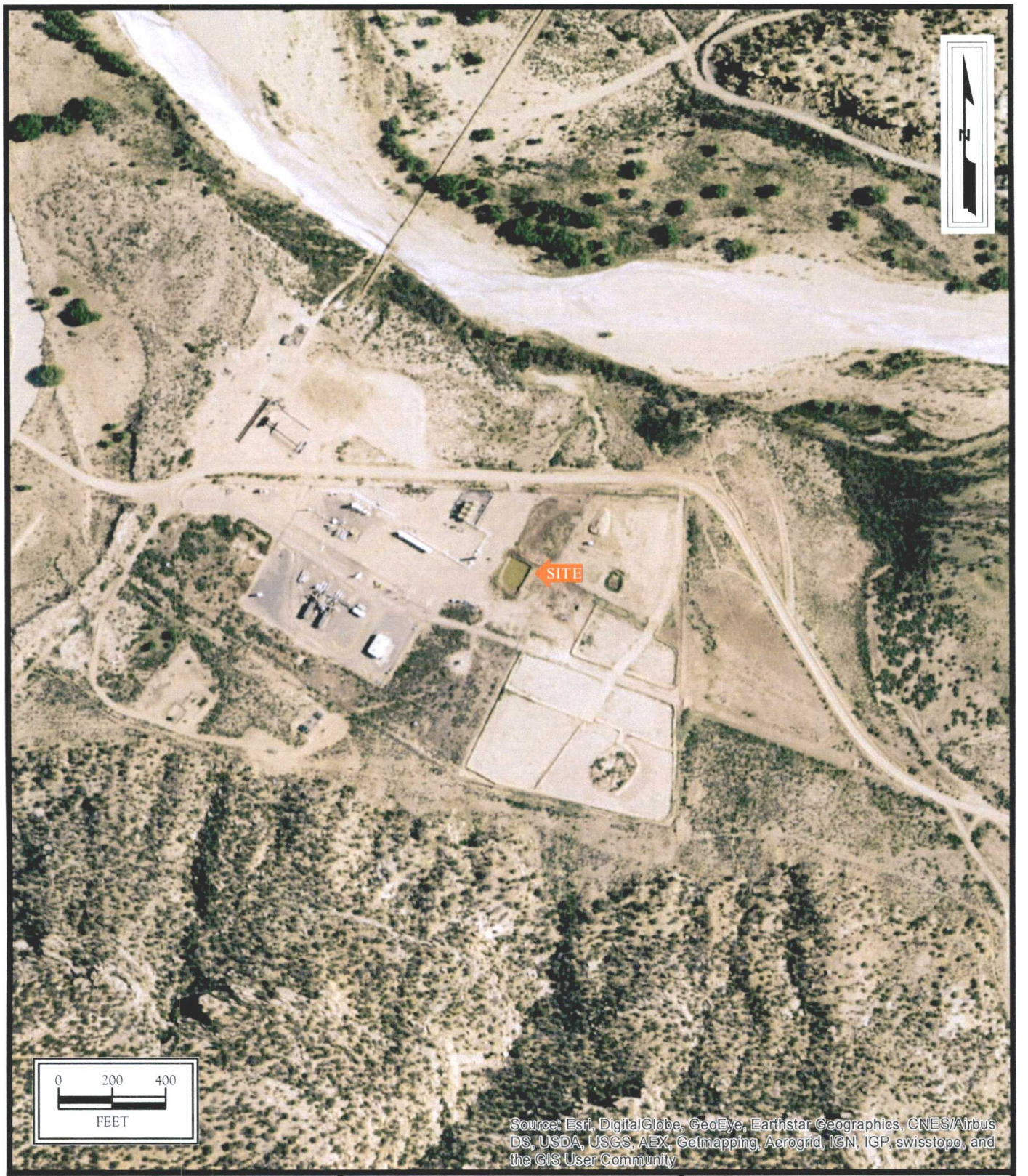

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FIGURE 2
Site Vicinity Map

APPENDIX B

Tables

APEX

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
Monitoring Wells Installed by Lodestar								
P-3	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
	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
MW-3R (P-3*)	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
	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	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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-6	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
	4.19.11	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	<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
	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

APEX

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-7	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	**3,000**	<10	40	31	NA	NA
	4.05.10	NA	**940**	<10	<10	<20	4.2	1.3
	5.27.10	NA	**700**	<10	11	<20	NA	NA
	7.13.10	NA	**15,000**	<10	130	25	51	4.6
	8.26.10	NA	**5,300**	<20	35	<40	18	1.7
	11.18.10	NA	**3,700**	<20	62	<40	11	1.2
	2.1.11	NA	**1,800**	<1.0	10	4.6	2.2	<1.0
	4.19.11	NA	**250**	<1.0	2.9	2.4	0.75	<1.0
	5.19.11	NA	**1,400**	<5.0	15.0	<10	4.0	<1.0
	7.28.11	NA	**75**	<5.0	200	62.0	45	2.7
	10.28.11	NA	**1,300**	<10	140	<20	32	6.1
	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	<1.0	3.1	0.13	<1.0
	10.29.14	NA	2.3	<1.0	<1.0	<2.0	NA	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	7.0	<1.0	<1.0	<2.0	NA	NA
	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-8	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
	1.27.12	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
	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-9	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
	4.19.11	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
	10.27.11	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
	4.19.12	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
	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
	10.28.14	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	<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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
P-2	4.04.08	NA	**15,000**	**2,100**	380	**4,600**	120	6.8
	8.10.09	NA	**9,800**	110	170	**1,400**	NA	NA
	11.24.09	NA	**21,000**	360	460	**2,700**	NA	NA
	2.25.10	NA	**19,000**	380	380	**2,800**	NA	NA
MW-11 (P-2*)	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
	7.13.10	NA	**700**	4.5	11	56	3.6	1.2
	8.26.10	NA	**86**	<1.0	1.3	4.9	0.4	<1.0
	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
	7.28.11	NA	**46**	<1.0	38	76	11	1.7
	10.28.11	NA	**1,600**	<10	31	37	4.6	2.2
	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.	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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
P-1	4.04.08	NA	**5,700**	**2,200**	310	**5,500**	53	<1.0
	8.10.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	11.24.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	2.25.10	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
MW-12 (P-1*)	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**	420	70	**1,300**	13	<1.0
	11.18.10	NA	**1,100**	69	61	**720**	6.3	<1.0
	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
	7.28.11	NA	**12,000**	**2,300**	320	**3,200**	54	3.9
	10.28.11	NA	**4,900**	59	130	**3,300**	29	7.3
	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	**4,600**	<50	160	**920**	17	3.3
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
P-5	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
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	1.8	6.1	<1.0	11	NA	NA
MW-13 (P-5*)	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
	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
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<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
	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
	10.25.13	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	<1.0	<1.0	<2.0	NA	NA
	4.29.15	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
	4.27.16	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
	5.18.17	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

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
P-4	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
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	2.5	7.5	<1.0	14	NA	NA
MW-14 (P-4*)	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
	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
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<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
	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
	10.25.13	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	<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
	10.13.16	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-15	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	<1.0	<2.0	0.095	<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	**1500**	<1.0	19	20	6.7	<1.0
	10.28.11	NA	**810**	<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
	7.31.12	NA	**64**	<1.0	1.1	<2.0	0.22	<1.0
	10.19.12	NA	**400**	<1.0	7.2	7.8	2.0	<1.0
	4.24.13	NA	6.4	<1.0	<1.0	<2.0	0.094	<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
	4.29.15	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
	10.13.16	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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-16	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
	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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
Monitoring Wells Installed by Apex TITAN (formerly Southwest Geoscience)								
TSW-31	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	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
	4.23.13	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
	4.24.14	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[1]	NA	NS	NS	NS	NS	NS	NS
MW-33	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
	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	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	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

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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-34	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
	4.23.13	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
	4.24.14	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	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
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-35	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
	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	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	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						

APEX

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-36	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<1.0	2.1	<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	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	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	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	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
	10.17.17[1]	NA	NS	NS	NS	NS	NS	NS
MW-37	2.4.11	NA	**3,100**	**6,200**	700	**7,000**	38	3.9
	4.20.11	NA	**2,500**	**3,600**	500	**5,100**	34	4.2
	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
	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.23.13	NA	**670**	260	230	**1,100**	13	4.1
	10.29.13	NA	**580**	170	150	610	10	7.7
	4.24.14	NA	**740**	49	120	450	7.2	4.9
	10.30.14	NA	**770**	<20	140	510	NA	NA
	5.7.15	NA	**1,500**	220	330	**1,300**	NA	NA
	10.23.15	NA	**1,000**	21	360	**2,000**	NA	NA
	5.2.16	NA	**820**	<10	180	510	NA	NA
	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

APEX

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-38	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	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	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
	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	<1.0	<2.0	NA	NA
	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
MW-39	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
	10.17.12	NA	**13**	<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	**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
	5.7.15	NA	**25**	<1.0	<1.0	3.1	NA	NA
	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
	10.12.17	NA	<1.0	<1.0	<1.0	<1.5	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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-40 **	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	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	Dry	Dry	Dry
MW-40R	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	7,930	<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
	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
	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
	10.28.15	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
	10.14.16	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
MW-41	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	<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	30,200	<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
	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
	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
	10.26.15	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-42	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	<1.0	<2.0	<0.050	<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
	7.30.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.16.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	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	<1.0	<2.0	NA	NA
	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.					
MW-43	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	0.06	<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	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
	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	<1.0	<1.0	<2.0	NA	NA
	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

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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
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
MW-47	1.28.11	NA	<5.0	<5.0	<5.0	<10	1.3	2.5
	4.18.11	NA	<5.0	<5.0	<5.0	<10	2.0	1.2
	7.28.11	NA	<5.0	<5.0	<5.0	27.0	6.6	1.1
	10.28.11	NA	<5.0	<5.0	<5.0	<10	1.4	2.7
	1.30.12	NA	<5.0	<5.0	<5.0	<10	2.6	2.5
	4.18.12	NA	**11**	<5.0	16	38	5.5	2.9
	7.31.12	NA	<10	<10	<10	<20	4.5	2.9
	10.18.12	NA	<5.0	<5.0	<5.0	91	12	1.8
	4.24.13	NA	<5.0	<5.0	5.0	<10	6.4	2.3
	10.24.13	NA	**190**	<5.0	8.9	<10	9.1	4.7
	4.28.14	NA	**700**	<5.0	27	<10	8.5	4.0
	10.29.14	NA	**750**	<10	29	<20	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						
MW-48	4.18.12	NA	**290**	**3,200**	360	**5,000**	25	1.3
	7.30.12	NA	**120**	**1,100**	160	**2,900**	15	<1.0
	10.17.12	NA	**190**	580	150	**1,700**	8.5	<1.0
	4.23.13	NA	**140**	<5.0	170	310	2.9	<1.0
	10.29.13	NA	**67**	<5.0	51	83	0.87	<1.0
	4.28.14	NA	9.2	<1.0	7.8	15	0.25	<1.0
	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	3.1	<1.0	1.7	1.6	NA	NA
	10.17.17	NA	**28**	<1.0	17	21	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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-49	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	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	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
	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
	10.20.16	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
MW-50	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	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	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
	10.28.15	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-51	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	NA	3.0	<1.0	1.5	<2.0	0.078	<1.0
	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
	10.28.14	NA	5.3	<1.0	<1.0	<2.0	NA	NA
	5.7.15	NA	2.3	<1.0	<1.0	<2.0	NA	NA
	10.29.15	NA	4.9	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	1.7	<1.0	<1.0	<2.0	NA	NA
	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	<1.0	<2.0	NA	NA
MW-52	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	27,000	<1.0	<1.0	<1.0	<2.0	<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	<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	<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	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
	5.22.17	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.	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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-53	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	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	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	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
MW-54	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	<1.0	<2.0	<0.050	<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
	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
	10.20.16	NA	<2.0	<2.0	<2.0	<4.0	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
MW-55	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	1.4	<2.0	<0.050	<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
	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	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	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 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 Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-75	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
	5.4.15	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
	4.29.16	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
	5.17.17	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
MW-76	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
	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
	10.20.16	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
MW-77	6.3.13	**17,900**	<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
	4.23.14	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
	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
	10.20.16	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

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 Water Quality Control Commmission Groundwater Quality Standards		NE	10	750	750	620	NE	NE
MW-79	6.3.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	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
	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
	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	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-80	6.3.13	13,000	<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
	4.23.14	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
	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	<1.0	<1.0	<2.0	NA	NA
	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
MW-83	6.3.13	14,500	<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	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	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	<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.	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 Quality Control Commmission Groundwater Quality Standards		**NE**	**10**	**750**	**750**	**620**	**NE**	**NE**
MW-88	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
	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
MW-89	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
	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
MW-90	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
	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

APEX

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]
MW-3R	4.5.10	6117.48	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
	4.19.12		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
MW-6	8.10.09	6115.47	None Observed	20.28	0.0	6095.19
	11.24.09		None Observed	20.17	0.0	6095.30
	2.25.10		None Observed	19.54	0.0	6095.93
	4.5.10		None Observed	19.11	0.0	6096.36
	5.27.10		None Observed	19.28	0.0	6096.19
	6.25.10		None Observed	19.87	0.0	6095.60
	7.13.10		None Observed	20.09	0.0	6095.38
	8.26.10		None Observed	19.68	0.0	6095.79
	11.18.10		None Observed	19.72	0.0	6095.75
	1.25.11		None Observed	19.51	0.0	6095.96
	4.22.11		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
	1.26.12		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		None Observed	19.89	0.0	6095.58
	5.17.17		None Observed	19.06	0.0	6096.41
	10.10.17		None Observed	19.64	0.0	6095.83

