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March 10, 2017

Submitted via email and Saved on the NMOCD ftp website

Mr. Randy Bayliss
New Mexico Energy, Minerals & Natural Resources
Department – Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: 2016 *Annual Groundwater Monitoring Report (Apex, February 25, 2017)*
Enterprise Field Services, LLC – Largo Compressor Station
Rio Arriba County, New Mexico
Groundwater Discharge Plan GW-211
OCD RP: 3R-1001

Dear Mr. Bayliss:

Please find attached, the above-referenced report prepared by Apex TITAN, Inc. (Apex). 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 in other areas of the facility.

The activities detailed in the attached *Annual Groundwater Monitoring Report* include two (2) semi-annual groundwater monitoring events completed at the site during April/May and October/November 2016, 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. Enterprise currently plans to continue to perform semi-annual groundwater monitoring activities at the facility, and will work with Mr. Randy Bayliss and Mr. Brandon Powell and their respective OCD offices moving forward, to determine acceptable remediation options for soil and groundwater at the site.

Enterprise appreciates the OCD's continued assistance and guidance with bringing this Site to closure. 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, P.G.
Supervisor, Environmental

Rodney M. Sartor, REM
Director, Environmental

/dep
Attachment

cc: Mr. Brandon Powell – NMOCD, Aztec, NM
ec: Ms. Liz Scaggs – Apex, Dallas, TX

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ANNUAL GROUNDWATER MONITORING REPORT
(April/May and October/November 2016 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

February 24, 2017
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

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Largo Compressor Station – Annual Groundwater Monitoring Report
(April/May and October/November 2016 Sampling Events)
Executive Summary

Semi-annual groundwater monitoring events were conducted at the Largo Compressor Station during April/May and October/November 2016 by Apex TITAN, Inc. (Apex). 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. The objective of these groundwater monitoring events was to further evaluate the concentrations of constituents of concern (COCs) in groundwater at the facility. Findings and recommendations based on these activities are as follows:

- During the completion of the April/May and October/November 2016 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.

- **During the April/May sampling event, the groundwater sample collected from monitoring well MW-37 exhibited a benzene concentration of 820 micrograms per liter (µg/L), which exceeds the Water Quality Control Commission (WQCC) *Groundwater Quality Standard* (*GQS*) of 10 µg/L.**

- **During the October sampling event, the groundwater samples collected from monitoring wells MW-7, MW-15, MW-37, and MW-48 exhibited benzene concentrations ranging from 26 µg/L to 590 µg/L, 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 1,600 µg/L, which exceeds the WQCC GQS of 620 µg/L.**

- **When compared to 2015 monitoring results, samples from monitoring wells MW-7 and MW-15 exhibited benzene concentration increases during the October/November 2016 monitoring event.**

- **When compared to 2015 monitoring results, samples from monitoring wells MW-37 and MW-39 exhibited benzene concentration decreases during each of the 2016 monitoring events.**

Apex offers the following recommendations:

- **Report the groundwater monitoring results to the Oil Conservation Division (OCD);**
- **Continue the execution of corrective actions to: 1) Reduce the concentrations of COCs in soil to below the OCD *Remediation Action Levels* in Area 3 and; 2) Remove NAPL from groundwater at the Site to the extent practical;**

- **Reinstall monitoring wells within the primary COC plume areas once the bulk of the affected soils have been removed/remediated;**

- **Continue semi-annual groundwater monitoring at the Site to evaluate COC concentrations in groundwater.**

TABLE OF CONTENTS

LIST OF APPENDICES

ANNUAL GROUNDWATER MONITORING REPORT
(April/May and October/November 2016 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 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), referred to hereinafter as 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 currently includes two (2) compressor engines, a dehydration unit and related treater, one (1) bullet storage tank, a new condensate storage tank battery which includes seven (7) new condensate storage tanks, inlet scrubbers, a control room, a storm water 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 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 identified as Areas 1 through 4 in 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 OCD in January 2008. Additional detail regarding the investigative and corrective activities at Area 1 are provided in the *Environmental Site Investigation – Largo Compressor Station (GW-211)* (Southwest Geoscience (SWG) - March 24, 2011), and the *Corrective Action Pilot Study Report* (SWG – October 10, 2011). The old condensate storage tanks were physically 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 – March 19, 2014).

Groundwater impact in Area 1 is currently delineated by the groundwater monitoring well network. Additional information pertaining to groundwater impact at the Site is provided in the Annual Groundwater Monitoring Reports, such as the *Annual Groundwater Monitoring Report (April/May and October 2015 Sampling Events)*.

Area 2 (Valve Box Area)

Area 2 includes the new condensate storage tank battery and the immediately 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 impacted soils and groundwater were encountered in association with a former valve box and related appurtenances. Additional detail and references regarding the investigative and corrective activities at Area 2 are provided in the *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG - March 24, 2011).

Area 3 (Retention Pond Area)

Area 3 encompasses the east portion of the Site including the storm-water retention pond. Historical petroleum hydrocarbon affected soil and groundwater were identified during the construction of the retention pond in July of 2009, which possibly originated from historic oil and contact water treatment and 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 - March 24, 2011), the *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)* (SWG – June 31, 2012), and the *Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report (Apex – July 14, 2016)*.

Area 4 (Compression & Dehydration Area)

Area 4 comprises the remainder of the Site, which includes the active compression and treatment area comprised of 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 - March 24, 2011), and the *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)* (SWG – 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: Release was discovered resulting from frozen valve failure on a condensate storage tank. The release flowed into the below-grade drain tanks, which subsequently overflowed to surrounding containment. The release was subsequently reported to the 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, LLC (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 1-inch 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 total petroleum hydrocarbons (TPH) as gasoline range organics (GRO) and diesel range organics (DRO) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis. 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 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 OCD approved the planned storage tank modification from Enterprise with the condition that Enterprise filed an appropriate closure plan for the old tank battery.

June/July 2009

Area 2: An area of concern was discovered during construction activities at the new condensate storage tank battery. Source of impact presumed to be 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 confirmation sample from pothole #6 (PH# 6), and submitted it for analysis of TPH GRO/DRO. Based on the laboratory analytical data, the soil confirmation sample PH# 6 did not exhibit TPH GRO/DRO concentrations above the OCD *Remediation Action Levels* (*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 visually impacted soils at which the final excavation was reported to be approximately 100 feet long by 30 feet wide and 13 feet deep. SMA collected a total of four (4) soil confirmation samples on July 1, 2009 from the sidewalls of the Area 2 excavation and one (1) soil confirmation sample from the excavated soils and submitted them for analysis of TPH GRO/DRO. The confirmation soil samples did not exhibit COC concentrations above the 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 OCD required tank integrity testing, improvement on 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 storm-water retention pond at the facility. Initial Form C-141 was submitted to 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 storm-water 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 OCD *RALs*. Groundwater which was 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 evaluated a total of four (4) test pits, each with 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 within the test pits and the field screening results of the collected soils samples, it was concluded that "soil impacts likely extended beyond a reasonable area for excavation" within Area 3. The decision was made 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, approximately 1,701 cubic yards in total (one source indicates 3,000 cubic yards), were transported off-site and

	disposed of at the Envirotech landfarm near Hilltop, New Mexico. In addition, a vacuum truck was utilized to remove approximately 1,120 bbls of hydrocarbon impacted groundwater from the excavation prior to backfill. The excavation was backfilled with approximately 1,360 cubic yards of unaffected material, leaving a four (4) to five (5) foot depression to utilize as the storm-water 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 2-inch groundwater monitoring wells (MW-6 through MW-9). Based on the laboratory analytical results, soil samples collected from soil borings B-22 at 15 feet bgs, B-23 at 15 feet bgs, B-24 at 15 feet bgs, B-29 at 18 feet bgs, and Hand Auger-1 at 14 feet bgs exhibited total BTEX and/or TPH GRO/DRO concentrations above 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 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. Furthermore, the dissolved-phase contamination of the groundwater underlying the Site was migrating slightly to the north-northwest.
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 (now referred to as MW-11) exhibited benzene and/or total xylenes concentrations above the WQCC GQSs. NAPL was present 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 OCD.
February 2010	Area 1: The OCD approved the December 31, 2009 work plan 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 with 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) which was proposed to be utilized in recovering NAPL by introducing adsorbent socks via the well casing. 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 OCD, indicating the need for additional studies.

Areas 1 through 4: On May 27, 2010, Enterprise submitted an extension request to the 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 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 into the hollow stem at each borehole (approximately 30 pounds of ORC per borehole) to create a plug of ORC covering approximately five vertical feet throughout 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, Southwest Geoscience (SWG) advanced 17 soil borings across the facility as part of the facility-wide Site 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 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 above the WQCC GQSs in groundwater from monitoring well MW-39, in the vicinity of the current compressors (Area 4). The groundwater sample collected from monitoring well MW-42, which is located on the hydrogeologically up-gradient boundary of the Site, exhibited a total dissolved solids (TDS) concentration of 75,400 micrograms 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 OCD documenting the "pilot study" implementation. Field observations during ISCO activities indicated remaining historically impacted soils.
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 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 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 corrective actions for

	remediation of soils from 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 acquisition of backfill material from the 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 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 TITAN, INC. (Apex) – April 13, 2015): Enterprise installed three (3) additional groundwater monitoring wells downgradient of monitoring well MW-47.
July 2016	Area 3: *Interim Corrective Action Report (Area 3) and Treated Soil Sampling (Area 1) Report (Apex – July 14, 2016)*: Enterprise performed corrective action activities in Area 3 by removing hydrocarbon-affected soils in the vicinity of the retention pond. The treated soils from the former Area 1 remediation were stockpiled for confirmation sampling to make room in the treatment cells for the Area 3 soils.

1.3 Objective

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

1.4 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.

2.0 SAMPLING PROGRAM

Semi-annual groundwater sampling events were conducted during April/May and October/November 2016 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. Although it is reasonable to assume that NAPL is still present in the vicinity of the retention pond, 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 water level is checked periodically to monitor drawdown in the well as a guide to flow rate adjustment.

The pump intake is placed within the screened interval such that the groundwater recovered is drawn in directly from the formation with little 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, dissolved oxygen, oxidation-reduction potential, temperature and conductivity. Measurements are taken every three to five minutes. Stabilization is achieved after 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 of three (3) casing volumes, or 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 and placed on ice in a cooler secured with a custody seal. The sample coolers and completed chain-of-custody forms were relinquished to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

3.0 LABORATORY ANALYTICAL PROGRAM

The groundwater samples collected from the monitoring wells during the April/May and October/November 2016 groundwater sampling events were analyzed for BTEX utilizing EPA method SW-846 #8021. 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	36/35	SW-846 8021

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

4.0 GROUNDWATER FLOW DIRECTION

Each of the monitoring wells has been surveyed for 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 April and October 2016 gauging events are presented with TOC elevations in Table 3 (Appendix B). Groundwater gradient maps for the April and October 2016 gauging events are included as Figure 4A and 4B (Appendix A), respectively.

5.0 DATA EVALUATION

The Site is subject to regulatory oversight by the New Mexico EMNRD 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 EMNRD/OCD rules, specifically NMAC 19.15.29 *Release Notification*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

5.1 Groundwater Samples

Apex compared BTEX concentrations or laboratory method practical quantitation limits (PQLs) associated with the groundwater samples collected from the monitoring wells during the April/May and October/November 2016 sampling events to the New Mexico WQCC *GQSs*. The results of the groundwater sample analyses are summarized in Table 2 of Appendix B. Groundwater Quality Standard Exceedance Zone maps are provided as Figures 5A and 5B of Appendix A.

April/May 2016 Sample Results:

Monitoring well MW-47 was not sampled due to structural damage.

The groundwater sample collected from monitoring well MW-37 exhibited a benzene concentration of 820 micrograms per liter (µg/L), which exceeds the WQCC *GQS* of 10 µg/L. The groundwater samples collected from monitoring wells MW-7, MW-16, MW-39, MW-48, and MW-51 exhibited benzene concentrations ranging from 1.7 µg/L (MW-51) to 9.8 µg/L (MW-39), 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-16, MW-37, and MW-48 exhibited ethylbenzene concentrations ranging from 1.1 µg/L (MW-16) to 180 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 samples collected from monitoring wells MW-48 and MW-37 exhibited total xylene concentrations of 2.9 µg/L and 510 µg/L, respectively, which are 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.
No data qualifiers were associated with the April/May 2016 analytical results.

October/November 2016 Sample Results:

Monitoring well MW-42 was not sampled due to insufficient water. Monitoring well MW-47 was not sampled due to structural damage.