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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]
MW-7	8.10.09	6116.65	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
	4.5.10		None Observed	20.96	0.0	6095.69
	5.27.10		None Observed	20.96	0.0	6095.69
	6.25.10		None Observed	21.32	0.0	6095.33
	7.13.10		None Observed	21.46	0.0	6095.19
	8.26.10		None Observed	21.36	0.0	6095.29
	11.18.10		None Observed	21.42	0.0	6095.23
	1.25.11		None Observed	21.24	0.0	6095.41
	4.22.11		None Observed	21.22	0.0	6095.43
	7.27.11		None Observed	21.80	0.0	6094.85
	10.26.11		None Observed	21.94	0.0	6094.71
	1.26.12		None Observed	21.82	0.0	6094.83
	4.19.12		None Observed	21.70	0.0	6094.95
	7.31.12		None Observed	21.88	0.0	6094.77
	10.18.12		None Observed	22.12	0.0	6094.53
	4.24.13		None Observed	21.65	0.0	6095.00
	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	0.0	6095.52
	4.08.16		None Observed	20.79	0.0	6095.86
	10.07.16		None Observed	21.58	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
MW-8	8.10.09	6118.28	None Observed	23.17	0.0	6095.11
	11.24.09		None Observed	23.43	0.0	6094.85
	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
	7.13.10		None Observed	23.21	0.0	6095.07
	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
	10.26.11		None Observed	23.75	0.0	6094.53
	1.26.12		None Observed	23.64	0.0	6094.64
	4.19.12		None Observed	23.54	0.0	6094.74
	7.31.12		None Observed	23.19	0.0	6095.09
	10.18.12		None Observed	23.96	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
	10.20.15		None Observed	23.10	0.0	6095.18
	4.08.16		None Observed	22.65	0.0	6095.63
	10.07.16		None Observed	23.36	0.0	6094.92
	5.17.17		None Observed	22.73	0.0	6095.55
	10.10.17		None Observed	23.46	0.0	6094.82

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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]
MW-9	8.10.09	6117.83	None Observed	21.95	0.0	6095.88
	11.24.09		None Observed	21.98	0.0	6095.85
	2.25.10		None Observed	21.51	0.0	6096.32
	4.5.10		None Observed	21.00	0.0	6096.83
	5.27.10		None Observed	21.10	0.0	6096.73
	6.25.10		None Observed	21.56	0.0	6096.27
	7.13.10		None Observed	21.77	0.0	6096.06
	8.26.10		None Observed	21.58	0.0	6096.25
	11.18.10		None Observed	21.61	0.0	6096.22
	1.25.11		None Observed	21.43	0.0	6096.40
	4.22.11		None Observed	21.30	0.0	6096.53
	7.27.11		None Observed	22.15	0.0	6095.68
	10.26.11		None Observed	22.25	0.0	6095.58
	1.26.12		None Observed	22.04	0.0	6095.79
	4.19.12		None Observed	21.88	0.0	6095.95
	7.31.12		None Observed	21.98	0.0	6095.85
	10.18.12		None Observed	22.37	0.0	6095.46
	4.24.13		None Observed	21.79	0.0	6096.04
	10.23.13		None Observed	21.39	0.0	6096.44
	4.21.14		None Observed	21.20	0.0	6096.63
	10.27.14		None Observed	21.48	0.0	6096.35
	4.28.15		None Observed	21.06	0.0	6096.77
	10.20.15		None Observed	21.27	0.0	6096.56
	4.08.16		None Observed	20.85	0.0	6096.98
	10.07.16		None Observed	21.79	0.0	6096.04
	5.17.17		None Observed	22.90	0.0	6094.93
	10.10.17		None Observed	21.73	0.0	6096.10
MW-11	4.5.10	6116.65	None Observed	20.57	0.0	6096.08
	5.27.10		None Observed	20.75	0.0	6095.90
	6.25.10		None Observed	21.33	0.0	6095.32
	7.13.10		None Observed	21.54	0.0	6095.11
	8.26.10		None Observed	21.17	0.0	6095.48
	11.18.10		None Observed	21.16	0.0	6095.49
	1.25.11		None Observed	21.02	0.0	6095.63
	4.22.11		None Observed	20.91	0.0	6095.74
	7.27.11		None Observed	21.89	0.0	6094.76
	10.26.11		None Observed	21.94	0.0	6094.71
	1.26.12		None Observed	21.64	0.0	6095.01
	4.19.12		None Observed	21.49	0.0	6095.16
	7.31.12		None Observed	21.49	0.0	6095.16
	10.18.12		None Observed	21.98	0.0	6094.67
	4.24.13		None Observed	21.40	0.0	6095.25
	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]
MW-12	4.5.10	6111.24	None Observed	14.88	0.0	6096.36
	5.27.10		None Observed	15.11	0.0	6096.13
	6.25.10		None Observed	15.67	0.0	6095.57
	7.13.10		None Observed	15.91	0.0	6095.33
	8.26.10		None Observed	15.55	0.0	6095.69
	11.18.10		None Observed	16.58	0.0	6094.66
	1.25.11		None Observed	15.73	0.0	6095.51
	4.22.11		None Observed	15.30	0.0	6095.94
	7.27.11		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		None Observed	15.83	0.0	6095.41
	10.18.12		16.30	16.31	0.01	6094.94
	4.24.13		None Observed	15.68	0.00	6095.56
	9.6.13		Monitoring well was removed during remediation September 2013.			
MW-13	4.5.10	6115.46	None Observed	19.26	0.0	6096.20
	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	20.59	0.0	6094.87
	10.26.11		None Observed	20.62	0.0	6094.84
	1.26.12		None Observed	20.34	0.0	6095.12
	4.19.12		None Observed	20.19	0.0	6095.27
	7.31.12		None Observed	20.15	0.0	6095.31
	10.18.12		None Observed	20.67	0.0	6094.79
	4.24.13		None Observed	20.10	0.0	6095.36
	10.23.13		None Observed	19.64	0.0	6095.82
	4.21.14		None Observed	19.63	0.0	6095.83
	10.27.14		None Observed	19.77	0.0	6095.69
	4.28.15		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

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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]
MW-14	4.5.10	6115.99	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		None Observed	21.48	0.0	6094.51
	1.26.12		None Observed	21.15	0.0	6094.84
	4.19.12		None Observed	21.00	0.0	6094.99
	7.31.12		None Observed	21.00	0.0	6094.99
	10.18.12		None Observed	21.50	0.0	6094.49
	4.24.13		None Observed	20.91	0.0	6095.08
	10.23.13		None Observed	20.43	0.0	6095.56
	4.21.14		None Observed	21.38	0.0	6094.61
	10.27.14		None Observed	20.58	0.0	6095.41
	4.28.15		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
MW-15	4.5.10	6116.49	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	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
	4.19.12		None Observed	21.56	0.0	6094.93
	7.31.12		None Observed	Errant Gauge	0.0	Errant Gauge
	10.18.12		None Observed	22.05	0.0	6094.44
	4.24.13		None Observed	21.50	0.0	6094.99
	4.21.14		None Observed	20.92	0.0	6095.57
	10.27.14		None Observed	21.17	0.0	6095.32
	4.28.15		None Observed	20.74	0.0	6095.75
	10.20.15		None Observed	20.90	0.0	6095.59
	4.08.16		None Observed	20.58	0.0	6095.91
	10.07.16		None Observed	21.48	0.0	6095.01
	5.17.17		None Observed	20.65	0.0	6095.84
	10.10.17		None Observed	21.25	0.0	6095.24

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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]
MW-16	4.5.10	6117.57	None Observed	21.51	0.0	6096.06
	5.27.10		None Observed	51.59	0.0	6065.98
	6.25.10		None Observed	22.10	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
	10.26.11		None Observed	22.71	0.0	6094.86
	1.26.12		None Observed	22.50	0.0	6095.07
	4.19.12		None Observed	22.38	0.0	6095.19
	7.31.12		None Observed	Errant Gauge	0.0	Errant Gauge
	10.18.12		None Observed	22.82	0.0	6094.75
	4.24.13		None Observed	22.28	0.0	6095.29
	10.23.13		None Observed	21.81	0.0	6095.76
	4.21.14		None Observed	21.67	0.0	6095.90
	10.27.14		None Observed	21.94	0.0	6095.63
	4.28.15		None Observed	21.53	0.0	6096.04
	10.20.15		None Observed	21.70	0.0	6095.87
	4.08.16		None Observed	21.33	0.0	6096.24
	10.07.16		None Observed	22.22	0.0	6095.35
	5.17.17		None Observed	21.42	0.0	6096.15
	10.10.17		None Observed	22.07	0.0	6095.50
MW-32	1.25.11	6110.22	None Observed	12.67	0.0	6097.55
	4.22.11		None Observed	12.49	0.0	6097.73
	7.27.11		None Observed	13.47	0.0	6096.75
	10.26.11		None Observed	13.56	0.0	6096.66
	1.26.12		None Observed	13.23	0.0	6096.99
	4.18.12		None Observed	13.05	0.0	6097.17
	7.30.12		None Observed	14.10	0.0	6096.12
	10.18.12		None Observed	13.59	0.0	6096.63
	4.23.13		None Observed	13.00	0.0	6097.22
	10.23.13		None Observed	12.64	0.0	6097.58
	4.21.14		None Observed	12.47	0.0	6097.75
	10.27.14		None Observed	12.79	0.0	6097.43
	4.28.15		None Observed	12.19	0.0	6098.03
	10.20.15		None Observed	12.54	0.0	6097.68
	4.08.16		None Observed	12.15	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
	10.10.17[3]		Not Gauged			

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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]
MW-33	1.25.11*	6114.02	16.08	16.44	0.36	6097.83
	4.22.11		16.59	16.60	0.01	6097.43
	7.27.11		16.07	16.72	0.65	6097.75
	10.26.11		15.55	16.15	0.60	6098.28
	1.26.12		15.83	15.84	0.01	6098.19
	4.18.12		Not Gauged			
	8.31.12		15.4	17.29	1.89	6098.03
	10.18.12		14.39	17.51	3.12	6098.66
	4.23.13		12.31	12.35	0.04	6101.70
	10.23.13		10.92	14.08	3.16	6102.12
	4.21.14		10.47	10.50	0.03	6103.54
	10.27.14		11.82	12.47	0.65	6102.00
	4.28.15		10.44	11.19	0.75	6103.35
	10.20.15		10.45	11.31	0.86	6103.30
	4.08.16		Monitoring well was removed during remediation October 2015.			
MW-34	1.25.11	6115.3	None Observed	17.38	0.0	6097.92
	4.22.11		None Observed	17.20	0.0	6098.10
	7.27.11		None Observed	18.23	0.0	6097.07
	10.26.11		None Observed	18.32	0.0	6096.98
	1.26.12		None Observed	17.98	0.0	6097.32
	4.18.12		None Observed	17.78	0.0	6097.52
	7.30.12		None Observed	17.80	0.0	6097.50
	10.18.12		None Observed	18.32	0.0	6096.98
	4.23.13		None Observed	17.70	0.0	6097.60
	10.23.13		None Observed	16.32	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
	4.28.15		None Observed	16.88	0.0	6098.42
	10.20.15		None Observed	16.88	0.0	6098.42
	4.08.16		None Observed	16.81	0.0	6098.49
	10.07.16		None Observed	17.78	0.0	6097.52
	5.17.17		None Observed	16.83	0.0	6098.47
	10.10.17		None Observed	17.60	0.0	6097.70
MW-35	1.25.11*	6112.22	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
	1.26.12		14.72	14.73	0.01	6097.50
	4.18.12		Not Gauged			
	8.31.12		14.43	17.49	3.06	6096.84
	10.18.12		14.65	17.84	3.19	6096.58
	4.23.13		10.98	13.05	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
	4.08.16		Monitoring well was removed during remediation October 2015.			

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]
MW-36	1.25.11	6111.48	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
	4.23.13		None Observed	14.11	0.0	6097.37
	10.23.13		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]		Not Gauged			
MW-37	1.25.11	6110.73	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
	4.23.13		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	6098.32
	10.07.16		None Observed	13.38	0.0	6097.35
	5.17.17		None Observed	12.44	0.0	6098.29
	10.10.17		None Observed	13.04	0.0	6097.69
MW-38	1.25.11	6110.43	None Observed	12.06	0.0	6098.37
	4.22.11		None Observed	11.87	0.0	6098.56
	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	12.11	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
	10.23.13		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		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

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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]
MW-39	1.25.11	6113.70	None Observed	16.21	0.0	6097.49
	4.22.11		None Observed	17.35	0.0	6096.35
	7.27.11		None Observed	16.43	0.0	6097.27
	10.26.11		None Observed	16.52	0.0	6097.18
	1.26.12		None Observed	16.57	0.0	6097.13
	4.18.12		None Observed	16.61	0.0	6097.09
	7.30.12		None Observed	16.69	0.0	6097.01
	10.18.12		None Observed	16.77	0.0	6096.93
	4.23.13		None Observed	16.65	0.0	6097.05
	10.23.13		None Observed	16.25	0.0	6097.45
	4.21.14		None Observed	16.24	0.0	6097.46
	10.29.14		None Observed	16.41	0.0	6097.29
	4.28.15		None Observed	16.11	0.0	6097.59
	10.20.15		None Observed	16.06	0.0	6097.64
	4.08.16		None Observed	15.96	0.0	6097.74
	10.07.16		None Observed	16.21	0.0	6097.49
	5.17.17		None Observed	15.92	0.0	6097.78
	10.10.17		None Observed	16.16	0.0	6097.54
MW-40[2]	1.25.11	6115.69	None Observed	19.16	0.0	6096.53
	4.22.11		None Observed	Dry	0.0	Dry
	7.27.11		None Observed	Dry	0.0	Dry
	10.26.11		None Observed	Dry	0.0	Dry
	1.26.12		None Observed	Dry	0.0	Dry
MW-40R	4.18.12	6115.61	None Observed	19.58	0.0	6096.03
	7.30.12		None Observed	19.69	0.0	6095.92
	10.18.12		None Observed	19.96	0.0	6095.65
	4.23.13		None Observed	19.47	0.0	6096.14
	10.23.13		None Observed	19.12	0.0	6096.49
	4.21.14		None Observed	18.85	0.0	6096.76
	10.27.14		None Observed	19.17	0.0	6096.44
	4.28.15		None Observed	18.71	0.0	6096.90
	10.20.15		None Observed	18.93	0.0	6096.68
	4.08.16		None Observed	18.53	0.0	6097.08
	10.07.16		None Observed	19.45	0.0	6096.16
	5.17.17		None Observed	18.59	0.0	6097.02
	10.10.17		None Observed	19.41	0.0	6096.20
MW-41	1.25.11	6112.07	None Observed	14.14	0.0	6097.93
	4.22.11		None Observed	14.18	0.0	6097.89
	7.27.11		None Observed	14.08	0.0	6097.99
	10.26.11		None Observed	14.97	0.0	6097.10
	1.26.12		None Observed	14.20	0.0	6097.87
	4.18.12		None Observed	14.27	0.0	6097.80
	7.30.12		None Observed	14.21	0.0	6097.86
	10.18.12		None Observed	14.18	0.0	6097.89
	4.23.13		None Observed	14.39	0.0	6097.68
	10.23.13		None Observed	14.23	0.0	6097.84
	4.21.14		None Observed	14.26	0.0	6097.81
	10.27.14		None Observed	14.06	0.0	6098.01
	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

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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]
MW-42	1.25.11	6121.53	None Observed	24.88	0.0	6096.65
	4.22.11**		None Observed	Errant Gauge	0.0	Errant Gauge
	7.27.11		None Observed	Dry	0.0	Dry
	10.26.11		None Observed	25.16	0.0	6096.37
	1.26.12		None Observed	24.92	0.0	6096.61
	4.18.12		Not Gauged			Not Gauged
	7.30.12		Dry	Dry	Dry	Dry
	10.18.12		Dry	Dry	Dry	Dry
	4.23.13		Dry	Dry	Dry	Dry
	10.23.13		Dry	Dry	Dry	Dry
	4.21.14		None Observed	25.02	0.0	6096.51
	10.27.14		None Observed	25.35	0.0	6096.18
	4.28.15		Dry	Dry	Dry	Dry
	10.20.15		None Observed	25.19	0.0	6096.34
	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
MW-43	1.25.11	6112.92	None Observed	15.41	0.0	6097.51
	4.22.11		None Observed	15.30	0.0	6097.62
	7.27.11		None Observed	16.27	0.0	6096.65
	10.26.11		None Observed	16.35	0.0	6096.57
	1.26.12		None Observed	16.05	0.0	6096.87
	4.18.12		None Observed	15.87	0.0	6097.05
	7.30.12		None Observed	15.82	0.0	6097.10
	10.18.12		None Observed	16.35	0.0	6096.57
	4.23.13		None Observed	15.79	0.0	6097.13
	10.23.13		None Observed	15.33	0.0	6097.59
	4.21.14		None Observed	15.19	0.0	6097.73
	10.27.14		None Observed	15.42	0.0	6097.50
	4.28.15		None Observed	15.01	0.0	6097.91
	10.20.15		None Observed	15.28	0.0	6097.64
	4.08.16		None Observed	14.92	0.0	6098.00
	10.07.16		None Observed	15.84	0.0	6097.08
	5.17.17		None Observed	14.94	0.0	6097.98
	10.10.17		None Observed	15.64	0.0	6097.28
MW-47	1.25.11	6114.41	None Observed	19.22	0.0	6095.19
	4.22.11		None Observed	19.02	0.0	6095.39
	7.27.11		None Observed	19.69	0.0	6094.72
	10.26.11		None Observed	19.86	0.0	6094.55
	1.26.12		None Observed	19.79	0.0	6094.62
	4.19.12		None Observed	19.67	0.0	6094.74
	7.31.12		None Observed	19.87	0.0	6094.54
	10.18.12		None Observed	20.08	0.0	6094.33
	4.24.13		None Observed	19.65	0.0	6094.76
	10.23.13		None Observed	19.38	0.0	6095.03
	4.21.14		None Observed	19.06	0.0	6095.35
	10.27.14		None Observed	19.37	0.0	6095.04
	4.28.15		None Observed	18.95	0.0	6095.46
	10.20.15		None Observed	19.15	0.0	6095.26
	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

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-48	4.18.12	6109.21	None Observed			Not Gauged
	7.30.12		None Observed	11.90	0.0	6097.31
	10.18.12		None Observed	12.26	0.0	6096.95
	4.23.13		None Observed	11.60	0.0	6097.61
	10.23.13		None Observed	11.18	0.0	6098.03
	4.21.14		None Observed	11.06	0.0	6098.15
	10.27.14		None Observed	11.19	0.0	6098.02
	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	0.0	6098.42
	10.10.17		None Observed	11.33	0.0	6097.88
MW-49	4.18.12	6109.54	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	0.0	6096.62
	4.23.13**		None Observed	Errant Gauge	0.0	Errant Gauge
	10.23.13		None Observed	11.87	0.0	6097.67
	4.21.14		None Observed	11.77	0.0	6097.77
	10.27.14		None Observed	11.89	0.0	6097.65
	4.28.15		None Observed	11.54	0.0	6098.00
	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
MW-50	4.18.12	6120.62	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
	4.23.13		None Observed	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
	10.27.14		None Observed	24.36	0.0	6096.26
	4.28.15		None Observed	23.86	0.0	6096.76
	10.20.15		None Observed	24.04	0.0	6096.58
	4.08.16		None Observed	23.58	0.0	6097.04
	10.07.16		None Observed	24.52	0.0	6096.10
	5.17.17		None Observed	23.68	0.0	6096.94
	10.10.17		None Observed	24.54	0.0	6096.08

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]
MW-51	4.18.12	6113.50	None Observed	18.33	0.0	6095.17
	7.30.12		None Observed	17.47	0.0	6096.03
	10.18.12		None Observed	17.81	0.0	6095.69
	04.23.13		None Observed	17.35	0.0	6096.15
	10.23.13		None Observed	16.84	0.0	6096.66
	4.21.14		None Observed	16.68	0.0	6096.82
	10.27.14		None Observed	17.08	0.0	6096.42
	4.28.15		None Observed	16.61	0.0	6096.89
	10.20.15		None Observed	16.78	0.0	6096.72
	4.08.16		None Observed	16.36	0.0	6097.14
	10.07.16		None Observed	17.33	0.0	6096.17
	5.17.17		None Observed	16.43	0.0	6097.07
	10.10.17		None Observed	17.25	0.0	6096.25
MW-52	4.18.12	6118.98	None Observed	21.11	0.0	6097.87
	7.30.12		None Observed	21.10	0.0	6097.88
	10.18.12		None Observed	21.08	0.0	6097.90
	4.23.13		None Observed	21.25	0.0	6097.73
	10.23.13		None Observed	21.02	0.0	6097.96
	4.21.14		None Observed	21.01	0.0	6097.97
	10.27.14		None Observed	20.91	0.0	6098.07
	4.28.15		None Observed	20.86	0.0	6098.12
	10.20.15		None Observed	20.62	0.0	6098.36
	4.08.16		None Observed	20.66	0.0	6098.32
	10.07.16		None Observed	20.6	0.0	6098.38
	5.17.17		None Observed	20.48	0.0	6098.50
	10.10.17		None Observed	20.42	0.0	6098.56
MW-53	5.3.13	6109.41	None Observed	12.16	0.0	6097.25
	10.23.13		None Observed	11.72	0.0	6097.69
	4.21.14		None Observed	11.58	0.0	6097.83
	10.27.14		None Observed	11.73	0.0	6097.68
	4.28.15		None Observed	11.40	0.0	6098.01
	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		None Observed	12.27	0.0	6097.14
	5.17.17		None Observed	11.33	0.0	6098.08
	10.10.17		None Observed	12	0.0	6097.41
MW-54	5.3.13	6107.62	None Observed	10.29	0.0	6097.33
	10.23.13		None Observed	9.82	0.0	6097.80
	4.21.14		None Observed	9.79	0.0	6097.83
	10.27.14		None Observed	9.80	0.0	6097.82
	4.28.15		None Observed	9.51	0.0	6098.11
	10.20.15		None Observed	9.70	0.0	6097.92
	4.08.16		None Observed	9.40	0.0	6098.22
	10.20.16		None Observed	10.30	0.0	6097.32
	5.17.17		None Observed	9.41	0.0	6098.21
	10.10.17		None Observed	9.97	0.0	6097.65

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]
MW-55	5.3.13	6107.53	None Observed	9.82	0.0	6097.71
	10.23.13		None Observed	9.45	0.0	6098.08
	4.21.14		None Observed	9.21	0.0	6098.32
	10.27.14		None Observed	9.08	0.0	6098.45
	4.28.15		None Observed	9.01	0.0	6098.52
	10.20.15		None Observed	9.11	0.0	6098.42
	4.08.16		None Observed	9.06	0.0	6098.47
	10.07.16		None Observed	9.51	0.0	6098.02
	5.17.17		Blockage	Blockage	Blockage	Blockage
	10.10.17		Blockage	Blockage	Blockage	Blockage
MW-75	4.23.13	6116.28	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	0.0	6097.93
	10.27.14		None Observed	18.64	0.0	6097.64
	4.28.15		None Observed	18.18	0.0	6098.10
	10.20.15		None Observed	18.49	0.0	6097.79
	4.08.16		None Observed	18.07	0.0	6098.21
	10.07.16		None Observed	19.03	0.0	6097.25
	5.17.17		None Observed	18.10	0.0	6098.18
	10.10.17		None Observed	18.96	0.0	6097.32
MW-76	10.23.13	6123.36	None Observed	25.33	0.0	6098.03
	4.21.14		None Observed	24.73	0.0	6098.63
	10.27.14		None Observed	25.20	0.0	6098.16
	4.28.15		None Observed	24.54	0.0	6098.82
	10.20.15		None Observed	25.03	0.0	6098.33
	4.08.16		None Observed	24.45	0.0	6098.91
	10.07.16		None Observed	25.40	0.0	6097.96
	5.17.17		None Observed	24.51	0.0	6098.85
	10.10.17		None Observed	25.54	0.0	6097.82
MW-77	10.23.13	6130.97	None Observed	33.13	0.0	6097.84
	4.21.14		None Observed	32.53	0.0	6098.44
	10.27.14		None Observed	32.98	0.0	6097.99
	4.28.15		None Observed	32.37	0.0	6098.60
	10.20.15		None Observed	32.82	0.0	6098.15
	4.08.16		None Observed	32.26	0.0	6098.71
	10.07.16		None Observed	33.19	0.0	6097.78
	5.17.17		None Observed	32.32	0.0	6098.65
	10.10.17		None Observed	33.35	0.0	6097.62
MW-79	10.23.13	6127.81	None Observed	30.46	0.0	6097.35
	4.21.14		None Observed	30.05	0.0	6097.76
	10.27.14		None Observed	30.34	0.0	6097.47
	4.28.15		None Observed	29.91	0.0	6097.90
	10.20.15		None Observed	30.15	0.0	6097.66
	4.08.16		None Observed	29.69	0.0	6098.12
	10.07.16		None Observed	30.61	0.0	6097.20
	5.17.17		None Observed	29.71	0.0	6098.10
	10.10.17		None Observed	30.80	0.0	6097.01

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]
MW-80	10.23.13	6124.39	None Observed	26.58	0.0	6097.81
	4.21.14		None Observed	26.12	0.0	6098.27
	10.27.14		None Observed	26.47	0.0	6097.92
	4.28.15		None Observed	25.91	0.0	6098.48
	4.08.16		None Observed	25.80	0.0	6098.59
	10.07.16		None Observed	26.72	0.0	6097.67
	5.17.17		None Observed	25.85	0.0	6098.54
	10.10.17		None Observed	26.86	0.0	6097.53
MW-83	10.23.13	6116.86	None Observed	18.91	0.0	6097.95
	4.21.14		None Observed	18.30	0.0	6098.56
	10.27.14		None Observed	18.79	0.0	6098.07
	4.28.15		None Observed	18.14	0.0	6098.72
	4.08.16		None Observed	18.04	0.0	6098.82
	10.07.16		None Observed	18.96	0.0	6097.90
	5.17.17		None Observed	18.10	0.0	6098.76
	10.10.17		None Observed	19.13	0.0	6097.73
MW-88	10.27.14	6118.65	None Observed	24.16	0.0	6094.49
	4.28.15		None Observed	23.71	0.0	6094.94
	10.20.15		None Observed	23.94	0.0	6094.71
	4.08.16		None Observed	23.49	0.0	6095.16
	10.07.16		None Observed	24.37	0.0	6094.28
	5.17.17		None Observed	23.60	0.0	6095.05
	10.10.17		None Observed	24.38	0.0	6094.27
MW-89	10.27.14	6118.31	None Observed	23.83	0.0	6094.48
	4.28.15		None Observed	23.44	0.0	6094.87
	10.20.15		None Observed	23.61	0.0	6094.70
	4.08.16		None Observed	23.26	0.0	6095.05
	10.07.16		None Observed	24.19	0.0	6094.12
	5.17.17		None Observed	23.35	0.0	6094.96
	10.10.17		None Observed	23.96	0.0	6094.35
MW-90	10.27.14	6117.82	None Observed	23.09	0.0	6094.73
	4.28.15		None Observed	22.73	0.0	6095.09
	10.20.15		None Observed	22.90	0.0	6094.92
	4.08.16		None Observed	22.57	0.0	6095.25
	10.07.16		None Observed	23.45	0.0	6094.37
	5.17.17		None Observed	22.64	0.0	6095.18
	10.10.17		None Observed	23.21	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.