The groundwater samples collected from monitoring wells MW-7, MW-15, MW-37, and MW-48 exhibited benzene concentrations ranging from 26 µg/L (MW-48) to 590 µg/L (MW-37), which exceed the WQCC GQS of 10 µg/L. The groundwater samples collected from monitoring wells MW-3R, MW-39, and MW-51 exhibited benzene concentrations ranging from 2.8 µg/L (MW-3R) to 4.9 µg/L (MW-51), 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 6.7 µg/L (MW-7) to 340 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 1,600 µg/L, which exceeds the WQCC GQS of 620 µg/L. The groundwater samples collected from monitoring wells MW-7 and MW-48 exhibited total xylene concentrations of 2.3 µg/L and 26 µg/L, respectively, which are 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-3R (collected 10/14/2016)	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 outside the accepted "high" limit of 130% with a recovery of 568% due to matrix interference.
MW-15 (collected 10/13/2016)	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 130% with a recovery of 142% due to matrix interference.
MW-54 (collected 10/20/2016)	Sample Diluted Due to Matrix.	The sample was diluted due to matrix interference.
MW-55 (collected 10/17/2016)	Sample Diluted Due to Matrix.	The sample was diluted due to matrix interference.

6.0 FINDINGS

Semi-annual groundwater monitoring events were conducted at the Largo Compressor Station during April/May and October/November 2016. 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 CR 379 in Section 15, Township 26 North, Range 7 West in Rio Arriba County, New Mexico. The objectives of the groundwater monitoring events were to further evaluate the concentrations of COCs in groundwater at the Site.

- 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. Although it is reasonable to assume that NAPL is still present in the vicinity of the retention pond, these monitoring wells are not scheduled for replacement until the soil remediation activities are completed.

- During the completion of the April/May and October/November 2016 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.

- 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 April/May sampling event, the groundwater sample collected from monitoring well MW-37 exhibited a benzene concentration of 820 µg/L, which exceeds the WQCC GQS of 10 µg/L.**

- **During the October/November sampling event, the groundwater samples collected from monitoring wells MW-7, MW-15, MW-37, and MW-48 exhibited benzene concentrations ranging from 26 µg/L to 590 µg/L, 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 1,600 µg/L, which exceeds the WQCC GQS of 620 µg/L.**

- **When compared to 2015 monitoring results, samples from monitoring wells MW-7 and MW-15 exhibited benzene concentration increases during the October/November 2016 monitoring event.**

- **When compared to 2015 monitoring results, samples from monitoring wells MW-37 and MW-39 exhibited benzene concentration decreases during each of the 2016 monitoring events.**

7.0 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 Oil Conservation Division (OCD);**

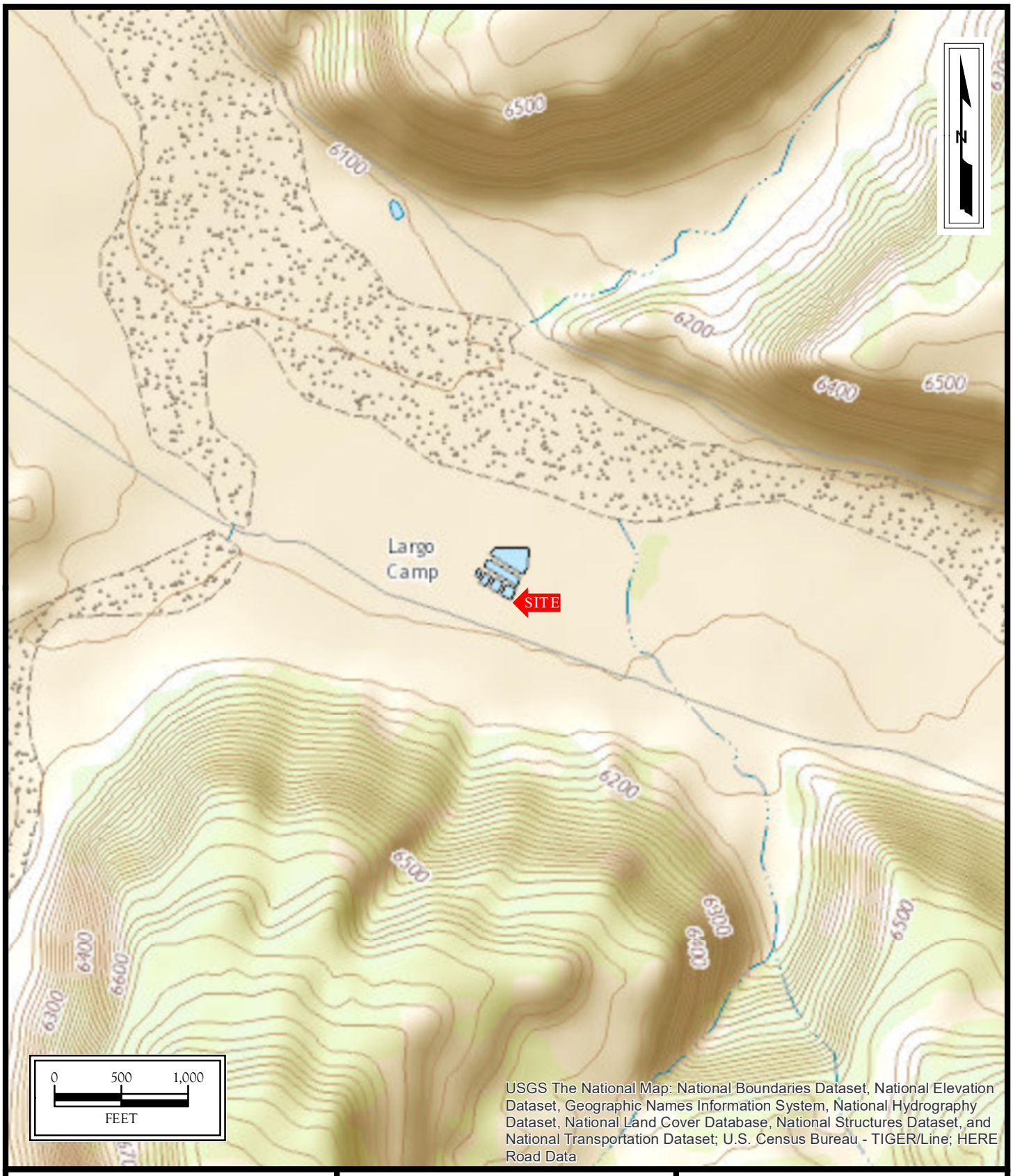
- **Continue the execution of corrective actions to: 1) Reduce the concentrations of COCs in soil to below the OCD *Remediation Action Levels* in Area 3 and; 2) Remove NAPL from groundwater at the Site to the extent practical;**

- **Reinstall monitoring wells within the primary COC plume areas once the bulk of the affected soils have been removed/remediated;**

- **Continue semi-annual groundwater monitoring at the Site to evaluate COC concentrations in groundwater.**

APPENDIX A

Figures



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
www.apexcos.com
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FIGURE 1
Topographic Map
Smouse Mesa, NM Quadrangle
2013

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

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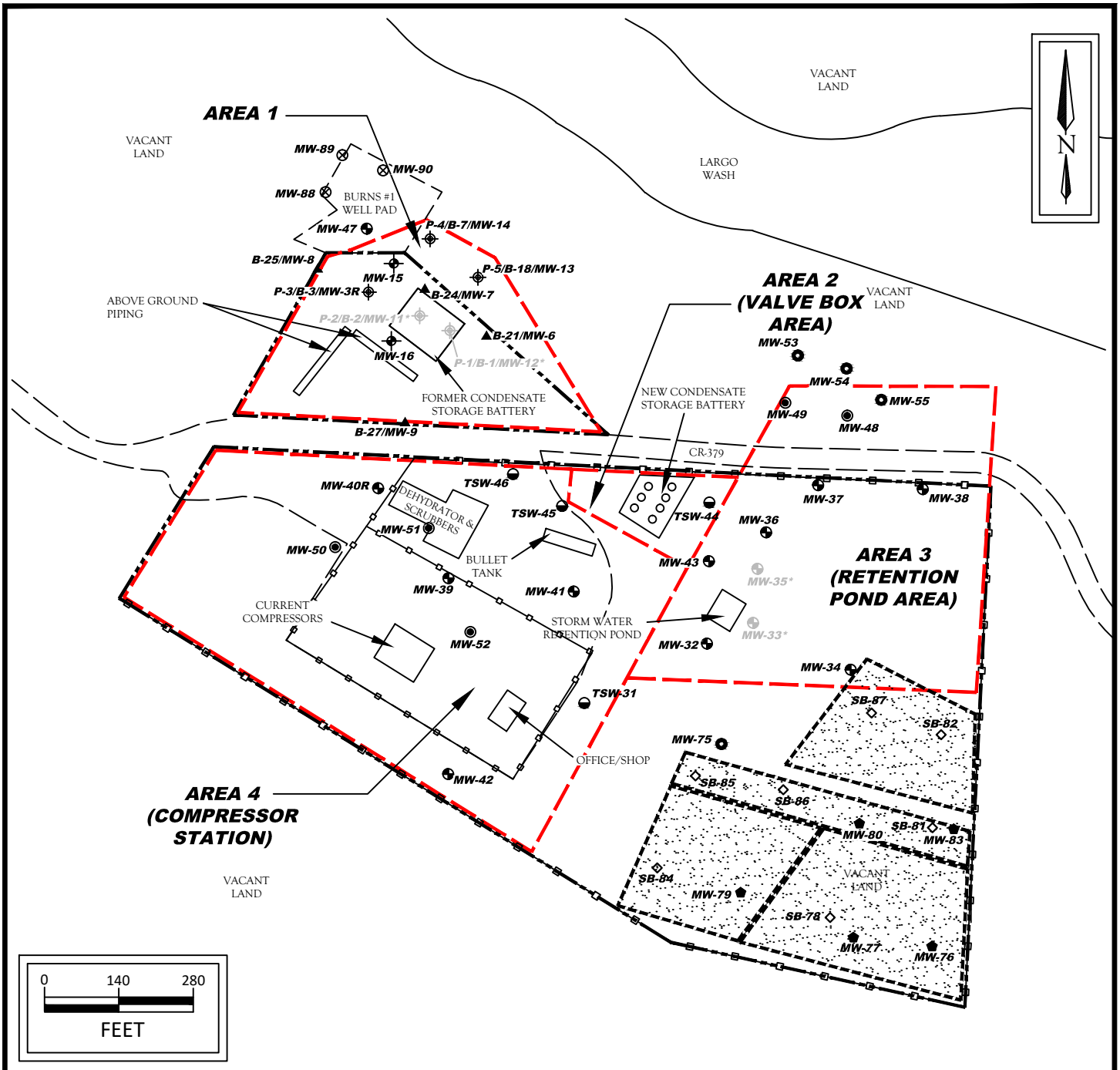
FIGURE 2
Site Vicinity Map



NOTE: * DENOTES PLUGGED AND ABANDONED WELLS IN SEPTEMBER 2013, OCTOBER 2015, AND NOVEMBER 2015

LEGEND:

- SITE BOUNDARY
- GRAVEL
- FENCE
- BERM
- TREATMENT AREA
- SOIL BORING INSTALLED BY SWG (MAY 2013)
- 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)

Largo Compressor Station

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Figure 3

Site Map

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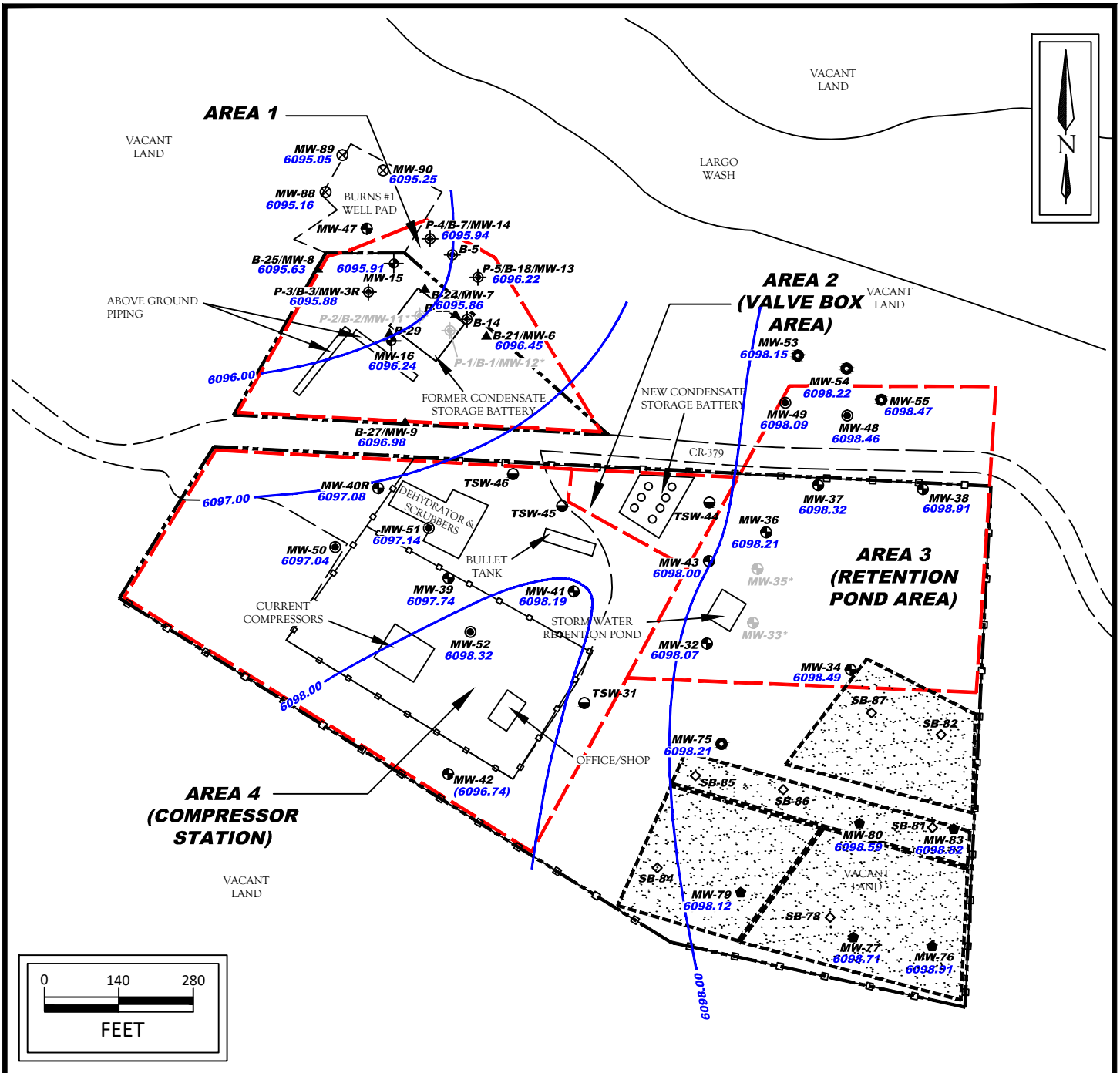

NOTE: * DENOTES PLUGGED AND ABANDONED WELLS IN SEPTEMBER 2013, OCTOBER 2015, AND NOVEMBER 2015

LEGEND:

- SITE BOUNDARY
- GRAVEL
- FENCE
- BERM
- TREATMENT AREA
- SOIL BORING INSTALLED BY SWG (MAY 2013)
- 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)
- 6098.21 GROUNDWATER ELEVATION (FEET AMSL)
- 6098.00 GROUNDWATER ELEVATION CONTOUR (FEET AMSL) (CONTOUR INTERVAL = 1.0 FT)
- (6096.74) DATA NOT USED FOR CONTOURING

Largo Compressor Station
NE¼ and SE¼, S15 T26N R7W
Rio Arriba County, New Mexico
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Figure 4A

Groundwater Gradient Map
April 2016

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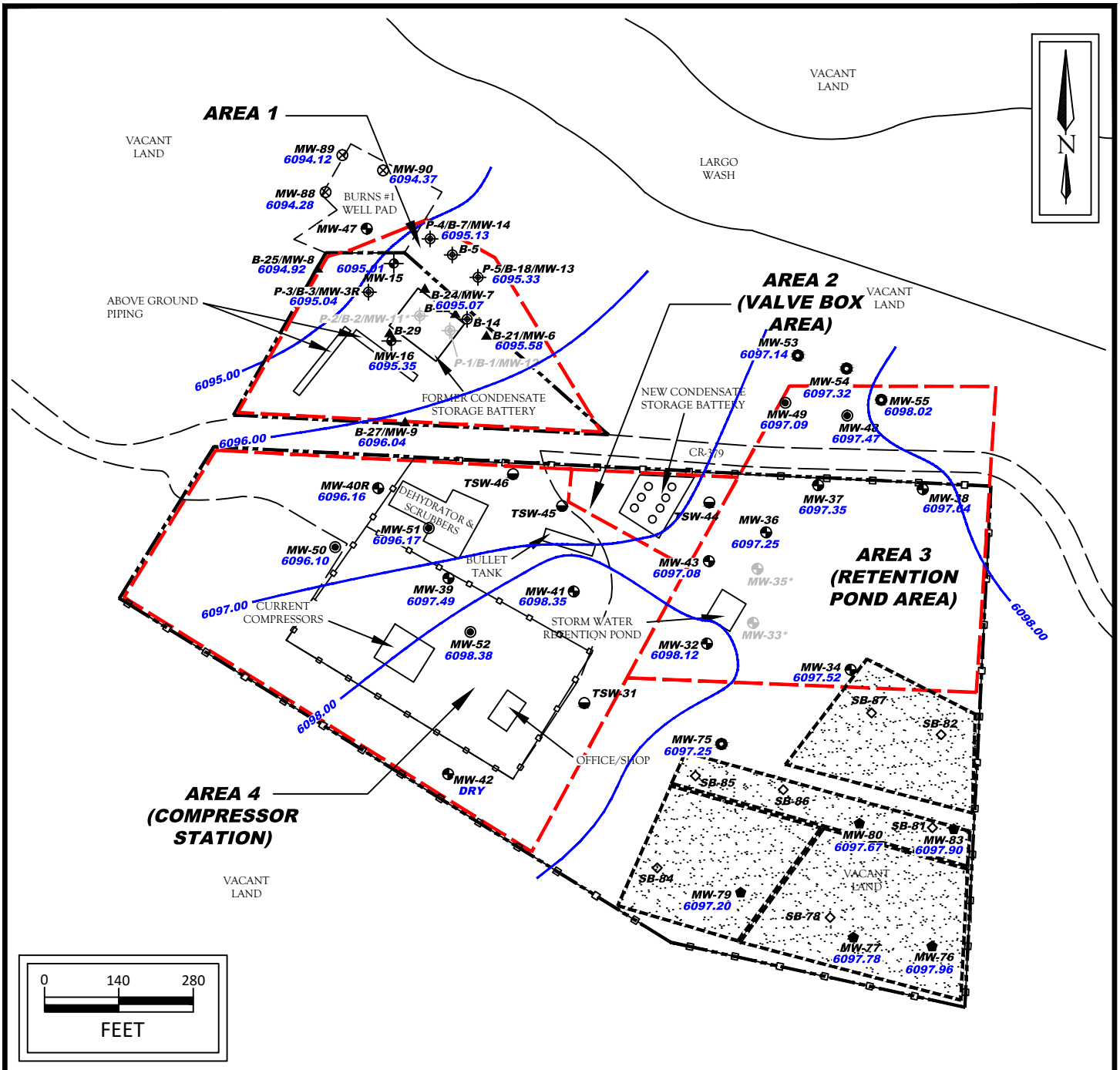

NOTE: * DENOTES PLUGGED AND ABANDONED WELLS IN SEPTEMBER 2013, OCTOBER 2015, AND NOVEMBER 2015

LEGEND:

- SITE BOUNDARY
- GRAVEL
- FENCE
- BERM
- TREATMENT AREA
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- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
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- 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)
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- 6098.00 GROUNDWATER ELEVATION CONTOUR (FEET AMSL) (CONTOUR INTERVAL = 1.0 FT)

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

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Figure 4B

Groundwater Gradient Map
October 2016

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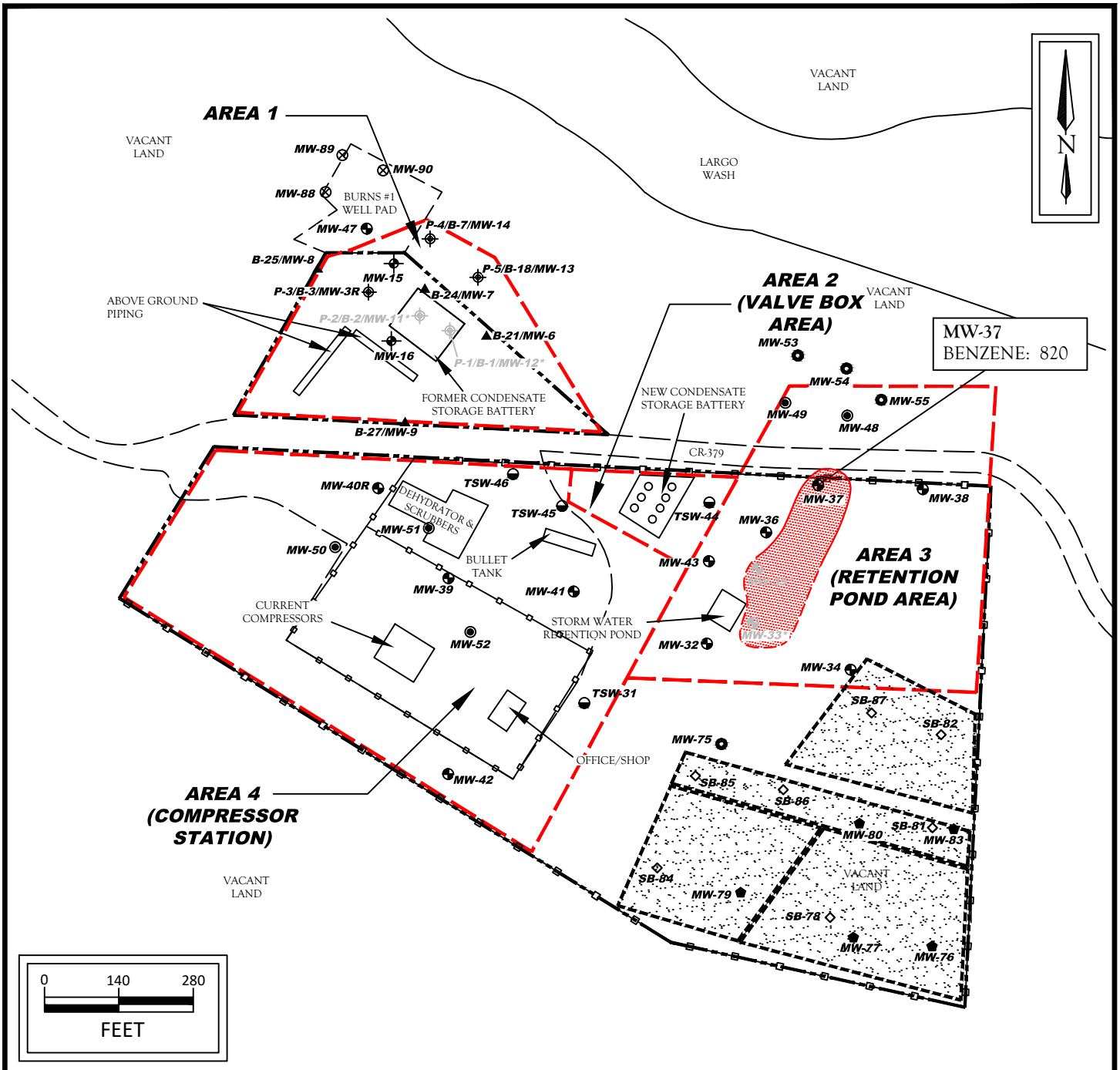

NOTE: * DENOTES PLUGGED AND ABANDONED WELLS IN SEPTEMBER 2013, OCTOBER 2015, AND NOVEMBER 2015

LEGEND:

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- MONITORING WELL INSTALLED BY LT ENVIRONMENTAL (MARCH 2010)
- TEMPORARY SAMPLING WELL INSTALLED BY SWG (NOVEMBER 2010)
- ESTIMATED GQS EXCEEDANCE ZONE