APEX

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: 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 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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo Compressor Station
Lab Order: 1705A77

Lab ID: 1705A77-001 **Collection Date:** 5/17/2017 3:20:00 PM
Client Sample ID: MW-42 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	95.5	80-120	D	%Rec	5	5/24/2017 9:02:46 AM	R43027

Lab ID: 1705A77-002 **Collection Date:** 5/17/2017 1:45:00 PM
Client Sample ID: MW-75 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 9:50:09 AM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 9:50:09 AM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 9:50:09 AM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 9:50:09 AM	R43027
Surr: 4-Bromofluorobenzene	93.1	80-120		%Rec	1	5/24/2017 9:50:09 AM	R43027

Lab ID: 1705A77-003 **Collection Date:** 5/18/2017 9:30:00 AM
Client Sample ID: MW-89 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 10:13:53 AM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 10:13:53 AM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 10:13:53 AM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 10:13:53 AM	R43027
Surr: 4-Bromofluorobenzene	91.4	80-120		%Rec	1	5/24/2017 10:13:53 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Lab Order:** 1705A77
Project: Largo Compressor Station

Lab ID: 1705A77-004 **Collection Date:** 5/18/2017 10:00:00 AM
Client Sample ID: MW-88 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 11:24:34 AM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 11:24:34 AM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 11:24:34 AM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 11:24:34 AM	R43027
Surr: 4-Bromofluorobenzene	97.8	80-120		%Rec	1	5/24/2017 11:24:34 AM	R43027

Lab ID: 1705A77-005 **Collection Date:** 5/18/2017 10:30:00 AM
Client Sample ID: MW-90 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 11:48:06 AM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 11:48:06 AM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 11:48:06 AM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 11:48:06 AM	R43027
Surr: 4-Bromofluorobenzene	85.9	80-120		%Rec	1	5/24/2017 11:48:06 AM	R43027

Lab ID: 1705A77-006 **Collection Date:** 5/18/2017 11:00:00 AM
Client Sample ID: MW-8 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 12:11:36 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 12:11:36 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 12:11:36 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 12:11:36 PM	R43027
Surr: 4-Bromofluorobenzene	87.4	80-120		%Rec	1	5/24/2017 12:11:36 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo Compressor Station
Lab Order: 1705A77

Lab ID: 1705A77-007 **Collection Date:** 5/18/2017 11:30:00 AM
Client Sample ID: MW-3R **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 1:22:12 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 1:22:12 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 1:22:12 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 1:22:12 PM	R43027
Surr: 4-Bromofluorobenzene	95.1	80-120		%Rec	1	5/24/2017 1:22:12 PM	R43027

Lab ID: 1705A77-008 **Collection Date:** 5/18/2017 12:00:00 PM
Client Sample ID: MW-15 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 1:45:44 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 1:45:44 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 1:45:44 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 1:45:44 PM	R43027
Surr: 4-Bromofluorobenzene	91.0	80-120		%Rec	1	5/24/2017 1:45:44 PM	R43027

Lab ID: 1705A77-009 **Collection Date:** 5/18/2017 12:30:00 PM
Client Sample ID: MW-14 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 2:09:16 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 2:09:16 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 2:09:16 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 2:09:16 PM	R43027
Surr: 4-Bromofluorobenzene	87.9	80-120		%Rec	1	5/24/2017 2:09:16 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Lab Order:** 1705A77
Project: Largo Compressor Station

Lab ID: 1705A77-010 **Collection Date:** 5/18/2017 1:00:00 PM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	92.9	80-120		%Rec	1	5/24/2017 10:37:29 AM	R43027

Lab ID: 1705A77-011 **Collection Date:** 5/18/2017 1:30:00 PM
Client Sample ID: MW-13 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 5:41:01 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 5:41:01 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 5:41:01 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 5:41:01 PM	R43027
Surr: 4-Bromofluorobenzene	94.5	80-120		%Rec	1	5/24/2017 5:41:01 PM	R43027

Lab ID: 1705A77-012 **Collection Date:**
Client Sample ID: TRIP BLANK **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	5/24/2017 6:04:33 PM	R43027
Benzene	ND	1.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/24/2017 6:04:33 PM	R43027
Surr: 4-Bromofluorobenzene	90.2	80-120		%Rec	1	5/24/2017 6:04:33 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.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705A77**

25-May-17

Client: Apex Titan, Inc.

Project: Largo Compressor Station

Sample ID **RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **1354530** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	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-Bromofluorobenzene	19		20.00		96.1	80	120			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **1354531** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (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-Bromofluorobenzene	20		20.00		99.4	80	120			

Sample ID **1705A77-002AMS**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-75**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **1354534** 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	70.4	63.4	127			
Benzene	16	1.0	20.00	0	80.6	63	126			
Toluene	17	1.0	20.00	0	85.9	80	120			
Ethylbenzene	18	1.0	20.00	0	88.5	80	120			
Xylenes, Total	54	2.0	60.00	0	89.3	80	120			
1,2,4-Trimethylbenzene	18	1.0	20.00	0	88.7	80	120			
1,3,5-Trimethylbenzene	18	1.0	20.00	0	88.1	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		91.5	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705A77**

25-May-17

Client: Apex Titan, Inc.

Project: Largo Compressor Station

Sample ID **1705A77-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-75**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **1354535** 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

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

Completed By: Ashley Gallegos 5/19/2017 12:28:58 PM

Reviewed By: 5/19/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

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 ☐ 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	1.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec NM

Project Manager: K Summers

Laboratory: Hall Env

Address: ABQ NM

Contact: A. Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Apont

Sampler's Signature:

Pro. No.

Project Name: Largo Compressor Station

No/Type of Containers

ANALYSIS REQUESTED: 8015 (GRO/DRO) 8021 (BTEX)

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.0

1 2 3 4 5

Page 1 of 2

Matrix	Date	Time	Composite	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	5/17/17	15:20			mw-42			3					X 1705A77-001
	5/17/17	13:45			mw-75								-002
	5/18/17	930			mw-89								-003
		10:00			mw-88								-004
		10:30			mw-90								-005
		11:00			mw-8								-006
		11:30			mw-3R								-007
		1200			mw-15								-008
		1230			mw-14								-009
		1300			mw-7								-010

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-18-17	1449		5/18/17	1449
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5/18/17	1844		5/19/17	0715
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Bill to Apex Corp Rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec NM

Project Manager: K. Summers

Laboratory: Hall Env

Address: ABQ NM

Contact: A. Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Hondt

Sampler's Signature:

Proj. No.

Project Name: Leigh Compressor Station

No/Type of Containers

ANALYSIS REQUESTED

BTEX 8021

Lab use only

Due Date:

Temp. of coolers when received (C°): 1.0

1 2 3 4 5

Page 2 of 2

Matrix	Date	Time	Composite	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	5/18/17	13:30			MW-13			3					X 1705A77-011
													-012
													~~-013~~
													~~-014~~
													~~-015~~
													-012

Trip Blank Rec 5/19/17

YES

Turn around time: ☑ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5/18/17	1449		5/18/17	1449
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5/18/17	1844		5/19/17	0715
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Bill to Apex Corp Rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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

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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo CS
Lab Order: 1705B31

Lab ID: 1705B31-001 **Collection Date:** 5/19/2017 9:50:00 AM
Client Sample ID: MW-36 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	92.3	80-120		%Rec	1	5/24/2017 6:28:02 PM	R43027

Lab ID: 1705B31-002 **Collection Date:** 5/19/2017 10:40:00 AM
Client Sample ID: MW-43 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	91.0	80-120		%Rec	1	5/24/2017 6:51:40 PM	R43027

Lab ID: 1705B31-003 **Collection Date:** 5/19/2017 11:25:00 AM
Client Sample ID: MW-41 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	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.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo CS
Lab Order: 1705B31

Lab ID: 1705B31-004 **Collection Date:** 5/19/2017 12:15:00 PM
Client Sample ID: MW-51 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	1.3	1.0		µg/L	1	5/24/2017 7:38:43 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 7:38:43 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 7:38:43 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 7:38:43 PM	R43027
Surr: 4-Bromofluorobenzene	90.3	80-120		%Rec	1	5/24/2017 7:38:43 PM	R43027

Lab ID: 1705B31-005 **Collection Date:** 5/19/2017 1:15:00 PM
Client Sample ID: MW-40R **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 8:02:12 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 8:02:12 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 8:02:12 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 8:02:12 PM	R43027
Surr: 4-Bromofluorobenzene	84.9	80-120		%Rec	1	5/24/2017 8:02:12 PM	R43027

Lab ID: 1705B31-006 **Collection Date:** 5/19/2017 2:05:00 PM
Client Sample ID: MW-9 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	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.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo CS
Lab Order: 1705B31

Lab ID: 1705B31-007 **Collection Date:** 5/19/2017 2:55:00 PM
Client Sample ID: MW-6 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/24/2017 8:49:22 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 8:49:22 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 8:49:22 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 8:49:22 PM	R43027
Surr: 4-Bromofluorobenzene	87.4	80-120		%Rec	1	5/24/2017 8:49:22 PM	R43027

Lab ID: 1705B31-008 **Collection Date:** 5/19/2017 3:35:00 PM
Client Sample ID: MW-16 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	3.1	1.0		µg/L	1	5/24/2017 9:12:52 PM	R43027
Toluene	ND	1.0		µg/L	1	5/24/2017 9:12:52 PM	R43027
Ethylbenzene	ND	1.0		µg/L	1	5/24/2017 9:12:52 PM	R43027
Xylenes, Total	ND	2.0		µg/L	1	5/24/2017 9:12:52 PM	R43027
Surr: 4-Bromofluorobenzene	86.0	80-120		%Rec	1	5/24/2017 9:12:52 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.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705B31**

25-May-17

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **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-Bromofluorobenzene	19		20.00		96.1	80	120			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R43027**	RunNo: **43027**
Prep Date:	Analysis Date: **5/24/2017**	SeqNo: **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-Bromofluorobenzene	20		20.00		99.4	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1705B31 | RcptNo: 1

Received By: Anne Thorne 5/20/2017 11:15:00 AM
Completed By: Anne Thorne 5/22/2017 8:50:46 AM
Reviewed By: aTS 5/22/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked 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 with 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	2.8	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Project Manager: K. Summers

Laboratory: Hall

Address: ABQ, NM

Contact: A. Freeman

Phone:

PO/SO #: 725040112154

Lab use only
Due Date:

Temp. of coolers when received (C°): 2.8

1	2	3	4	5

Page 1 of 1

Sampler's Name: Ranee Deechilly

Sampler's Signature:

Proj. No.: 725040112154

Project Name: Largo CS

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	ANALYSIS REQUESTED: 8021 BTEX	Lab Sample ID (Lab Use Only)
W	5/19/17	950			MW-36			3					X	1705B31-001
		1040			MW-43									-002
		1125			MW-41									-003
		1215			MW-51									-004
		1315			MW-40R									-005
		1405			MW-9									-006
		1455			MW-6									-007
		1535			MW-16									-008
					NPS									

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5/19/17	1750		5/20/17	1115
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:

Bill to Apex
Corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other _____

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

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

RE: Largo CS OrderNo.: 1705C69

Dear Kyle Summers:

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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX TITAN
Project: Largo CS
Lab Order: 1705C69

Lab ID: 1705C69-001 **Collection Date:** 5/22/2017 10:25:00 AM
Client Sample ID: MW-50 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 12:03:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 12:03:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 12:03:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 12:03:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	5/30/2017 12:03:00 PM	R43144
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/30/2017 12:03:00 PM	R43144
Surr: Dibromofluoromethane	110	70-130		%Rec	1	5/30/2017 12:03:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 12:03:00 PM	R43144