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

Project No. 725040112154

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Figure 5A

Groundwater Quality Standard Exceedance Zone Map
April/May 2016

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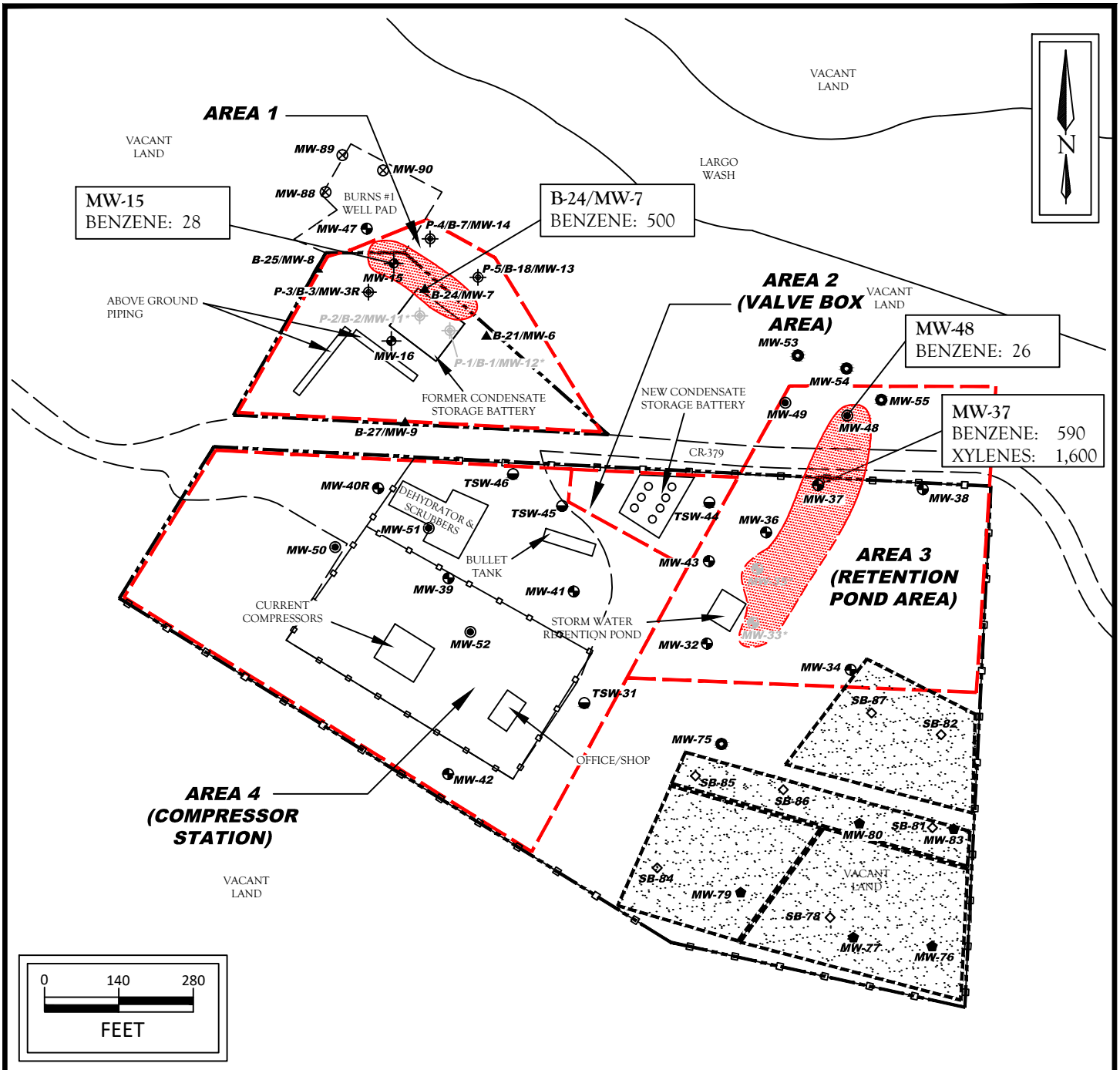

NOTE: * DENOTES PLUGGED AND ABANDONED WELLS IN SEPTEMBER 2013, OCTOBER 2015, AND NOVEMBER 2015

LEGEND:

- SITE BOUNDARY
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- MONITORING WELL INSTALLED BY SWG (MAY 2013)
- MONITORING WELL INSTALLED BY SWG (NOVEMBER 2012/ JANUARY 2013)
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- ESTIMATED GQS EXCEEDANCE ZONE

Largo Compressor Station
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Figure 5B

Groundwater Quality Standard Exceedance Zone Map
October/November 2016

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APPENDIX B

Tables

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
P-3	8.10.09	NA	**35**	<1.0	3.8	<2.0	NA	NA
P-3	11.24.09	NA	1.4	<1.0	1.5	<2.0	NA	NA
P-3	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
MW-3R (P-3*)	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-3R (P-3*)	7.13.10	NA	**13**	<1.0	1.3	6.4	1.4	1
MW-3R (P-3*)	8.26.10	NA	5.0	<1.0	<1.0	2.3	0.46	<1.0
MW-3R (P-3*)	11.18.10	NA	3.9	<1.0	<1.0	<2.0	0.47	<1.0
MW-3R (P-3*)	2.1.11	NA	2.0	<1.0	<1.0	<2.0	0.16	<1.0
MW-3R (P-3*)	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-3R (P-3*)	7.28.11	NA	1.5	<1.0	<1.0	7.1	1.50	<1.0
MW-3R (P-3*)	10.27.11	NA	1.1	<1.0	<1.0	<2.0	0.57	<1.0
MW-3R (P-3*)	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
MW-3R (P-3*)	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
MW-3R (P-3*)	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	0.36	<1.0
MW-3R (P-3*)	10.19.12	NA	<1.0	<1.0	1.2	2.8	0.48	<1.0
MW-3R (P-3*)	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-3R (P-3*)	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-3R (P-3*)	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-3R (P-3*)	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-3R (P-3*)	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-3R (P-3*)	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-3R (P-3*)	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-3R (P-3*)	10.14.16	NA	2.8	<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-6	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-6	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-6	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-6	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-6	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	10.18.12	8,420	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-6	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	10.14.16	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-7	8.10.09	NA	**15,000**	<100	380	310	NA	NA
MW-7	11.24.09	NA	**13,000**	<100	150	<200	NA	NA
MW-7	2.25.10	NA	**3,000**	<10	40	31	NA	NA
MW-7	4.05.10	NA	**940**	<10	<10	<20	4.2	1.3
MW-7	5.27.10	NA	**700**	<10	11	<20	NA	NA
MW-7	7.13.10	NA	**15,000**	<10	130	25	51	4.6
MW-7	8.26.10	NA	**5,300**	<20	35	<40	18	1.7
MW-7	11.18.10	NA	**3,700**	<20	62	<40	11	1.2
MW-7	2.1.11	NA	**1,800**	<1.0	10	4.6	2.2	<1.0
MW-7	4.19.11	NA	**250**	<1.0	2.9	2.4	0.75	<1.0
MW-7	5.19.11	NA	**1,400**	<5.0	15.0	<10	4.0	<1.0
MW-7	7.28.11	NA	**75**	<5.0	200	62.0	45	2.7
MW-7	10.28.11	NA	**1,300**	<10	140	<20	32	6.1
MW-7	1.31.12	NA	**9,000**	<10	110	<20	21	4.5
MW-7	4.19.12	NA	**790**	<10	15	<20	2.7	<1.0
MW-7	7.31.12	NA	**2,500**	<10	35	<20	6.4	<1.0
MW-7	10.19.12	NA	**8,200**	<10	130	36.0	32	2.5
MW-7	4.24.13	NA	**120**	<1.0	2.1	<2.0	0.60	<1.0
MW-7	10.25.13	NA	**45**	<1.0	<1.0	<2.0	0.19	<1.0
MW-7	4.22.14	NA	**43**	<1.0	<1.0	3.1	0.13	<1.0
MW-7	10.29.14	NA	2.3	<1.0	<1.0	<2.0	NA	NA
MW-7	5.6.15	NA	**24**	<1.0	<1.0	<2.0	NA	NA
MW-7	10.28.15	NA	**25**	<1.0	<1.0	3.6	NA	NA
MW-7	4.27.16	NA	7.0	<1.0	<1.0	<2.0	NA	NA
MW-7	10.14.16	NA	**500**	<1.0	6.7	2.3	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
MW-8	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-8	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-8	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-8	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-8	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-8	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	10.13.16	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-9	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-9	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-9	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-9	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-9	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	10.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-9	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-9	10.14.16	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**
P-2	4.04.08	NA	**15,000**	**2,100**	380	**4,600**	120	6.8
P-2	8.10.09	NA	**9,800**	110	170	**1,400**	NA	NA
P-2	11.24.09	NA	**21,000**	360	460	**2,700**	NA	NA
P-2	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
MW-11 (P-2*)	5.27.10	NA	4.4	<1.0	<1.0	<2.0	NA	NA
MW-11 (P-2*)	7.13.10	NA	**700**	4.5	11	56	3.6	1.2
MW-11 (P-2*)	8.26.10	NA	**86**	<1.0	1.3	4.9	0.4	<1.0
MW-11 (P-2*)	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	0.14	<1.0
MW-11 (P-2*)	2.4.11	NA	**21**	<1.0	<1.0	<1.0	0.075	<1.0
MW-11 (P-2*)	4.19.11	NA	**96**	12	1.2	27	0.39	<1.0
MW-11 (P-2*)	7.28.11	NA	**46**	<1.0	38	76	11	1.7
MW-11 (P-2*)	10.28.11	NA	**1,600**	<10	31	37	4.6	2.2
MW-11 (P-2*)	1.31.12	NA	**470**	<10	12	<20	1.3	<1.0
MW-11 (P-2*)	4.19.12	NA	**84**	<1.0	3.2	<2.0	0.43	<1.0
MW-11 (P-2*)	7.31.12	NA	**36**	<1.0	2.6	<2.0	0.24	<1.0
MW-11 (P-2*)	10.19.12	NA	**1,100**	<1.0	11	41	5.3	<1.0
MW-11 (P-2*)	4.24.13	NA	**40**	<1.0	1.5	<2.0	0.14	<1.0
MW-11 (P-2*)	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
P-1	8.10.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
P-1	11.24.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
P-1	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
MW-12 (P-1*)	5.27.10	NA	**3,300**	**1,800**	180	**3,200**	NA	NA
MW-12 (P-1*)	7.13.10	NA	**2,900**	330	140	**1,700**	22	1.0
MW-12 (P-1*)	8.26.10	NA	**1,200**	420	70	**1,300**	13	<1.0
MW-12 (P-1*)	11.18.10	NA	**1,100**	69	61	**720**	6.3	<1.0
MW-12 (P-1*)	2.4.11	NA	**5,900**	<50	470	**1,600**	24	<1.0
MW-12 (P-1*)	4.19.11	NA	**4,200**	190	<100	330	14	<1.0
MW-12 (P-1*)	5.19.11	NA	**1,000**	520	36	**660**	13	15
MW-12 (P-1*)	7.28.11	NA	**12,000**	**2,300**	320	**3,200**	54	3.9
MW-12 (P-1*)	10.28.11	NA	**4,900**	59	130	**3,300**	29	7.3
MW-12 (P-1*)	1.31.12	NA	**4,400**	62	110	**1,500**	18	11
MW-12 (P-1*)	4.19.12	NA	**4,300**	53	150	**930**	22	5.8
MW-12 (P-1*)	7.31.12	NA	**4,600**	<50	160	**920**	17	3.3
MW-12 (P-1*)	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-12 (P-1*)	4.24.13	NA	**6,900**	150	96	**850**	23	5.8
MW-12 (P-1*)	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
P-5	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
P-5	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
P-5	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
MW-13 (P-5*)	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-13 (P-5*)	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-13 (P-5*)	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-13 (P-5*)	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-13 (P-5*)	2.3.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-13 (P-5*)	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-13 (P-5*)	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-13 (P-5*)	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-13 (P-5*)	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-13 (P-5*)	10.14.16	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**
P-4	4.04.08	NA	<1.0	<1.0	<1.0	<2.0	0.42	<1.0
P-4	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
P-4	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
P-4	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
MW-14 (P-4*)	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-14 (P-4*)	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-14 (P-4*)	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-14 (P-4*)	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-14 (P-4*)	2.1.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-14 (P-4*)	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-14 (P-4*)	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-14 (P-4*)	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-14 (P-4*)	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-14 (P-4*)	10.13.16	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-15	4.05.10	NA	1.1	<1.0	<1.0	<2.0	<0.05	<1.0
MW-15	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
MW-15	7.13.10	NA	**490**	2.2	7.2	15	3.2	<1.0
MW-15	8.26.10	NA	**20**	<1.0	<1.0	<2.0	0.095	<1.0
MW-15	11.18.10	NA	8.9	<1.0	<1.0	<2.0	0.19	<1.0
MW-15	2.1.11	NA	**16**	<1.0	<1.0	<2.0	0.06	<1.0
MW-15	4.18.11	NA	**13**	<1.0	<1.0	<2.0	0.14	<1.0
MW-15	7.28.11	NA	**1500**	<1.0	19	20	6.7	<1.0
MW-15	10.28.11	NA	**810**	<10	<10	<20	2.2	1.0
MW-15	1.30.12	NA	**150**	<10	<10	<20	0.51	<1.0
MW-15	4.18.12	NA	**23**	<1.0	1.4	<2.0	0.21	<1.0
MW-15	7.31.12	NA	**64**	<1.0	1.1	<2.0	0.22	<1.0
MW-15	10.19.12	NA	**400**	<1.0	7.2	7.8	2.0	<1.0
MW-15	4.24.13	NA	6.4	<1.0	<1.0	<2.0	0.094	<1.0
MW-15	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-15	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-15	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-15	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-15	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-15	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-15	10.13.16	NA	**28**	<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-16	4.05.10	NA	3.8	1.5	1.4	11	0.36	<1.0
MW-16	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-16	7.13.10	NA	**47**	<1.0	<1.0	<2.0	0.3	<1.0
MW-16	8.26.10	NA	**16**	<1.0	<1.0	<2.0	0.095	<1.0
MW-16	11.18.10	NA	3.4	<1.0	<1.0	<2.0	0.11	<1.0
MW-16	2.1.11	NA	**61**	<1.0	1.3	2.1	0.20	<1.0
MW-16	4.18.11	NA	**34**	<1.0	3.7	4.4	0.16	<1.0
MW-16	7.28.11	NA	**43**	<1.0	1.9	<2.0	0.29	<1.0
MW-16	10.27.11	NA	**21**	<1.0	<1.0	<2.0	0.19	<1.0
MW-16	1.30.12	NA	**10**	<1.0	<1.0	<2.0	0.096	<1.0
MW-16	4.18.12	NA	**20**	<1.0	1.0	<2.0	0.14	<1.0
MW-16	7.31.12	NA	**46**	<1.0	1.9	<2.0	0.23	<1.0
MW-16	10.19.12	NA	**100**	<1.0	3.9	<2.0	0.38	<1.0
MW-16	4.24.13	NA	**10**	<1.0	<1.0	<2.0	0.097	<1.0
MW-16	10.28.13	NA	**11**	<1.0	1.2	<2.0	0.052	<1.0
MW-16	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-16	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-16	4.29.15	NA	1.6	<1.0	<1.0	<2.0	NA	NA
MW-16	10.26.15	NA	3.0	<1.0	<1.0	<2.0	NA	NA
MW-16	4.27.16	NA	6.5	<1.0	1.1	<2.0	NA	NA
MW-16	10.14.16	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**
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
MW-32	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-32	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-32	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-32	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-32	10.19.16	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-33	1.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	4.20.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	4.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	10.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	4.21.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	10.27.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	4.28.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	10.22.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-33	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
MW-34	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-34	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-34	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-34	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-34	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-34	10.19.16	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-35	1.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	4.20.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	4.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	10.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	4.21.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	10.27.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	4.28.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	10.22.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-35	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-36	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	4.20.11	NA	<1.0	2.1	<1.0	<2.0	<0.050	<1.0
MW-36	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-36	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-36	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-36	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-36	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-36	10.17.16	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-37	2.4.11	NA	**3,100**	**6,200**	700	**7,000**	38	3.9
MW-37	4.20.11	NA	**2,500**	**3,600**	500	**5,100**	34	4.2
MW-37	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
MW-37	4.23.13	NA	**670**	260	230	**1,100**	13	4.1
MW-37	10.29.13	NA	**580**	170	150	610	10	7.7
MW-37	4.24.14	NA	**740**	49	120	450	7.2	4.9
MW-37	10.30.14	NA	**770**	<20	140	510	NA	NA
MW-37	5.7.15	NA	**1,500**	220	330	**1,300**	NA	NA
MW-37	10.23.15	NA	**1,000**	21	360	**2,000**	NA	NA
MW-37	5.2.16	NA	**820**	<10	180	510	NA	NA
MW-37	11.8.16	NA	**590**	<10	340	**1,600**	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-38	1.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	4.20.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	10.17.12	3,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-38	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-38	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-38	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-38	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-38	10.19.16	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-39	1.26.11	NA	**1,200**	730	37	570	11	<1.0
MW-39	4.19.11	NA	**120**	<1.0	1.6	5.9	0.33	<1.0
MW-39	7.29.11	NA	**27**	14	1.9	18	0.80	<1.0
MW-39	10.27.11	NA	**260**	<1.0	1.2	3.5	0.44	<1.0
MW-39	1.27.12	NA	**580**	48	4.3	79	1.8	<1.0
MW-39	4.18.12	NA	**1,500**	620	36	**860**	12	112
MW-39	7.30.12	NA	**170**	<2.0	<2.0	8.6	0.58	<1.0
MW-39	10.17.12	NA	**13**	<2.0	<2.0	<4.0	<0.10	<1.0
MW-39	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-39	10.23.13	NA	**18**	<1.0	<1.0	<2.0	0.11	<1.0
MW-39	4.23.14	NA	9.6	<1.0	<1.0	<2.0	0.056	<1.0
MW-39	10.29.14	NA	5.5	<1.0	<1.0	<2.0	NA	NA
MW-39	5.7.15	NA	**25**	<1.0	<1.0	3.1	NA	NA
MW-39	10.29.15	NA	**13**	<1.0	<1.0	<2.0	NA	NA
MW-39	4.28.16	NA	9.8	<1.0	<1.0	<2.0	NA	NA
MW-39	10.17.16	NA	4.1	<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-40 **	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40 **	4.20.11	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
MW-40 **	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-40 **	10.26.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-40 **	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
MW-40R	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40R	10.16.12	7,930	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40R	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40R	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40R	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-40R	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-40R	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-40R	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-40R	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-40R	10.14.16	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-41	1.31.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
MW-41	4.18.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
MW-41	7.29.11	NA	<5.0	<5.0	<5.0	<10	<0.050	<1.0
MW-41	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	10.16.12	30,200	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-41	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-41	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-41	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-41	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-41	10.19.16	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-42	2.4.11	NA	<5.0	<5.0	<5.0	<10	<0.25	NA
MW-42	3.3.11	75,400	NA	NA	NA	NA	NA	NA
MW-42	4.19.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
MW-42	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-42	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-42	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-42	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-42	7.30.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-42	10.16.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-42	4.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-42	10.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-42	4.21.14	NA	Insufficient water to collect sample.					
MW-42	10.29.14	NA	Insufficient water to collect sample.					
MW-42	4.28.15	NA	Insufficient water to collect sample.					
MW-42	10.22.15	NA	Insufficient water to collect sample.					
MW-42	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-42	10.17.16	NA	Insufficient water to collect sample.					

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-43	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	0.06	<1.0
MW-43	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	10.16.12	7,630	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	4.23.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
MW-43	10.24.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
MW-43	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-43	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-43	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-43	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-43	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-43	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
TSW-44	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0

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-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
MW-47	4.18.11	NA	<5.0	<5.0	<5.0	<10	2.0	1.2
MW-47	7.28.11	NA	<5.0	<5.0	<5.0	27.0	6.6	1.1
MW-47	10.28.11	NA	<5.0	<5.0	<5.0	<10	1.4	2.7
MW-47	1.30.12	NA	<5.0	<5.0	<5.0	<10	2.6	2.5
MW-47	4.18.12	NA	**11**	<5.0	16	38	5.5	2.9
MW-47	7.31.12	NA	<10	<10	<10	<20	4.5	2.9
MW-47	10.18.12	NA	<5.0	<5.0	<5.0	91	12	1.8
MW-47	4.24.13	NA	<5.0	<5.0	5.0	<10	6.4	2.3
MW-47	10.24.13	NA	**190**	<5.0	8.9	<10	9.1	4.7
MW-47	4.28.14	NA	**700**	<5.0	27	<10	8.5	4.0
MW-47	10.29.14	NA	**750**	<10	29	<20	NA	NA
MW-47	5.7.15	NA	**420**	<10	25	<20	NA	NA
MW-47	10.29.15	NA	**92**	<1.0	21	2.8	NA	NA
MW-47	4.28.16	Monitoring well damaged						

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-48	4.18.12	NA	**290**	**3,200**	360	**5,000**	25	1.3
MW-48	7.30.12	NA	**120**	**1,100**	160	**2,900**	15	<1.0
MW-48	10.17.12	NA	**190**	580	150	**1,700**	8.5	<1.0
MW-48	4.23.13	NA	**140**	<5.0	170	310	2.9	<1.0
MW-48	10.29.13	NA	**67**	<5.0	51	83	0.87	<1.0
MW-48	4.28.14	NA	9.2	<1.0	7.8	15	0.25	<1.0
MW-48	10.30.14	NA	**48**	<1.0	40	60	NA	NA
MW-48	5.7.15	NA	3.1	<1.0	3.8	5.6	NA	NA
MW-48	10.27.15	NA	**51**	<1.0	33	53	NA	NA
MW-48	4.28.16	NA	2.0	<1.0	1.9	2.9	NA	NA
MW-48	10.17.16	NA	**26**	<1.0	17	26	NA	NA
MW-49	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-49	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-49	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-49	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-49	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-49	10.20.16	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-50	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-50	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-50	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-50	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-50	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-50	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-51	4.18.12	NA	**1,200**	**3,600**	150	**1,400**	19	<1.0
MW-51	7.30.12	NA	**51**	5.5	17	78	1.3	<1.0
MW-51	10.16.12	NA	**14**	<1.0	4.8	21	0.16	<1.0
MW-51	4.23.13	NA	3.0	<1.0	1.5	<2.0	0.078	<1.0
MW-51	10.23.13	NA	8.2	<1.0	<1.0	<2.0	0.066	<1.0
MW-51	4.23.14	NA	1.1	<1.0	<1.0	<2.0	<0.050	<1.0
MW-51	10.28.14	NA	5.3	<1.0	<1.0	<2.0	NA	NA
MW-51	5.7.15	NA	2.3	<1.0	<1.0	<2.0	NA	NA
MW-51	10.29.15	NA	4.9	<1.0	<1.0	<2.0	NA	NA
MW-51	5.2.16	NA	1.7	<1.0	<1.0	<2.0	NA	NA
MW-51	10.19.16	NA	4.9	<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-52	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-52	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-52	10.17.12	27,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-52	4.23.13	NA	**30**	<1.0	<1.0	<2.0	0.11	<1.0
MW-52	10.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-52	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-52	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-52	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-52	10.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-52	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-52	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-53	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-53	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-53	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-53	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-53	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-53	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-53	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-53	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-53	10.17.16	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-54	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-54	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-54	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-54	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-54	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-54	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-54	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-54	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-54	10.20.16	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
MW-55	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-55	05.03.13	NA	<1.0	<1.0	13	**710**	1.3	<1.0
MW-55	10.29.13	NA	<1.0	<1.0	1.4	<2.0	<0.050	<1.0
MW-55	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-55	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-55	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-55	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-55	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-55	10.17.16	NA	<2.0	<2.0	<2.0	<4.0	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-75	01.29.13	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
MW-75	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-75	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-75	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-75	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-75	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-75	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-75	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-75	10.19.16	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
MW-76	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-76	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-76	10.28.14	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
MW-76	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-76	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-76	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-76	10.20.16	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
MW-77	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-77	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-77	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-77	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-77	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-77	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-77	10.20.16	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
MW-79	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-79	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-79	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-79	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-79	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-79	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-79	10.20.16	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
MW-80	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-80	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-80	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-80	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-80	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-80	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-80	10.20.16	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-83	6.3.13	14,500	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-83	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-83	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-83	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-83	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-83	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-83	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-83	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-88	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-88	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-88	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-88	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-88	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-89	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-89	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-89	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-89	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-89	10.13.16	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-90	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-90	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-90	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-90	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-90	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	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

NAPL = Non-aqueous phase liquid

* = piezometer well was replaced with associated monitoring well

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

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
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

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
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

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
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

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-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
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

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-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
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

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-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			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
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			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
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
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

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
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
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

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
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
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			

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
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
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
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

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-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
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
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
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
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

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-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
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
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
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
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
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

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-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
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

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

APPENDIX C

Laboratory Data Sheets & Chain of Custody Documentation

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

May 06, 2016

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.: 1605159

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 9 sample(s) on 5/4/2016 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 qualifers 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 79
Project: Largo CS
Collection Date: 5/2/2016 9:55:00 AM
Lab ID: 1605159-001
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 3:23:17 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 3:23:17 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 3:23:17 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 3:23:17 PM
Surr: 4-Bromofluorobenzene	113	87.9-146		%Rec	1	5/4/2016 3:23:17 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 80
Project: Largo CS
Collection Date: 5/2/2016 10:40:00 AM
Lab ID: 1605159-002
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 4:36:42 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 4:36:42 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 4:36:42 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 4:36:42 PM
Surr: 4-Bromofluorobenzene	113	87.9-146		%Rec	1	5/4/2016 4:36:42 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 52
Project: Largo CS
Collection Date: 5/2/2016 11:50:00 AM
Lab ID: 1605159-003
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 5:01:16 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 5:01:16 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 5:01:16 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 5:01:16 PM
Surr: 4-Bromofluorobenzene	111	87.9-146		%Rec	1	5/4/2016 5:01:16 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 51
Project: Largo CS
Collection Date: 5/2/2016 12:30:00 PM
Lab ID: 1605159-004
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1.7	1.0		µg/L	1	5/4/2016 5:25:54 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 5:25:54 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 5:25:54 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 5:25:54 PM
Surr: 4-Bromofluorobenzene	112	87.9-146		%Rec	1	5/4/2016 5:25:54 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 41
Project: Largo CS
Collection Date: 5/2/2016 1:05:00 PM
Lab ID: 1605159-005
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 5:50:24 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 5:50:24 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 5:50:24 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 5:50:24 PM
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	5/4/2016 5:50:24 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 37
Project: Largo CS
Collection Date: 5/2/2016 1:40:00 PM
Lab ID: 1605159-006
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	820	10		µg/L	10	5/4/2016 6:39:22 PM
Toluene	ND	10		µg/L	10	5/4/2016 6:39:22 PM
Ethylbenzene	180	10		µg/L	10	5/4/2016 6:39:22 PM
Xylenes, Total	510	20		µg/L	10	5/4/2016 6:39:22 PM
Surr: 4-Bromofluorobenzene	142	87.9-146		%Rec	10	5/4/2016 6:39:22 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 36
Project: Largo CS
Collection Date: 5/2/2016 2:10:00 PM
Lab ID: 1605159-007
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 7:28:05 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 7:28:05 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 7:28:05 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 7:28:05 PM
Surr: 4-Bromofluorobenzene	110	87.9-146		%Rec	1	5/4/2016 7:28:05 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 43
Project: Largo CS
Collection Date: 5/2/2016 2:40:00 PM
Lab ID: 1605159-008
Matrix: AQUEOUS
Received Date: 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 7:52:27 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 7:52:27 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 7:52:27 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 7:52:27 PM
Surr: 4-Bromofluorobenzene	106	87.9-146		%Rec	1	5/4/2016 7:52:27 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Client Sample ID:** MW 42
Project: Largo CS **Collection Date:** 5/2/2016 2:55:00 PM
Lab ID: 1605159-009 **Matrix:** AQUEOUS **Received Date:** 5/4/2016 7:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	5/4/2016 9:58:32 PM
Toluene	ND	1.0		µg/L	1	5/4/2016 9:58:32 PM
Ethylbenzene	ND	1.0		µg/L	1	5/4/2016 9:58:32 PM
Xylenes, Total	ND	2.0		µg/L	1	5/4/2016 9:58:32 PM
Surr: 4-Bromofluorobenzene	113	87.9-146		%Rec	1	5/4/2016 9:58:32 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#: **1605159**