Lab ID: 1705C69-002 **Collection Date:** 5/22/2017 11:15:00 AM
Client Sample ID: MW-39 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	1.9	1.0		µg/L	1	5/30/2017 1:15:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 1:15:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 1:15:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 1:15:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/30/2017 1:15:00 PM	R43144
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/30/2017 1:15:00 PM	R43144
Surr: Dibromofluoromethane	110	70-130		%Rec	1	5/30/2017 1:15:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 1:15:00 PM	R43144

Lab ID: 1705C69-003 **Collection Date:** 5/22/2017 12:05:00 PM
Client Sample ID: MW-52 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 1:39:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 1:39:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 1:39:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 1:39:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	5/30/2017 1:39:00 PM	R43144
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/30/2017 1:39:00 PM	R43144
Surr: Dibromofluoromethane	113	70-130		%Rec	1	5/30/2017 1:39:00 PM	R43144
Surr: Toluene-d8	103	70-130		%Rec	1	5/30/2017 1:39:00 PM	R43144

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX TITAN
Project: Largo CS
Lab Order: 1705C69

Lab ID: 1705C69-004 **Collection Date:** 5/22/2017 1:00:00 PM
Client Sample ID: MW-32 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 2:02:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 2:02:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 2:02:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 2:02:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	5/30/2017 2:02:00 PM	R43144
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/30/2017 2:02:00 PM	R43144
Surr: Dibromofluoromethane	114	70-130		%Rec	1	5/30/2017 2:02:00 PM	R43144
Surr: Toluene-d8	103	70-130		%Rec	1	5/30/2017 2:02:00 PM	R43144

Lab ID: 1705C69-005 **Collection Date:** 5/22/2017 1:50:00 PM
Client Sample ID: MW-34 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 2:26:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 2:26:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 2:26:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 2:26:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	5/30/2017 2:26:00 PM	R43144
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/30/2017 2:26:00 PM	R43144
Surr: Dibromofluoromethane	119	70-130		%Rec	1	5/30/2017 2:26:00 PM	R43144
Surr: Toluene-d8	103	70-130		%Rec	1	5/30/2017 2:26:00 PM	R43144

Lab ID: 1705C69-006 **Collection Date:** 5/22/2017 3:35:00 PM
Client Sample ID: MW-83 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 2:50:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 2:50:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 2:50:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 2:50:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	5/30/2017 2:50:00 PM	R43144
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/30/2017 2:50:00 PM	R43144
Surr: Dibromofluoromethane	115	70-130		%Rec	1	5/30/2017 2:50:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 2:50:00 PM	R43144

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX TITAN
Project: Largo CS
Lab Order: 1705C69

Lab ID: 1705C69-007
Collection Date: 5/22/2017 4:20:00 PM
Client Sample ID: MW-80
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **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	ND	1.0		µg/L	1	5/30/2017 3:14:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 3:14:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	5/30/2017 3:14:00 PM	R43144
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/30/2017 3:14:00 PM	R43144
Surr: Dibromofluoromethane	117	70-130		%Rec	1	5/30/2017 3:14:00 PM	R43144
Surr: Toluene-d8	101	70-130		%Rec	1	5/30/2017 3:14:00 PM	R43144

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705C69**

31-May-17

Client: APEX TITAN
Project: Largo CS

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357847** 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**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357849** 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**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-50**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357851** 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 **1705c69-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-50**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357852** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705C69**

31-May-17

Client: APEX TITAN

Project: Largo CS

Sample ID **1705c69-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-50**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357852** 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1705C69 | RcptNo: 1

Received By: Anne Thorne 5/24/2017 7:15:00 AM

Completed By: Ashley Gallegos 5/24/2017 3:09:17 PM

Reviewed By: SRE 05/25/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 for pH: ____ (<2 or >12 unless noted)
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	Adjusted? ____
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 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	1.3	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Laboratory: Hall
Address: ABQ, NM
Contact: A Freeman
Phone:
Project Manager: K. Summers
PO/SO #: 725040112154

Sampler's Name: Raner Decshilly
Sampler's Signature: Raner Decshilly

Proj. No.: 725040112154
Project Name: Large CS
No/Type of Containers

ANALYSIS REQUESTED

8021 BTEX

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.3
1 2 3 4 5

Page 1 of 1

Matrix	Date	Time	Composite	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	AG 1 L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	5/22/17	1025			MW-50			3					X 1705CLS-001
		1115			MW-39								-002
		1205			MW-52								-003
		1300			MW-32								-004
		1350			MW-34								-005
		1535			MW-83								006
		1620			MW-80								-007

NPS

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5/23/17	0630		5/23/17	0630
	5/23/17	1305		5/23/17	1305
	5/23/17	1910		05/24/17	0715

NOTES:
Bill to Apex
Corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; AG - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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

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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

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: AQUEOUS
Received Date: 5/25/2017 7:10:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705C86**

02-Jun-17

Client: Apex Titan, Inc.
Project: Largo CS

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357847** 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**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357849** 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**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R43148**	RunNo: **43148**
Prep Date:	Analysis Date: **5/31/2017**	SeqNo: **1358317** 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**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R43148**	RunNo: **43148**
Prep Date:	Analysis Date: **5/31/2017**	SeqNo: **1358330** 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:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705C86**

02-Jun-17

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **RB**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R43148**	RunNo: **43148**
Prep Date:	Analysis Date: **5/31/2017**	SeqNo: **1358330** 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.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1705C86 | RcptNo: 1

Received By: Anne Thorne 5/25/2017 7:10:00 AM

Completed By: Andy Jansson 5/25/2017 8:22:38 AM

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 samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks: * Custody Seal present & intact.

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec NM

Project Manager: K Summers

Laboratory: Hall Env

Address: ABQ NM

Contact: A Fireman

Phone:

PO/SO #:

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.6

1	2	3	4	5

Page 1 of 1

Sampler's Name: Chad D'Antonio

Sampler's Signature:

Proj. No.

Project Name: Largo Compressor Station

No/Type of Containers

ANALYSIS REQUESTED: BTEX 8021

Lab Sample ID (Lab Use Only): 1705C86

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	
W	5-24-17	9:40			MW-37			3					X
													-001

Turn around time: ☑ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-24-17	1215		5/24/17	1215
	5/24/17	1804		05/25/17	0710

NOTES: Bill to Apex Corp Rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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

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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **1705C87**
Date Reported: **5/31/2017**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo CS
Lab Order: 1705C87

Lab ID: 1705C87-001 **Collection Date:** 5/23/2017 9:40:00 AM
Client Sample ID: MW-54 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 4:02:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 4:02:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 4:02:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 4:02:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	5/30/2017 4:02:00 PM	R43144
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/30/2017 4:02:00 PM	R43144
Surr: Dibromofluoromethane	115	70-130		%Rec	1	5/30/2017 4:02:00 PM	R43144
Surr: Toluene-d8	103	70-130		%Rec	1	5/30/2017 4:02:00 PM	R43144

Lab ID: 1705C87-002 **Collection Date:** 5/23/2017 10:25:00 AM
Client Sample ID: MW-53 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **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-Dichloroethane-d4	112	70-130		%Rec	1	5/30/2017 4:26:00 PM	R43144
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/30/2017 4:26:00 PM	R43144
Surr: Dibromofluoromethane	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:** 5/23/2017 11:00:00 AM
Client Sample ID: MW-49 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **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-Dichloroethane-d4	111	70-130		%Rec	1	5/30/2017 4:50:00 PM	R43144
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/30/2017 4:50:00 PM	R43144
Surr: Dibromofluoromethane	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 login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Lab Order:** 1705C87
Project: Largo CS

Lab ID: 1705C87-004 **Collection Date:** 5/23/2017 11:40:00 AM
Client Sample ID: MW-48 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	3.1	1.0		µg/L	1	5/30/2017 5:13:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 5:13:00 PM	R43144
Ethylbenzene	1.7	1.0		µg/L	1	5/30/2017 5:13:00 PM	R43144
Xylenes, Total	1.6	1.5		µg/L	1	5/30/2017 5:13:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	5/30/2017 5:13:00 PM	R43144
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/30/2017 5:13:00 PM	R43144
Surr: Dibromofluoromethane	119	70-130		%Rec	1	5/30/2017 5:13:00 PM	R43144
Surr: Toluene-d8	101	70-130		%Rec	1	5/30/2017 5:13:00 PM	R43144

Lab ID: 1705C87-005 **Collection Date:** 5/23/2017 1:00:00 PM
Client Sample ID: MW-38 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 5:37:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 5:37:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 5:37:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 5:37:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	5/30/2017 5:37:00 PM	R43144
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/30/2017 5:37:00 PM	R43144
Surr: Dibromofluoromethane	120	70-130		%Rec	1	5/30/2017 5:37:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 5:37:00 PM	R43144

Lab ID: 1705C87-006 **Collection Date:** 5/23/2017 1:55:00 PM
Client Sample ID: MW-76 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 6:01:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 6:01:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 6:01:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 6:01:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	5/30/2017 6:01:00 PM	R43144
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/30/2017 6:01:00 PM	R43144
Surr: Dibromofluoromethane	120	70-130		%Rec	1	5/30/2017 6:01:00 PM	R43144
Surr: Toluene-d8	103	70-130		%Rec	1	5/30/2017 6:01:00 PM	R43144

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Project: Largo CS

Lab Order: 1705C87

Lab ID: 1705C87-007 **Collection Date:** 5/23/2017 2:50:00 PM
Client Sample ID: MW-77 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 6:25:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 6:25:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 6:25:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 6:25:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	5/30/2017 6:25:00 PM	R43144
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/30/2017 6:25:00 PM	R43144
Surr: Dibromofluoromethane	119	70-130		%Rec	1	5/30/2017 6:25:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 6:25:00 PM	R43144

Lab ID: 1705C87-008 **Collection Date:** 5/23/2017 3:40:00 PM
Client Sample ID: MW-79 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/30/2017 6:49:00 PM	R43144
Toluene	ND	1.0		µg/L	1	5/30/2017 6:49:00 PM	R43144
Ethylbenzene	ND	1.0		µg/L	1	5/30/2017 6:49:00 PM	R43144
Xylenes, Total	ND	1.5		µg/L	1	5/30/2017 6:49:00 PM	R43144
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	5/30/2017 6:49:00 PM	R43144
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/30/2017 6:49:00 PM	R43144
Surr: Dibromofluoromethane	120	70-130		%Rec	1	5/30/2017 6:49:00 PM	R43144
Surr: Toluene-d8	102	70-130		%Rec	1	5/30/2017 6:49:00 PM	R43144

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1705C87**

31-May-17

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357847** 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**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R43144**	RunNo: **43144**
Prep Date:	Analysis Date: **5/30/2017**	SeqNo: **1357849** 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			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample 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 Thorne
Completed By: Andy Jansson 5/25/2017 8:28:49 AM AMJ
Reviewed By: JMO 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 samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by:

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

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

16. Additional remarks: * Custody Seals present + intact

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Project Manager: K. Summers

Laboratory: Hall

Address:

Contact: A. Freeman

Phone:

PO/SO #: 725040112154

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.0

1	2	3	4	5

Page 1 of 1

Sampler's Name: Ranee Deechilly

Sampler's Signature: Ranee Deechilly

Proj. No.: 725040112154

Project Name: Largo CS

ANALYSIS REQUESTED: 8021 BTEX

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	5/23/17	940			MW-54			3					1705C87-001
		1025			MW-53								-002
		1100			MW-49								-003
		1140			MW-48								-004
		1300			MW-38								-005
		1355			MW-76								-006
		1450			MW-77								-007
		1540			MW-79								-008

X

N/S

Turn around time: ☒ Normal ❑ 25% Rush ❑ 50% Rush ❑ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Ranee Deechilly	5/24/17	1215		5/24/17	1215
	5/24/17	1804		05/25/17	0710

NOTES:

Bill to Apex
Corporate rate

Matrix: W - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other _____

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 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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

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
Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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
Collection Date: 10/11/2017 10:55:00 AM
Lab ID: 1710673-002
Matrix: AQUEOUS
Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-8
Project: Largo CS
Collection Date: 10/11/2017 11:50:00 AM
Lab ID: 1710673-003
Matrix: AQUEOUS
Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	10/12/2017 4:57:35 PM	B46313
Toluene	ND	1.0		µg/L	1	10/12/2017 4:57:35 PM	B46313
Ethylbenzene	ND	1.0		µg/L	1	10/12/2017 4:57:35 PM	B46313
Xylenes, Total	ND	2.0		µg/L	1	10/12/2017 4:57:35 PM	B46313
Surr: 4-Bromofluorobenzene	99.8	72.5-140		%Rec	1	10/12/2017 4:57:35 PM	B46313

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-16
Project: Largo CS
Collection Date: 10/11/2017 1:35:00 PM
Lab ID: 1710673-005
Matrix: AQUEOUS
Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-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	Qual	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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-90
Project: Largo CS
Collection Date: 10/11/2017 3:20:00 PM
Lab ID: 1710673-007
Matrix: AQUEOUS
Received 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 6:07:39 PM	B46313
Toluene	ND	1.0		µg/L	1	10/12/2017 6:07:39 PM	B46313
Ethylbenzene	ND	1.0		µg/L	1	10/12/2017 6:07:39 PM	B46313
Xylenes, Total	ND	2.0		µg/L	1	10/12/2017 6:07:39 PM	B46313
Surr: 4-Bromofluorobenzene	102	72.5-140		%Rec	1	10/12/2017 6:07:39 PM	B46313