06-May-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBW**	Batch ID:	**B33991**	RunNo:	**33991**					
Prep Date:		Analysis Date:	**5/4/2016**	SeqNo:	**1047362**	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	23		20.00		115	87.9	146			

Sample ID	**100NG BTEX LCS**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSW**	Batch ID:	**B33991**	RunNo:	**33991**					
Prep Date:		Analysis Date:	**5/4/2016**	SeqNo:	**1047363**	Units:	**µg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	92.7	80	120			
Toluene	20	1.0	20.00	0	98.9	80	120			
Ethylbenzene	20	1.0	20.00	0	99.4	80	120			
Xylenes, Total	61	2.0	60.00	0	101	80	120			
Surr: 4-Bromofluorobenzene	24		20.00		120	87.9	146			

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: 1605159 RcptNo: 1

Received by/date: 05/04/16

Logged By: Lindsay Mangin 5/4/2016 7:55:00 AM

Completed By: Lindsay Mangin 5/4/2016 1:59:32 PM

Reviewed By: 05/04/16

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: Aztec, N.M

Project Manager: K. Summers

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Apont

Sampler's Signature:

Proj. No.: 70304106 Groundwater

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 ____ of ____

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	5/3/16	9:55			MW 79			3					1605159-001
W		10:40			MW 80			3					-002
W		11:50			MW 52			3					-003
W		12:30			MW 51			3					-004
W		13:05			MW 41			3					-005
W		13:40			MW 37			3					-006
W		14:10			MW 36			3					-007
W		14:40			MW 43			3					-008
W		14:55			MW 42			3					-009

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

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5-3-16	801		5/3/16	801
	5/3/16	1940		05/04/16	0755

NOTES: Bill to Apex

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 04, 2016

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.: 1605011

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 15 sample(s) on 4/30/2016 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 qualifers 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 **1605011**
Date Reported: **5/4/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-55
Project: Largo CS
Collection Date: 4/28/2016 9:50:00 AM
Lab ID: 1605011-001
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/3/2016 12:05:41 AM	A33934
Toluene	ND	1.0		µg/L	1	5/3/2016 12:05:41 AM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/3/2016 12:05:41 AM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/3/2016 12:05:41 AM	A33934
Surr: 4-Bromofluorobenzene	111	87.9-146		%Rec	1	5/3/2016 12:05:41 AM	A33934

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.
Client Sample ID: MW-54
Project: Largo CS
Collection Date: 4/28/2016 10:25:00 AM
Lab ID: 1605011-002
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/3/2016 12:30:13 AM	A33934
Toluene	ND	1.0		µg/L	1	5/3/2016 12:30:13 AM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/3/2016 12:30:13 AM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/3/2016 12:30:13 AM	A33934
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	5/3/2016 12:30:13 AM	A33934

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.
Client Sample ID: MW-48
Project: Largo CS
Collection Date: 4/28/2016 11:00:00 AM
Lab ID: 1605011-003
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.0	1.0		µg/L	1	5/2/2016 5:08:33 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 5:08:33 PM	A33934
Ethylbenzene	1.9	1.0		µg/L	1	5/2/2016 5:08:33 PM	A33934
Xylenes, Total	2.9	2.0		µg/L	1	5/2/2016 5:08:33 PM	A33934
Surr: 4-Bromofluorobenzene	107	87.9-146		%Rec	1	5/2/2016 5:08:33 PM	A33934

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.
Client Sample ID: MW-49
Project: Largo CS
Collection Date: 4/28/2016 11:35:00 AM
Lab ID: 1605011-004
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 5:33:09 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 5:33:09 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 5:33:09 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 5:33:09 PM	A33934
Surr: 4-Bromofluorobenzene	105	87.9-146		%Rec	1	5/2/2016 5:33:09 PM	A33934

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.
Client Sample ID: MW-53
Project: Largo CS
Collection Date: 4/28/2016 12:00:00 PM
Lab ID: 1605011-005
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 5:57:48 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 5:57:48 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 5:57:48 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 5:57:48 PM	A33934
Surr: 4-Bromofluorobenzene	103	87.9-146		%Rec	1	5/2/2016 5:57:48 PM	A33934

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.
Client Sample ID: MW-40R
Project: Largo CS
Collection Date: 4/29/2016 1:00:00 PM
Lab ID: 1605011-006
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 6:22:23 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 6:22:23 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 6:22:23 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 6:22:23 PM	A33934
Surr: 4-Bromofluorobenzene	105	87.9-146		%Rec	1	5/2/2016 6:22:23 PM	A33934

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.
Client Sample ID: MW-50
Project: Largo CS
Collection Date: 4/28/2016 1:40:00 PM
Lab ID: 1605011-007
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 6:46:48 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 6:46:48 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 6:46:48 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 6:46:48 PM	A33934
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	5/2/2016 6:46:48 PM	A33934

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.
Client Sample ID: MW-39
Project: Largo CS
Collection Date: 4/28/2016 2:20:00 PM
Lab ID: 1605011-008
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	9.8	1.0		µg/L	1	5/2/2016 8:49:28 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 8:49:28 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 8:49:28 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 8:49:28 PM	A33934
Surr: 4-Bromofluorobenzene	112	87.9-146		%Rec	1	5/2/2016 8:49:28 PM	A33934

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.
Client Sample ID: MW-83
Project: Largo CS
Collection Date: 4/29/2016 9:55:00 AM
Lab ID: 1605011-009
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 9:14:02 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 9:14:02 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 9:14:02 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 9:14:02 PM	A33934
Surr: 4-Bromofluorobenzene	106	87.9-146		%Rec	1	5/2/2016 9:14:02 PM	A33934

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.
Client Sample ID: MW-76
Project: Largo CS
Collection Date: 4/29/2016 10:40:00 AM
Lab ID: 1605011-010
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 9:38:32 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 9:38:32 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 9:38:32 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 9:38:32 PM	A33934
Surr: 4-Bromofluorobenzene	110	87.9-146		%Rec	1	5/2/2016 9:38:32 PM	A33934

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.
Client Sample ID: MW-77
Project: Largo CS
Collection Date: 4/29/2016 11:25:00 AM
Lab ID: 1605011-011
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 10:02:54 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 10:02:54 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 10:02:54 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 10:02:54 PM	A33934
Surr: 4-Bromofluorobenzene	111	87.9-146		%Rec	1	5/2/2016 10:02:54 PM	A33934

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.
Client Sample ID: MW-34
Project: Largo CS
Collection Date: 4/29/2016 12:25:00 PM
Lab ID: 1605011-012
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 10:27:25 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 10:27:25 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 10:27:25 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 10:27:25 PM	A33934
Surr: 4-Bromofluorobenzene	107	87.9-146		%Rec	1	5/2/2016 10:27:25 PM	A33934

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.
Client Sample ID: MW-38
Project: Largo CS
Collection Date: 4/29/2016 1:00:00 PM
Lab ID: 1605011-013
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 10:51:53 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 10:51:53 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 10:51:53 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 10:51:53 PM	A33934
Surr: 4-Bromofluorobenzene	103	87.9-146		%Rec	1	5/2/2016 10:51:53 PM	A33934

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. **Client Sample ID:** MW-75
Project: Largo CS **Collection Date:** 4/29/2016 1:20:00 PM
Lab ID: 1605011-014 **Matrix:** AQUEOUS **Received Date:** 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 11:16:31 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 11:16:31 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 11:16:31 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 11:16:31 PM	A33934
Surr: 4-Bromofluorobenzene	105	87.9-146		%Rec	1	5/2/2016 11:16:31 PM	A33934

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.
Client Sample ID: MW-32
Project: Largo CS
Collection Date: 4/29/2016 2:00:00 PM
Lab ID: 1605011-015
Matrix: AQUEOUS
Received Date: 4/30/2016 8:03:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/2/2016 11:41:09 PM	A33934
Toluene	ND	1.0		µg/L	1	5/2/2016 11:41:09 PM	A33934
Ethylbenzene	ND	1.0		µg/L	1	5/2/2016 11:41:09 PM	A33934
Xylenes, Total	ND	2.0		µg/L	1	5/2/2016 11:41:09 PM	A33934
Surr: 4-Bromofluorobenzene	106	87.9-146		%Rec	1	5/2/2016 11:41:09 PM	A33934

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#: **1605011**

04-May-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **A33934**	RunNo: **33934**
Prep Date:	Analysis Date: **5/2/2016**	SeqNo: **1045478** 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	22		20.00		109	87.9	146			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **A33934**	RunNo: **33934**
Prep Date:	Analysis Date: **5/2/2016**	SeqNo: **1045479** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	94.3	80	120			
Toluene	20	1.0	20.00	0	98.8	80	120			
Ethylbenzene	20	1.0	20.00	0	99.2	80	120			
Xylenes, Total	60	2.0	60.00	0	101	80	120			
Surr: 4-Bromofluorobenzene	24		20.00		119	87.9	146			

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: 1605011 | RcptNo: 1

Received by/date: 04/30/16

Logged By: Lindsay Mangin 4/30/2016 8:03:00 AM

Completed By: Lindsay Mangin 5/2/2016 9:57:30 AM

Reviewed By: 05/02/16

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	3.8	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Project Manager: K. Summers

Laboratory: Hall Environmental

Address: Albuquerque, N.M

Contact: Andy Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Antonio

Sampler's Signature:

Proj. No.: 703041.0G000-004

Project Name: Largo CS

ANALYSIS REQUESTED: BTEX 8021

Lab use only
Due Date:

Temp. of coolers when received (C°): 3.8

1	2	3	4	5

Page 1 of 2

Matrix	Date	Time	Composite	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	4/28/16	9:50			MW 55			3					1605011-001
W	4/28/16	10:25			MW-54			3					-002
W	4/28/16	11:00			MW-48			3					-003
W	4/28/16	11:35			MW-49			3					-004
W	4/28/16	12:00			MW-53			3					-005
W	4/28/16	13:00			MW-40A			3					-006
W	4/28/16	13:40			MW-50			3					-007
W	4/28/16	14:20			MW 39			3					-008

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4/29/16	15:45		4/29/16	1545
	4-29-16	16:35		4/29/16	1635
	4/29/16	1740		04/30/16	0803
	Date:	Time:		Date:	Time:

NOTES: B:11 to Apex

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, N.M

Project Manager: L. Summers

Laboratory: Hall Environmental
Address: Albuquerque, N.M
Contact: Andy Freeman
Phone:
PO/SO #:

Sampler's Name: Chad D'Aponti
Sampler's Signature: [signature]

Proj. No.: 703041060002-004
Project Name: Largo CS

Lab use only
Due Date:
Temp. of coolers when received (C°): 3.8
1 | 2 | 3 | 4 | 5
Page 2 of 2

ANALYSIS REQUESTED: BTEX 8021

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	BTEX 8021	Lab Sample ID (Lab Use Only)
W	4/29/16	9:55			MW 83			3					↓	1605011-009
W	4/29/16	10:40			MW 76			3						-010
W	4/29/16	11:25			MW 77			3						-011
W	4/29/16	12:25			MW 34			3						-012
W	4/29/16	13:00			MW 38			3						-013
W	4/29/16	13:20			MW 75			3						-014
W	4/29/16	14:00			MW 30			3						-015

Turn around time ☑ Normal ❑ 25% Rush ❑ 50% Rush ❑ 100% Rush

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4-29-16	15:45	[signature]	4/29/16	1545
[signature]	4/29/16	1635	[signature]	4/29/16	1635
[signature]	4/29/16	1740	[signature]	04/30/16	0803

NOTES:

Matrix: WW - Wastewater W - Water S - Soil SD - Solid L - Liquid A - Air Bag C - Charcoal tube SL - sludge O - Oil
Container: VCA - 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 03, 2016

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.: 1604C49

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 12 sample(s) on 4/28/2016 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 qualifers 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: 1604C49

Lab ID: 1604C49-001 **Collection Date:** 4/26/2016 11:20:00 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	4/29/2016 12:44:14 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 12:44:14 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 12:44:14 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 12:44:14 PM	B33897
Surr: 4-Bromofluorobenzene	114	87.9-146		%Rec	1	4/29/2016 12:44:14 PM	B33897

Lab ID: 1604C49-002 **Collection Date:** 4/26/2016 12:15:00 PM
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	4/29/2016 1:57:46 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 1:57:46 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 1:57:46 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 1:57:46 PM	B33897
Surr: 4-Bromofluorobenzene	114	87.9-146		%Rec	1	4/29/2016 1:57:46 PM	B33897

Lab ID: 1604C49-003 **Collection Date:** 4/26/2016 12:55:00 PM
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	4/29/2016 2:22:19 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 2:22:19 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 2:22:19 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 2:22:19 PM	B33897
Surr: 4-Bromofluorobenzene	116	87.9-146		%Rec	1	4/29/2016 2:22:19 PM	B33897

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: 1604C49

Lab ID: 1604C49-004 **Collection Date:** 4/26/2016 1:45:00 PM
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	4/29/2016 2:46:56 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 2:46:56 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 2:46:56 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 2:46:56 PM	B33897
Surr: 4-Bromofluorobenzene	114	87.9-146		%Rec	1	4/29/2016 2:46:56 PM	B33897

Lab ID: 1604C49-005 **Collection Date:** 4/27/2016 9:30:00 AM
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	4/29/2016 3:11:38 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 3:11:38 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 3:11:38 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 3:11:38 PM	B33897
Surr: 4-Bromofluorobenzene	108	87.9-146		%Rec	1	4/29/2016 3:11:38 PM	B33897

Lab ID: 1604C49-006 **Collection Date:** 4/27/2016 10:10:00 AM
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	4/29/2016 3:36:21 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 3:36:21 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 3:36:21 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 3:36:21 PM	B33897
Surr: 4-Bromofluorobenzene	113	87.9-146		%Rec	1	4/29/2016 3:36:21 PM	B33897

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: 1604C49

Lab ID: 1604C49-007 **Collection Date:** 4/27/2016 10:50:00 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	4/29/2016 4:01:04 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 4:01:04 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 4:01:04 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 4:01:04 PM	B33897
Surr: 4-Bromofluorobenzene	108	87.9-146		%Rec	1	4/29/2016 4:01:04 PM	B33897

Lab ID: 1604C49-008 **Collection Date:** 4/27/2016 11:30:00 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	7.0	1.0		µg/L	1	4/29/2016 4:25:43 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 4:25:43 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 4:25:43 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 4:25:43 PM	B33897
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	4/29/2016 4:25:43 PM	B33897

Lab ID: 1604C49-009 **Collection Date:** 4/27/2016 12:25:00 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	6.5	1.0		µg/L	1	4/29/2016 4:50:18 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 4:50:18 PM	B33897
Ethylbenzene	1.1	1.0		µg/L	1	4/29/2016 4:50:18 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 4:50:18 PM	B33897
Surr: 4-Bromofluorobenzene	110	87.9-146		%Rec	1	4/29/2016 4:50:18 PM	B33897

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: 1604C49

Lab ID: 1604C49-010 **Collection Date:** 4/27/2016 1:10:00 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	4/29/2016 8:55:09 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 8:55:09 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 8:55:09 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 8:55:09 PM	B33897
Surr: 4-Bromofluorobenzene	108	87.9-146		%Rec	1	4/29/2016 8:55:09 PM	B33897

Lab ID: 1604C49-011 **Collection Date:** 4/27/2016 1:40:00 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	4/29/2016 9:19:41 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 9:19:41 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 9:19:41 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 9:19:41 PM	B33897
Surr: 4-Bromofluorobenzene	113	87.9-146		%Rec	1	4/29/2016 9:19:41 PM	B33897

Lab ID: 1604C49-012 **Collection Date:** 4/27/2016 2:10:00 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	4/29/2016 9:44:11 PM	B33897
Toluene	ND	1.0		µg/L	1	4/29/2016 9:44:11 PM	B33897
Ethylbenzene	ND	1.0		µg/L	1	4/29/2016 9:44:11 PM	B33897
Xylenes, Total	ND	2.0		µg/L	1	4/29/2016 9:44:11 PM	B33897
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	4/29/2016 9:44:11 PM	B33897

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#: **1604C49**

03-May-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B33897**	RunNo: **33897**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044032** 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	22		20.00		108	87.9	146			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B33897**	RunNo: **33897**
Prep Date:	Analysis Date: **4/29/2016**	SeqNo: **1044033** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	94.7	80	120			
Toluene	20	1.0	20.00	0	101	80	120			
Ethylbenzene	20	1.0	20.00	0	102	80	120			
Xylenes, Total	62	2.0	60.00	0	103	80	120			
Surr: 4-Bromofluorobenzene	25		20.00		123	87.9	146			

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: **1604C49** RcptNo: **1**

Received by/date: 04/28/16

Logged By: **Lindsay Mangin** **4/28/2016 7:00:00 AM**

Completed By: **Lindsay Mangin** **4/28/2016 1:36:45 PM**

Reviewed By: 04/28/16

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	1.8	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, N.M

Project Manager: K Summers

Laboratory: Hall Environmental

Address: Albuquerque N.M

Contact: Andy Freeman

Phone:

PO/SO #:

Sampler's Name: Chad Dittgenti

Sampler's Signature:

Proj. No.: 703041OG 003-004

Project Name: Largo CS

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.8

1 | 2 | 3 | 4 | 5

Page 1 of 2

ANALYSIS REQUESTED: BTEX 8021

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G 1 L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	4-26-16	11:20			mw-89			3					1604049-001
W	4-26-16	12:15			mw-90			3					-002
W	4-26-16	12:55			mw-88			3					-003
W	4-26-16	13:45			mw-8			3					-004
W	4-27-16	9:30			mw-14			3					-005
W	4-27-16	10:10			mw-15			3					-006
W	4-27-16	10:50			mw-3R			3					-007
W	4-27-16	11:30			mw-7			3					-008
W	4-27-16	12:05			mw-16			3					-009
W	4-27-16	13:10			mw-13			3					-010

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-27-16	15:40		4/27/16	1540
Matt Walter	4/27/16	1747		04/28/16	0700

NOTES: Bill to Apex

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 / Cr 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 Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Apert

Sampler's Signature:

Proj. No.: 703041060002-004

Project Name: Largo CS

Lab use only
Due Date:

Temp. of coolers when received (C°): 1-8

1	2	3	4	5

Page 2 of 2

ANALYSIS REQUESTED: BTEX 8021

Matrix	Date	Time	Container Type	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	4-22-16	13:40			mw-6			3					1604649-011
W	4-22-16	14:10			mw-9			3					-012

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-22-16	15:40		4/22/16	1540
Kristine Weber	4/22/16	1747		04/25/16	0700
	Date:	Time:		Date:	Time:
	Date:	Time:		Date:	Time:

NOTES: Bill to Apex

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

October 21, 2016

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.: 1610739

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 14 sample(s) on 10/15/2016 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 qualifers 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-90
Project: Largo CS
Collection Date: 10/13/2016 11:00:00 AM
Lab ID: 1610739-001 **Matrix:** AQUEOUS **Received Date:** 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/18/2016 7:54:13 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 7:54:13 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 7:54:13 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 7:54:13 PM
Surr: 1,2-Dichloroethane-d4	88.8	70-130		%Rec	1	10/18/2016 7:54:13 PM
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	10/18/2016 7:54:13 PM
Surr: Dibromofluoromethane	94.5	70-130		%Rec	1	10/18/2016 7:54:13 PM
Surr: Toluene-d8	100	70-130		%Rec	1	10/18/2016 7:54:13 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-89
Project: Largo CS
Collection Date: 10/13/2016 12:00:00 PM
Lab ID: 1610739-002
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/18/2016 9:20:23 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 9:20:23 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 9:20:23 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 9:20:23 PM
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	1	10/18/2016 9:20:23 PM
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/18/2016 9:20:23 PM
Surr: Dibromofluoromethane	93.0	70-130		%Rec	1	10/18/2016 9:20:23 PM
Surr: Toluene-d8	102	70-130		%Rec	1	10/18/2016 9:20:23 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-88
Project: Largo CS
Collection Date: 10/13/2016 12:45:00 PM
Lab ID: 1610739-003 **Matrix:** AQUEOUS **Received Date:** 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/18/2016 9:49:01 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 9:49:01 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 9:49:01 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 9:49:01 PM
Surr: 1,2-Dichloroethane-d4	92.4	70-130		%Rec	1	10/18/2016 9:49:01 PM
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/18/2016 9:49:01 PM
Surr: Dibromofluoromethane	94.6	70-130		%Rec	1	10/18/2016 9:49:01 PM
Surr: Toluene-d8	104	70-130		%Rec	1	10/18/2016 9:49:01 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-14
Project: Largo CS
Collection Date: 10/13/2016 1:30:00 PM
Lab ID: 1610739-004
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/18/2016 10:17:43 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 10:17:43 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 10:17:43 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 10:17:43 PM
Surr: 1,2-Dichloroethane-d4	93.8	70-130		%Rec	1	10/18/2016 10:17:43 PM
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	10/18/2016 10:17:43 PM
Surr: Dibromofluoromethane	93.2	70-130		%Rec	1	10/18/2016 10:17:43 PM
Surr: Toluene-d8	99.8	70-130		%Rec	1	10/18/2016 10:17:43 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc. **Client Sample ID:** MW-15
Project: Largo CS **Collection Date:** 10/13/2016 2:25:00 PM
Lab ID: 1610739-005 **Matrix:** AQUEOUS **Received Date:** 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	28	1.0		µg/L	1	10/18/2016 10:46:40 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 10:46:40 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 10:46:40 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 10:46:40 PM
Surr: 1,2-Dichloroethane-d4	97.2	70-130		%Rec	1	10/18/2016 10:46:40 PM
Surr: 4-Bromofluorobenzene	142	70-130	S	%Rec	1	10/18/2016 10:46:40 PM
Surr: Dibromofluoromethane	93.7	70-130		%Rec	1	10/18/2016 10:46:40 PM
Surr: Toluene-d8	106	70-130		%Rec	1	10/18/2016 10:46:40 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-8
Project: Largo CS
Collection Date: 10/13/2016 3:20:00 PM
Lab ID: 1610739-006
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/18/2016 11:15:19 PM
Toluene	ND	1.0		µg/L	1	10/18/2016 11:15:19 PM
Ethylbenzene	ND	1.0		µg/L	1	10/18/2016 11:15:19 PM
Xylenes, Total	ND	1.5		µg/L	1	10/18/2016 11:15:19 PM
Surr: 1,2-Dichloroethane-d4	94.5	70-130		%Rec	1	10/18/2016 11:15:19 PM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	10/18/2016 11:15:19 PM
Surr: Dibromofluoromethane	98.3	70-130		%Rec	1	10/18/2016 11:15:19 PM
Surr: Toluene-d8	103	70-130		%Rec	1	10/18/2016 11:15:19 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-50
Project: Largo CS
Collection Date: 10/14/2016 9:45:00 AM
Lab ID: 1610739-007
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 1:39:10 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 1:39:10 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 1:39:10 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 1:39:10 AM
Surr: 1,2-Dichloroethane-d4	97.8	70-130		%Rec	1	10/19/2016 1:39:10 AM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/19/2016 1:39:10 AM
Surr: Dibromofluoromethane	94.0	70-130		%Rec	1	10/19/2016 1:39:10 AM
Surr: Toluene-d8	98.8	70-130		%Rec	1	10/19/2016 1:39:10 AM

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.
Client Sample ID: MW-40R
Project: Largo CS
Collection Date: 10/14/2016 10:35:00 AM
Lab ID: 1610739-008
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 2:08:03 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 2:08:03 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 2:08:03 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 2:08:03 AM
Surr: 1,2-Dichloroethane-d4	96.6	70-130		%Rec	1	10/19/2016 2:08:03 AM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	10/19/2016 2:08:03 AM
Surr: Dibromofluoromethane	96.5	70-130		%Rec	1	10/19/2016 2:08:03 AM
Surr: Toluene-d8	104	70-130		%Rec	1	10/19/2016 2:08:03 AM