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab ID: 1710673-008 **Matrix:** AQUEOUS

Client Sample ID: MW-15
Collection Date: 10/11/2017 4:00:00 PM
Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1710673**

18-Oct-17

Client: Apex Titan, Inc.
Project: Largo CS

Sample ID **B22**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B46313**	RunNo: **46313**
Prep Date:	Analysis Date: **10/12/2017**	SeqNo: **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-Bromofluorobenzene	20		20.00		100	72.5	140			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B46313**	RunNo: **46313**
Prep Date:	Analysis Date: **10/12/2017**	SeqNo: **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-Bromofluorobenzene	20		20.00		99.0	72.5	140			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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

Sample Log-In Check List

Client Name: APEX AZTEC Work Order Number: 1710673 RcptNo: 1

Received By: Anne Thorne 10/12/2017 7:05:00 AM Anne Thorne
Completed By: Anne Thorne 10/12/2017 10:24:10 AM Anne Thorne
Reviewed By: DDS 10/12/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked 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 with 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	1.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location
606 S. Rio Grande Suite A
Aztec, NM 87410

Project Manager K. Summers

Laboratory: Hall Environmental Analysis Laboratory
Address: 4901 Hawkins NE
Albuquerque, NM 87109
Contact: A. Freeman
Phone: 505-345-3975
PO/SO #: 725040112154

Sampler's Name: Ranee Deechilly
Sampler's Signature:

Proj. No.: 725040112154
Project Name: Largo CS

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.0

Page 1 of 1

ANALYSIS REQUESTED

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	SOIL BTEX	Lab Sample ID (Lab Use Only)
W	10/11/17	945			MW-88			3					X	1710613-001
W	10/11/17	1055			MW-14			3					X	002
W	10/11/17	1150			MW-8			3					X	003
W	10/11/17	1245			MW-32			3					X	004
W	10/11/17	1335			MW-16			3					X	005
W	10/11/17	1430			MW-89			3					X	006
W	10/11/17	1520			MW-90			3					X	007
W	10/11/17	1600			MW-15			3					X	008

N-S

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/11/17	1815		10/11/17	1815
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/11/17	1907		10/12/17	0705
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:
Bill to Apex (Corporate rate)

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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 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 www.hallenvironmental.com 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 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 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 4:06:43 PM	BW4639
Toluene	ND	1.0		µg/L	1	10/17/2017 4:06:43 PM	BW4639
Ethylbenzene	ND	1.0		µg/L	1	10/17/2017 4:06:43 PM	BW4639
Xylenes, Total	ND	2.0		µg/L	1	10/17/2017 4:06:43 PM	BW4639
Surr: 4-Bromofluorobenzene	97.6	72.5-140		%Rec	1	10/17/2017 4:06:43 PM	BW4639

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-43
Project: Largo CS
Collection Date: 10/13/2017 10:20:00 AM
Lab ID: 1710817-002
Matrix: AQUEOUS
Received 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 5:16:41 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-34
Project: Largo CS
Collection Date: 10/13/2017 11:20:00 AM
Lab ID: 1710817-003 **Matrix:** AQUEOUS **Received 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-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	Qual	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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab ID: 1710817-005 **Matrix:** AQUEOUS

Client Sample ID: MW-83
Collection Date: 10/13/2017 1:10:00 PM
Received 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 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1710817**

18-Oct-17

Client: Apex Titan, Inc.
Project: Largo CS

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**

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-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**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC Work Order Number: 1710817 RcptNo: 1

Received By: **Anne Thorne** 10/14/2017 10:15:00 AM Anne Thorne

Completed By: **Anne Thorne** 10/16/2017 7:25:31 AM Anne Thorne

Reviewed By: DDS 10/16/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

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 ☐ 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			

CHAIN OF CUSTODY RECORD

APEX

Office Location
606 S. Rio Grande, Suite A
Aztec, NM 87410
Project Manager K. Summers

Laboratory: Hall Environmental Analysis Laboratory
Address: 4901 Hawkins NE
Albuquerque, NM 87109
Contact: A. Freeman
Phone: 505-345-3975
PO/SO #: 725040112154

Sampler's Name: Ranee Deechilly
Sampler's Signature: Ranee Deechilly

Proj. No.: 725040112154
Project Name: Largo CS

ANALYSIS REQUESTED: BTEX 8021

Lab use only
Due Date:
Temp. of coolers when received (C°): 1.4
1 | 2 | 3 | 4 | 5
Page 2 of 2

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt	250 ml	Glass Jar	P/O	BTEX 8021	Lab Sample ID (Lab Use Only)
W	10/13/17	930			MW-52			3					X	1710817-001
W	10/13/17	1020			MW-43			3					X	-002
W	10/13/17	1120			MW-34			3					X	-003
W	10/13/17	1215			MW-38			3					X	-004
W	10/13/17	1310			MW-83			3					X	-005
														~~-006~~
														~~-007~~

NPS

A 10/14/17

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Ranee Deechilly	10/13/17	1530		10/13/17	1530
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/13/17	2111		10/14/17	1015
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:
Bill to Apex
corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Lab Order:** 1710818
Project: Largo CS

Lab ID: 1710818-001 **Collection Date:** 10/12/2017 9:45:00 AM
Client Sample ID: MW-6 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	10/17/2017 8:23:22 PM	BW463
Toluene	ND	1.0		µg/L	1	10/17/2017 8:23:22 PM	BW463
Ethylbenzene	ND	1.0		µg/L	1	10/17/2017 8:23:22 PM	BW463
Xylenes, Total	ND	2.0		µg/L	1	10/17/2017 8:23:22 PM	BW463
Surr: 4-Bromofluorobenzene	95.8	72.5-140		%Rec	1	10/17/2017 8:23:22 PM	BW463

Lab ID: 1710818-002 **Collection Date:** 10/12/2017 10:35:00 AM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	1300	50		µg/L	50	10/18/2017 9:44:11 AM	B46442
Toluene	ND	1.0		µg/L	1	10/17/2017 9:10:19 PM	BW463
Ethylbenzene	17	1.0		µg/L	1	10/17/2017 9:10:19 PM	BW463
Xylenes, Total	ND	2.0		µg/L	1	10/17/2017 9:10:19 PM	BW463
Surr: 4-Bromofluorobenzene	105	72.5-140		%Rec	1	10/17/2017 9:10:19 PM	BW463

Lab ID: 1710818-003 **Collection Date:** 10/12/2017 11:30:00 AM
Client Sample ID: MW-9 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	10/17/2017 9:57:17 PM	BW463
Toluene	ND	1.0		µg/L	1	10/17/2017 9:57:17 PM	BW463
Ethylbenzene	ND	1.0		µg/L	1	10/17/2017 9:57:17 PM	BW463
Xylenes, Total	ND	2.0		µg/L	1	10/17/2017 9:57:17 PM	BW463
Surr: 4-Bromofluorobenzene	98.6	72.5-140		%Rec	1	10/17/2017 9:57:17 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.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab Order: 1710818

Lab ID: 1710818-004 **Collection Date:** 10/12/2017 12:25:00 PM
Client Sample ID: MW-50 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	99.4	72.5-140		%Rec	1	10/17/2017 10:20:44 PM	BW463

Lab ID: 1710818-005 **Collection Date:** 10/12/2017 1:20:00 PM
Client Sample ID: MW-40R **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	101	72.5-140		%Rec	1	10/17/2017 10:44:11 PM	BW463

Lab ID: 1710818-006 **Collection Date:** 10/12/2017 2:05:00 PM
Client Sample ID: MW-51 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **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-Bromofluorobenzene	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.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab Order: 1710818

Lab ID: 1710818-007 **Collection Date:** 10/12/2017 2:45:00 PM
Client Sample ID: MW-41 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	3.8	1.0		µg/L	1	10/17/2017 11:30:45 PM	BW463
Toluene	ND	1.0		µg/L	1	10/17/2017 11:30:45 PM	BW463
Ethylbenzene	ND	1.0		µg/L	1	10/17/2017 11:30:45 PM	BW463
Xylenes, Total	ND	2.0		µg/L	1	10/17/2017 11:30:45 PM	BW463
Surr: 4-Bromofluorobenzene	99.9	72.5-140		%Rec	1	10/17/2017 11:30:45 PM	BW463

Lab ID: 1710818-008 **Collection Date:** 10/12/2017 3:30:00 PM
Client Sample ID: MW-39 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	10/18/2017 1:04:32 AM	BW463
Toluene	ND	1.0		µg/L	1	10/18/2017 1:04:32 AM	BW463
Ethylbenzene	ND	1.0		µg/L	1	10/18/2017 1:04:32 AM	BW463
Xylenes, Total	ND	2.0		µg/L	1	10/18/2017 1:04:32 AM	BW463
Surr: 4-Bromofluorobenzene	101	72.5-140		%Rec	1	10/18/2017 1:04:32 AM	BW463

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1710818**

19-Oct-17

Client: Apex Titan, Inc.
Project: Largo CS

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**

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-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**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.8	73.9	120			
Surr: 4-Bromofluorobenzene	22		20.00		110	72.5	140			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1710818 | RcptNo: 1

Received By: Anne Thorne 10/14/2017 10:15:00 AM

Completed By: Anne Thorne 10/16/2017 7:59:14 AM

Reviewed By: DDS 10/16/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 for pH: (<2 or >12 unless noted)
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	Adjusted?
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 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			

CHAIN OF CUSTODY RECORD

APEX

Office Location
606 S. Rio Grande, Suite A
Aztec, NM 87410

Project Manager K. Summers

Laboratory: Hall Environmental Analysis Laboratory
Address: 4901 Hawkins NE
Albuquerque, NM 87109
Contact: A. Freeman
Phone: 505-345-3975
PO/SO #: 725240112154

Sampler's Name: Rance Duchilly
Sampler's Signature: Rance Duchilly

Proj. No.: 725240112154
Project Name: Largo CS

ANALYSIS REQUESTED: 8021 BTEX

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.4
1 | 2 | 3 | 4 | 5

Page 1 of 2

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	10/12/17	945			MW-6			3					710518-001
W	10/12/17	1035			MW-7			3					-002
W	10/12/17	1130			MW-9			3					-003
W	10/12/17	1225			MW-50			3					-004
W	10/12/17	1320			MW-40R			3					-005
W	10/12/17	1405			MW-51			3					-006
W	10/12/17	1445			MW-41			3					-007
W	10/12/17	1530			MW-39			3					-008

N/S

Turn around time: ☒ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
Rance Duchilly	10/13/17	1530	[illegible]	10/13/17	1530
[illegible]	10/13/17	2111	[illegible]	10/14/17	1015

NOTES:
Bill to Apex
Corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

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 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 www.hallenvironmental.com 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1710966**
Date Reported: **10/20/2017**

Hall Environmental Analysis Laboratory, Inc.

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	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	10/19/2017 3:57:37 PM	B46484
Toluene	ND	1.0		µg/L	1	10/19/2017 3:57:37 PM	B46484
Ethylbenzene	ND	1.0		µg/L	1	10/19/2017 3:57:37 PM	B46484
Xylenes, Total	ND	2.0		µg/L	1	10/19/2017 3:57:37 PM	B46484
Surr: 4-Bromofluorobenzene	96.3	72.5-140		%Rec	1	10/19/2017 3:57:37 PM	B46484

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab ID: 1710966-002 **Matrix:** AQUEOUS

Client Sample ID: MW-77
Collection Date: 10/16/2017 2:00:00 PM
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 5:07:40 PM	B46484
Toluene	ND	1.0		µg/L	1	10/19/2017 5:07:40 PM	B46484
Ethylbenzene	ND	1.0		µg/L	1	10/19/2017 5:07:40 PM	B46484
Xylenes, Total	ND	2.0		µg/L	1	10/19/2017 5:07:40 PM	B46484
Surr: 4-Bromofluorobenzene	96.6	72.5-140		%Rec	1	10/19/2017 5:07:40 PM	B46484

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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
Collection Date: 10/16/2017 3:00:00 PM
Lab ID: 1710966-003
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 5:31:12 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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
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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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
Collection Date: 10/17/2017 9:50:00 AM
Lab ID: 1710966-005
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	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
Ethylbenzene	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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-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	Qual	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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab ID: 1710966-007
Matrix: AQUEOUS
Client Sample ID: MW-54
Collection Date: 10/17/2017 12:00:00 PM
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 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.
Project: Largo CS
Lab ID: 1710966-008 **Matrix:** AQUEOUS

Client Sample ID: MW-53
Collection Date: 10/17/2017 12:50:00 PM
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 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-49
Project: Largo CS
Collection Date: 10/17/2017 1:40:00 PM
Lab ID: 1710966-009
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 10:59:28 PM	B46484
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
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	10/19/2017 10:59:28 PM	B46484

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-48
Project: Largo CS
Collection Date: 10/17/2017 2:20:00 PM
Lab ID: 1710966-010
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	28	1.0		µg/L	1	10/19/2017 11:22:51 PM	B46484
Toluene	ND	1.0		µg/L	1	10/19/2017 11:22:51 PM	B46484
Ethylbenzene	17	1.0		µg/L	1	10/19/2017 11:22:51 PM	B46484
Xylenes, Total	21	2.0		µg/L	1	10/19/2017 11:22:51 PM	B46484
Surr: 4-Bromofluorobenzene	111	72.5-140		%Rec	1	10/19/2017 11:22:51 PM	B46484

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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-13
Project: Largo CS
Collection Date: 10/17/2017 3:25:00 PM
Lab ID: 1710966-011
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 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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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.

WO#: **1710966**

20-Oct-17

Client: Apex Titan, Inc.
Project: Largo CS

Sample ID **RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B46484**	RunNo: **46484**
Prep Date:	Analysis Date: **10/19/2017**	SeqNo: **1481292** 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-Bromofluorobenzene	20		20.00		98.8	72.5	140			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B46484**	RunNo: **46484**
Prep Date:	Analysis Date: **10/19/2017**	SeqNo: **1481293** 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	73.9	120			
Toluene	20	1.0	20.00	0	97.7	77.3	117			
Ethylbenzene	20	1.0	20.00	0	100	78.8	119			
Xylenes, Total	60	2.0	60.00	0	99.9	76.9	121			
Surr: 4-Bromofluorobenzene	20		20.00		98.8	72.5	140			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	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
ND	Not Detected at the Reporting Limit	P	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

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

Sample Log-In Check List

Client Name: APEX AZTEC Work Order Number: 1710966 RcptNo: 1

Received By: **Anne Thorne** 10/18/2017 7:10:00 AM Anne Thorne

Completed By: **Anne Thorne** 10/18/2017 9:57:19 AM Anne Thorne

Reviewed By: SRe 10/18/17

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?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
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 for pH: _____ (<2 or >12 unless noted)
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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 with 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	1.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location
606 S. Rio Grande Suite A
Aztec, NM 87410

Project Manager K. Summers

Hall Environmental
Laboratory: Analysis Laboratory
Address: 4901 Hawkins NE
Albuquerque, NM 87109
Contact: A. Freeman
Phone: 505-345-3975
PO/SO #: 725040112154

Sampler's Name: Ranee Deechilly
Sampler's Signature:

Proj. No.: 725040112154
Project Name: Largo CS

ANALYSIS REQUESTED: BTEX 8021

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.0

1	2	3	4	5

Page 1 of 2

Matrix	Date	Time	Cooler	Cond	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 Lt	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	10/16/17	1310			MW-76			3					X 1710966-001
W	10/16/17	1400			MW-77			3					X -002
W	10/16/17	1500			MW-79			3					X -003
W	10/16/17	1550			MW-80			3					X -004

Turn around time: [X] Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/17/17	900		10/17/17	900
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/17/17	2004		10/18/17	0710
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:
Bill to Apex
Corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

CHAIN OF CUSTODY RECORD

APEX

Office Location
606 S. Rio Grande Suite A
Aztec, NM 87410

Project Manager: K. Summers

Laboratory: Hall Environmental Analysis Laboratory
Address: 4901 Hawkins NE
Albuquerque, NM 87109
Contact: A. Freeman
Phone: 505-345-3975
PO/SO #: 725049112154

Sampler's Name: Renee Doechilly
Sampler's Signature:

Proj. No.: 725049112154
Project Name: Largo CS
No/Type of Containers

ANALYSIS REQUESTED: BTEX 8021

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.0
1 | 2 | 3 | 4 | 5

Page 2 of 2

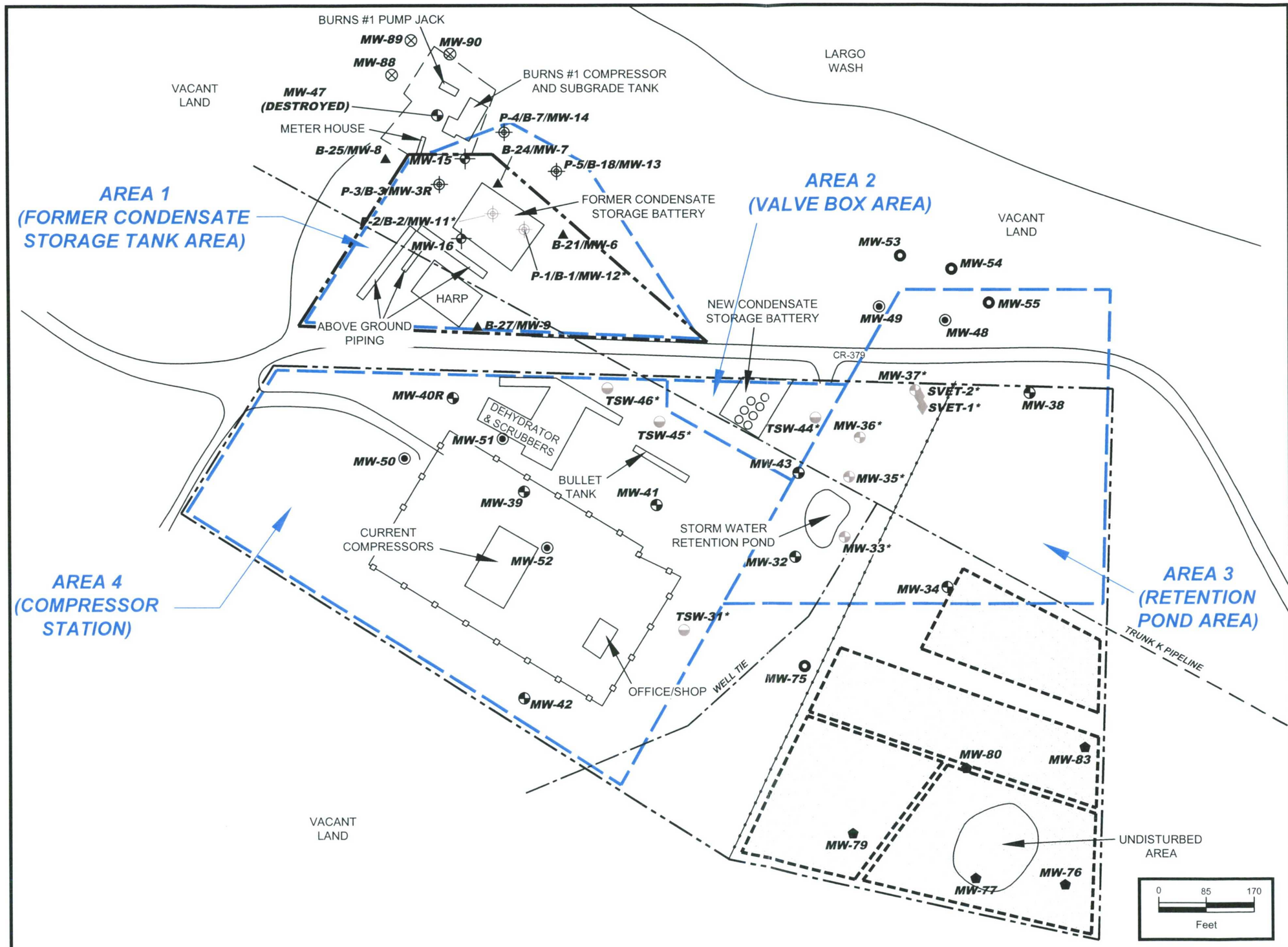
Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 l	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	10/17/17	950			MW-37			3					X 1710966-005
W	10/17/17	1040			MW-75			3					X -006
W	10/17/17	1200			MW-54			3					X -007
W	10/17/17	1250			MW-53			3					X -008
W	10/17/17	1340			MW-49			3					X -009
W	10/17/17	1420			MW-48			3					X -010
W	10/17/17	1525			MW-13			3					X -011

Turn around time: [X] Normal [ ] 25% Rush [ ] 50% Rush [ ] 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/17/17	1900		10/17/17	1900
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/17/17	2004		10/18/17	0710
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:
Bill to Apex Corporate rate

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/C - Plastic or other



LEGEND

- SITE BOUNDARY
- GRAVEL
- BERM
- PIPELINE
- TREATMENT CELL
- MONITORING WELL INSTALLED BY APEX (AUGUST 2014)
- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
- MONITORING WELL INSTALLED BY SWG (APRIL 2012)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2010)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (AUGUST 2009)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH/APRIL 2008)
- MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH 2010)
- TEMPORARY SAMPLING WELL INSTALLED BY SWG (NOVEMBER 2010)
- SVE TEST WELL LOCATION 2017

* Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.

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A Subsidiary of Apex Companies, LLC

Largo Compressor Station
NE¼ and SE¼, S15 T26N R7W
Rio Arriba County, New Mexico
36.4855N, 107.5578W

Project No. 725040112154

FIGURE 3

Site Map

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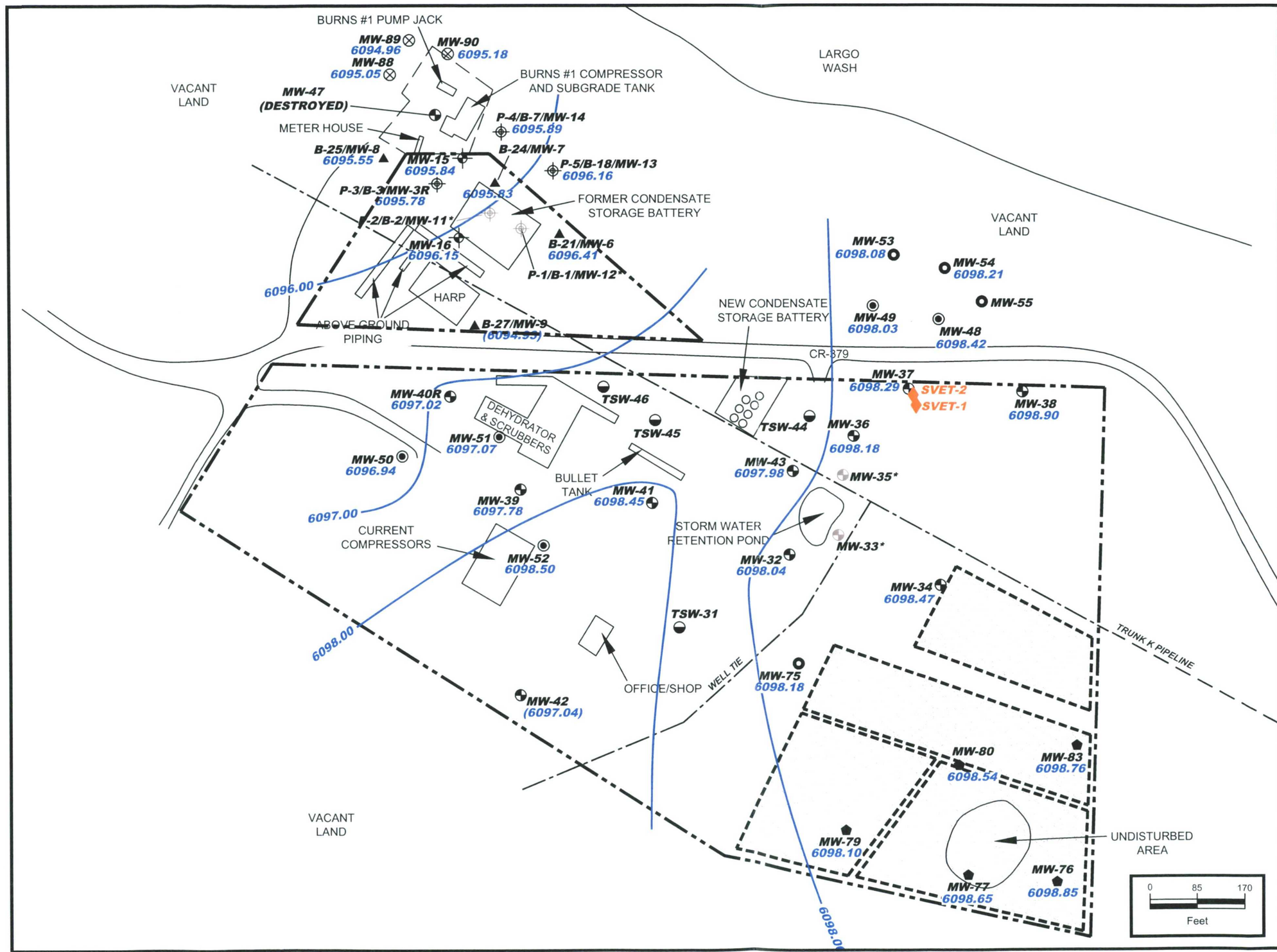

LEGEND

- SITE BOUNDARY
- GRAVEL
- BERM
- PIPELINE
- TREATMENT CELL
- MONITORING WELL INSTALLED BY APEX (AUGUST 2014)
- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
- MONITORING WELL INSTALLED BY SWG (APRIL 2012)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2010)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (AUGUST 2009)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH/APRIL 2008)
- MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH 2010)
- SVE TEST WELL LOCATION 2017
- 6096.94 GROUNDWATER ELEVATION (FEET AMSL)
- 6098.00 GROUNDWATER ELEVATION CONTOUR (FEET AMSL) (CONTOUR INTERVAL = 1.0 FT)
- (6097.04) DATA NOT USED FOR CONTOURING

NOTE

Monitoring well MW-55 appears to have an obstruction in the casing.

* Denotes plugged and abandoned monitoring wells

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FIGURE 4A

Groundwater Gradient Map
May 2017

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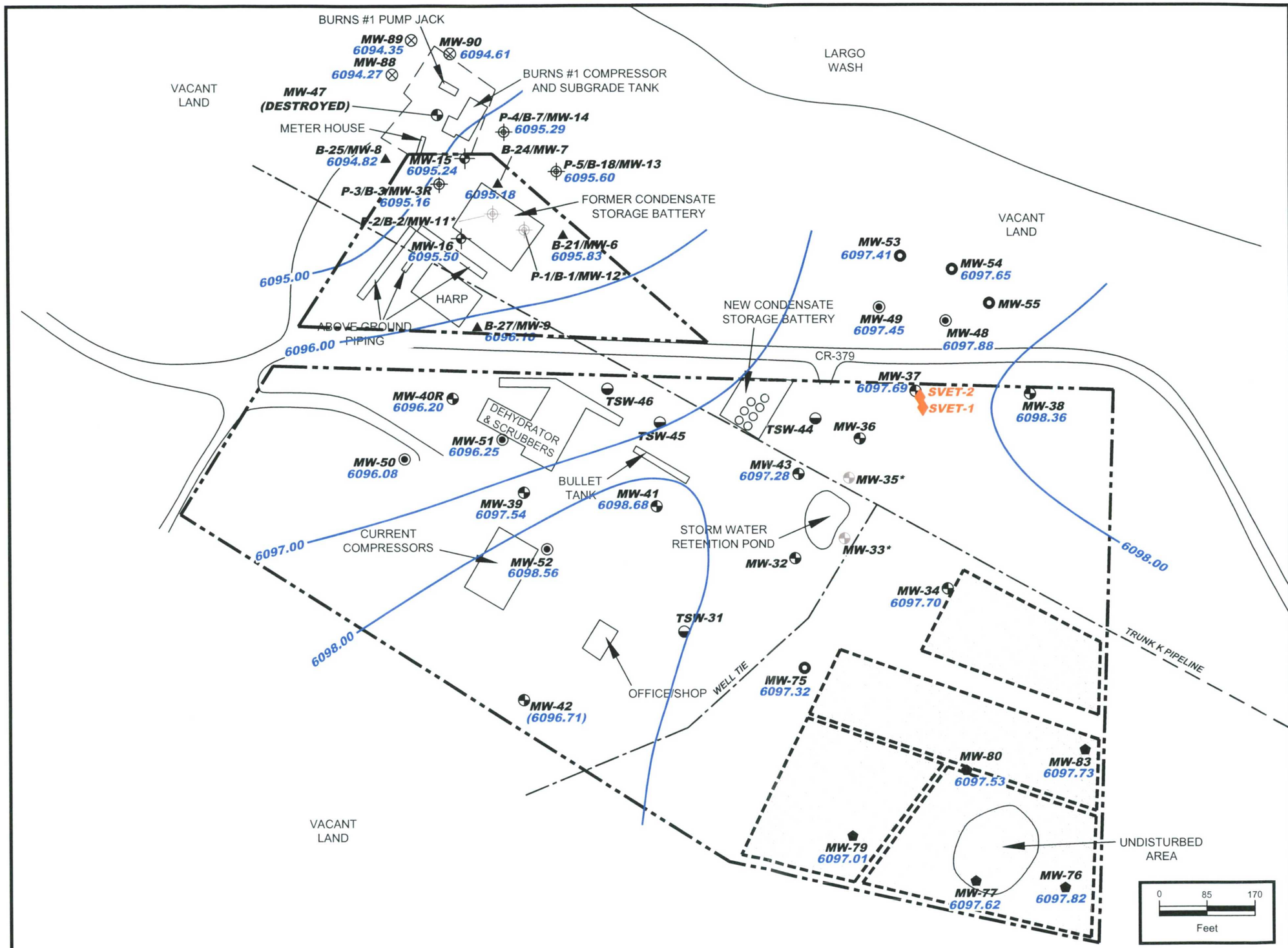

LEGEND

- SITE BOUNDARY
- GRAVEL
- BERM
- PIPELINE
- TREATMENT CELL
- MONITORING WELL INSTALLED BY APEX (AUGUST 2014)
- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
- MONITORING WELL INSTALLED BY SWG (APRIL 2012)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2010)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (AUGUST 2009)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH/APRIL 2008)
- MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH 2010)
- SVE TEST WELL LOCATION 2017
- 6096.94 GROUNDWATER ELEVATION (FEET AMSL)
- 6098.00 GROUNDWATER ELEVATION CONTOUR (FEET AMSL) (CONTOUR INTERVAL = 1.0 FT)
- (6096.71) DATA NOT USED FOR CONTOURING

NOTE

Monitoring well MW-55 appears to have an obstruction in the casing.

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FIGURE 4B

Groundwater Gradient Map
October 2017

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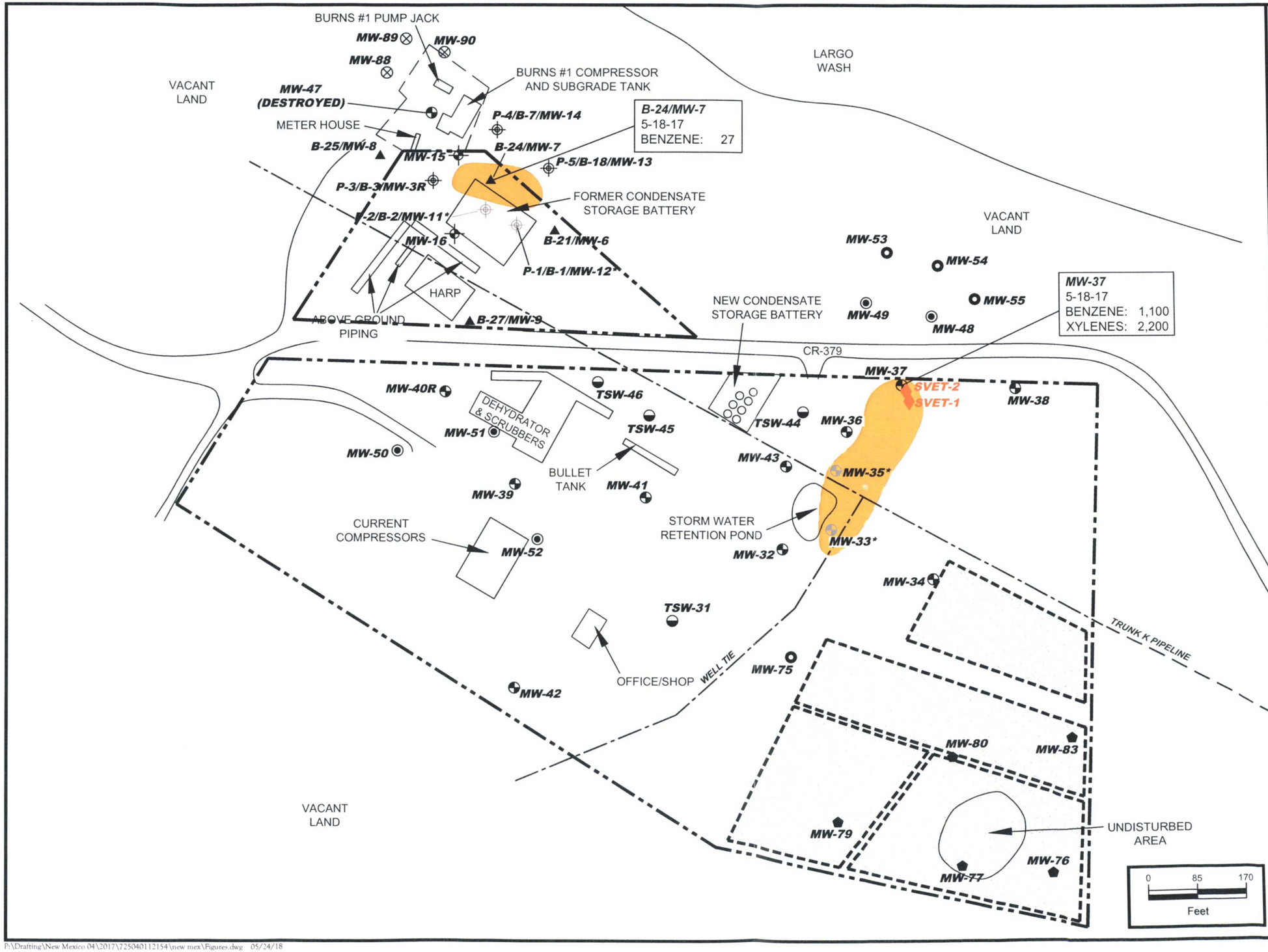

LEGEND

- SITE BOUNDARY
- GRAVEL
- BERM
- PIPELINE
- TREATMENT CELL
- MONITORING WELL INSTALLED BY APEX (AUGUST 2014)
- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
- MONITORING WELL INSTALLED BY SWG (APRIL 2012)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2010)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (AUGUST 2009)
- SOIL BORING/MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH/APRIL 2008)
- MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH 2010)
- SVE TEST WELL LOCATION 2017
- ESTIMATED GQS EXCEEDANCE ZONE

* Denotes plugged and abandoned monitoring wells

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FIGURE 5A

Groundwater Quality Standard (GQS) Exceedance Zone Map May 2017

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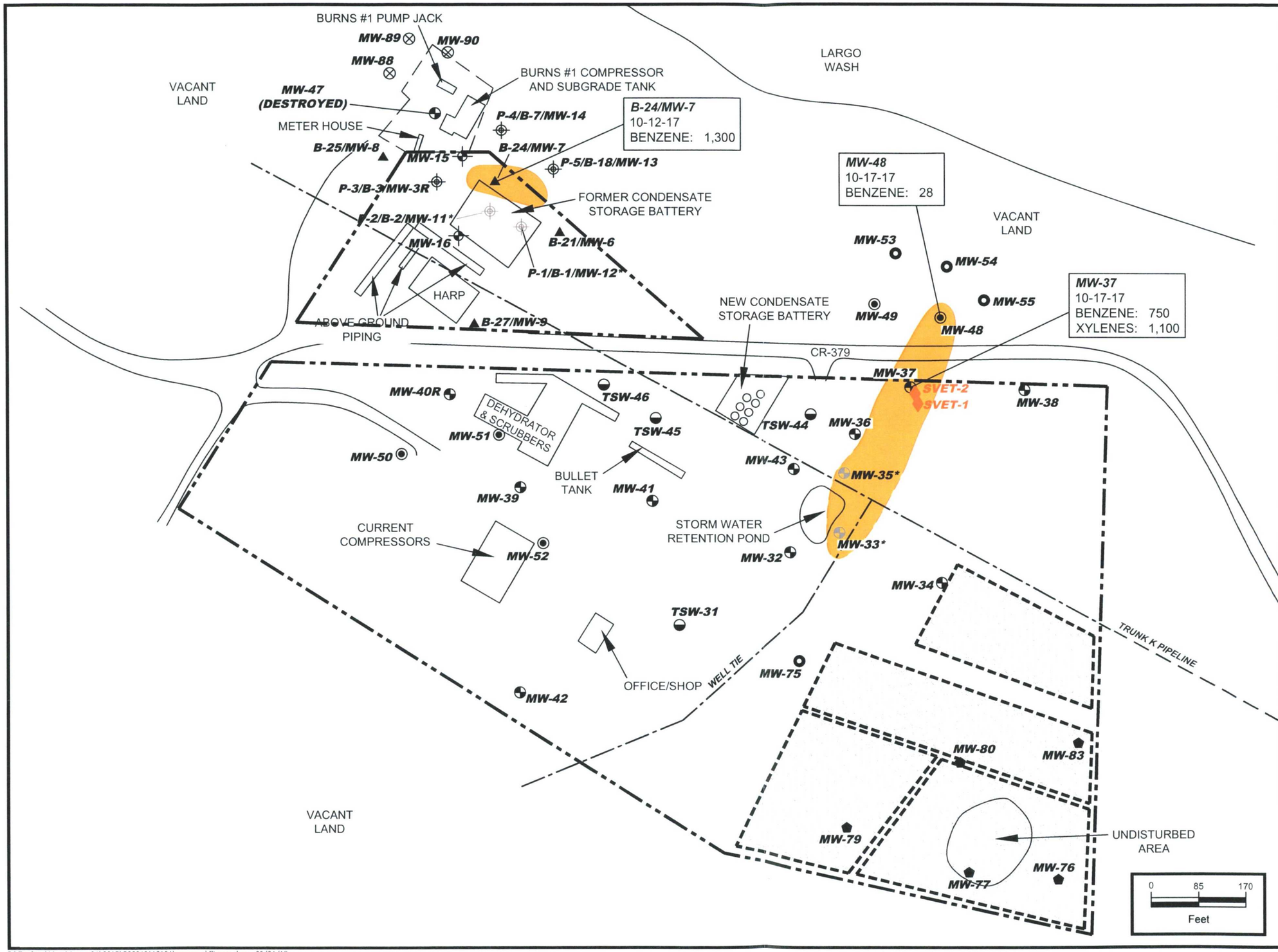

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FIGURE 5B

Groundwater Quality Standard (GQS) Exceedance Zone Map
October 2017

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