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.
Client Sample ID: MW-9
Project: Largo CS
Collection Date: 10/14/2016 11:20:00 AM
Lab ID: 1610739-009
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 2:36:51 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 2:36:51 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 2:36:51 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 2:36:51 AM
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	10/19/2016 2:36:51 AM
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	10/19/2016 2:36:51 AM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	10/19/2016 2:36:51 AM
Surr: Toluene-d8	102	70-130		%Rec	1	10/19/2016 2:36:51 AM

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.
Client Sample ID: MW-3R
Project: Largo CS
Collection Date: 10/14/2016 12:05:00 PM
Lab ID: 1610739-010
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	2.8	1.0		µg/L	1	10/19/2016 3:05:41 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 3:05:41 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 3:05:41 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 3:05:41 AM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	10/19/2016 3:05:41 AM
Surr: 4-Bromofluorobenzene	568	70-130	S	%Rec	1	10/19/2016 3:05:41 AM
Surr: Dibromofluoromethane	97.4	70-130		%Rec	1	10/19/2016 3:05:41 AM
Surr: Toluene-d8	103	70-130		%Rec	1	10/19/2016 3:05:41 AM

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.
Client Sample ID: MW-13
Project: Largo CS
Collection Date: 10/14/2016 12:50:00 PM
Lab ID: 1610739-011
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 3:34:22 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 3:34:22 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 3:34:22 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 3:34:22 AM
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%Rec	1	10/19/2016 3:34:22 AM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	10/19/2016 3:34:22 AM
Surr: Dibromofluoromethane	94.1	70-130		%Rec	1	10/19/2016 3:34:22 AM
Surr: Toluene-d8	105	70-130		%Rec	1	10/19/2016 3:34:22 AM

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.
Client Sample ID: MW-6
Project: Largo CS
Collection Date: 10/14/2016 1:35:00 PM
Lab ID: 1610739-012
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 4:03:00 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 4:03:00 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 4:03:00 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 4:03:00 AM
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	10/19/2016 4:03:00 AM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/19/2016 4:03:00 AM
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	10/19/2016 4:03:00 AM
Surr: Toluene-d8	104	70-130		%Rec	1	10/19/2016 4:03:00 AM

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. **Client Sample ID:** MW-16
Project: Largo CS **Collection Date:** 10/14/2016 2:15:00 PM
Lab ID: 1610739-013 **Matrix:** AQUEOUS **Received Date:** 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	ND	1.0		µg/L	1	10/19/2016 4:31:44 AM
Toluene	ND	1.0		µg/L	1	10/19/2016 4:31:44 AM
Ethylbenzene	ND	1.0		µg/L	1	10/19/2016 4:31:44 AM
Xylenes, Total	ND	1.5		µg/L	1	10/19/2016 4:31:44 AM
Surr: 1,2-Dichloroethane-d4	92.7	70-130		%Rec	1	10/19/2016 4:31:44 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	10/19/2016 4:31:44 AM
Surr: Dibromofluoromethane	96.4	70-130		%Rec	1	10/19/2016 4:31:44 AM
Surr: Toluene-d8	103	70-130		%Rec	1	10/19/2016 4:31:44 AM

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.
Client Sample ID: MW-7
Project: Largo CS
Collection Date: 10/14/2016 3:00:00 PM
Lab ID: 1610739-014
Matrix: AQUEOUS
Received Date: 10/15/2016 1:15:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **AG**
Benzene	500	10		µg/L	10	10/19/2016 12:37:11 PM
Toluene	ND	1.0		µg/L	1	10/19/2016 5:00:33 AM
Ethylbenzene	6.7	1.0		µg/L	1	10/19/2016 5:00:33 AM
Xylenes, Total	2.3	1.5		µg/L	1	10/19/2016 5:00:33 AM
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%Rec	1	10/19/2016 5:00:33 AM
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	1	10/19/2016 5:00:33 AM
Surr: Dibromofluoromethane	86.0	70-130		%Rec	1	10/19/2016 5:00:33 AM
Surr: Toluene-d8	101	70-130		%Rec	1	10/19/2016 5:00:33 AM

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#: **1610739**

21-Oct-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **S38037**	RunNo: **38037**
Prep Date:	Analysis Date: **10/18/2016**	SeqNo: **1185960** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	99.2	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.8		10.00		97.7	70	130			
Surr: Toluene-d8	11		10.00		106	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **S38037**	RunNo: **38037**
Prep Date:	Analysis Date: **10/18/2016**	SeqNo: **1185969** 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	9.9		10.00		98.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **L38060**	RunNo: **38060**
Prep Date:	Analysis Date: **10/19/2016**	SeqNo: **1187674** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.8	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	10		10.00		105	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **L38060**	RunNo: **38060**
Prep Date:	Analysis Date: **10/19/2016**	SeqNo: **1187675** 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	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1610739**

21-Oct-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **L38060**	RunNo: **38060**
Prep Date:	Analysis Date: **10/19/2016**	SeqNo: **1187675** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	10		10.00		100	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: **1610739** RcptNo: 1

Received by/date: 10/15/16

Logged By: **Lindsay Mangin** **10/15/2016 1:15:00 PM**

Completed By: **Lindsay Mangin** **10/15/2016 2:20:08 PM**

Reviewed By: 10/17/16

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	4.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Project Manager: K. Summers

Laboratory: Hall

Address: ABQ, NM

Contact:

Phone:

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°): 4, 4

1 | 2 | 3 | 4 | 5

Page 1 of 2

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	8021 BTEX	Lab Sample ID (Lab Use Only)
W	10/13/16	1100			MW-90								X	1610739-001
		1200			MW-89									-002
		1245			MW-88									-003
		1330			MW-14									-004
		1425			MW-15									-005
		1520			MW-8									-006
	10/14/16	0945			MW-50									-007
		1035			MW-402R									-008
		1120			MW-9									-009
		1205			MW-3R									-010

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

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/14/16	1700	Mattie Walter	10/14/16	1700
Mattie Walter	10/14/16	2014		10/15/16	1315
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: 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°): 4, 4

1 | 2 | 3 | 4 | 5

Page 2 of 2

Sampler's Name: Ranee Deechilly

Sampler's Signature:

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	10/14/16	1250			MW-13			3					1610739-011
		1335			MW-6								-012
		1415			MW-16								-013
		1500			MW-7								-014

NFS

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

	Date:	Time:		Date:	Time:
Relinquished by (Signature)	10/14/16	1700	Received by: (Signature)	10/14/16	1700
Relinquished by (Signature)	10/14/16	2014	Received by: (Signature)	10/15/16	1315
Relinquished by (Signature)			Received by: (Signature)		
Relinquished by (Signature)			Received by: (Signature)		

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 25, 2016

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.: 1610A94

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 13 sample(s) on 10/21/2016 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 qualifers 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.

Analytical Report
Lab Order **1610A94**
Date Reported: **10/25/2016**

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-51
Project: Largo CS
Collection Date: 10/19/2016 10:50:00 AM
Lab ID: 1610A94-001
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	4.9	1.0		µg/L	1	10/24/2016 11:38:57 AM
Toluene	ND	1.0		µg/L	1	10/24/2016 11:38:57 AM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 11:38:57 AM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 11:38:57 AM
Surr: 4-Bromofluorobenzene	106	87.9-146		%Rec	1	10/24/2016 11:38:57 AM

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.
Client Sample ID: MW-41
Project: Largo CS
Collection Date: 10/19/2016 11:25:00 AM
Lab ID: 1610A94-002
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 12:03:15 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 12:03:15 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 12:03:15 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 12:03:15 PM
Surr: 4-Bromofluorobenzene	103	87.9-146		%Rec	1	10/24/2016 12:03:15 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-32
Project: Largo CS
Collection Date: 10/19/2016 12:00:00 PM
Lab ID: 1610A94-003
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 12:27:43 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 12:27:43 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 12:27:43 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 12:27:43 PM
Surr: 4-Bromofluorobenzene	102	87.9-146		%Rec	1	10/24/2016 12:27:43 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-34
Project: Largo CS
Collection Date: 10/19/2016 12:40:00 PM
Lab ID: 1610A94-004
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 12:51:57 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 12:51:57 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 12:51:57 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 12:51:57 PM
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	10/24/2016 12:51:57 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-38
Project: Largo CS
Collection Date: 10/19/2016 1:20:00 PM
Lab ID: 1610A94-005
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 1:16:11 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 1:16:11 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 1:16:11 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 1:16:11 PM
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	10/24/2016 1:16:11 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-83
Project: Largo CS
Collection Date: 10/19/2016 2:00:00 PM
Lab ID: 1610A94-006
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 1:40:26 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 1:40:26 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 1:40:26 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 1:40:26 PM
Surr: 4-Bromofluorobenzene	98.8	87.9-146		%Rec	1	10/24/2016 1:40:26 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-75
Project: Largo CS
Collection Date: 10/19/2016 2:30:00 PM
Lab ID: 1610A94-007
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 2:04:40 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 2:04:40 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 2:04:40 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 2:04:40 PM
Surr: 4-Bromofluorobenzene	101	87.9-146		%Rec	1	10/24/2016 2:04:40 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-76
Project: Largo CS
Collection Date: 10/20/2016 10:20:00 AM
Lab ID: 1610A94-008
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 4:54:22 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 4:54:22 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 4:54:22 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 4:54:22 PM
Surr: 4-Bromofluorobenzene	109	87.9-146		%Rec	1	10/24/2016 4:54:22 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-77
Project: Largo CS
Collection Date: 10/20/2016 11:10:00 AM
Lab ID: 1610A94-009
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 5:18:36 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 5:18:36 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 5:18:36 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 5:18:36 PM
Surr: 4-Bromofluorobenzene	107	87.9-146		%Rec	1	10/24/2016 5:18:36 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-79
Project: Largo CS
Collection Date: 10/20/2016 11:50:00 AM
Lab ID: 1610A94-010
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 5:42:49 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 5:42:49 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 5:42:49 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 5:42:49 PM
Surr: 4-Bromofluorobenzene	99.1	87.9-146		%Rec	1	10/24/2016 5:42:49 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-80
Project: Largo CS
Collection Date: 10/20/2016 12:30:00 PM
Lab ID: 1610A94-011
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 6:07:06 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 6:07:06 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 6:07:06 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 6:07:06 PM
Surr: 4-Bromofluorobenzene	95.9	87.9-146		%Rec	1	10/24/2016 6:07:06 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-54
Project: Largo CS
Collection Date: 10/20/2016 1:20:00 PM
Lab ID: 1610A94-012
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.0	D	µg/L	2	10/24/2016 6:31:20 PM
Toluene	ND	2.0	D	µg/L	2	10/24/2016 6:31:20 PM
Ethylbenzene	ND	2.0	D	µg/L	2	10/24/2016 6:31:20 PM
Xylenes, Total	ND	4.0	D	µg/L	2	10/24/2016 6:31:20 PM
Surr: 4-Bromofluorobenzene	104	87.9-146	D	%Rec	2	10/24/2016 6:31:20 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-49
Project: Largo CS
Collection Date: 10/20/2016 2:00:00 PM
Lab ID: 1610A94-013
Matrix: AQUEOUS
Received Date: 10/21/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/24/2016 6:55:30 PM
Toluene	ND	1.0		µg/L	1	10/24/2016 6:55:30 PM
Ethylbenzene	ND	1.0		µg/L	1	10/24/2016 6:55:30 PM
Xylenes, Total	ND	2.0		µg/L	1	10/24/2016 6:55:30 PM
Surr: 4-Bromofluorobenzene	97.9	87.9-146		%Rec	1	10/24/2016 6:55:30 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#: **1610A94**

25-Oct-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBW**	Batch ID:	**B38157**	RunNo:	**38157**					
Prep Date:		Analysis Date:	**10/24/2016**	SeqNo:	**1191208**	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	22		20.00		112	87.9	146			

Sample ID	**100NG BTEX LCSB**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSW**	Batch ID:	**B38157**	RunNo:	**38157**					
Prep Date:		Analysis Date:	**10/24/2016**	SeqNo:	**1191209**	Units:	**µg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	88.0	80	120			
Toluene	18	1.0	20.00	0	88.3	80	120			
Ethylbenzene	17	1.0	20.00	0	85.5	80	120			
Xylenes, Total	55	2.0	60.00	0	91.6	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		108	87.9	146			

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: **1610A94** RcptNo: 1

Received by/date: LC 10/21/16

Logged By: **Lindsay Mangin** **10/21/2016 8:15:00 AM**

Completed By: **Lindsay Mangin** **10/21/2016 1:48:25 PM**

Reviewed By: JC 10/21/16

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	1.1	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec N.M

Project Manager: K. Summers

Laboratory: Hall Env
Address: ABQ N.M
Contact: A Freeman
Phone:
PO/SO #:

Lab use only
Due Date:
Temp. of coolers when received (C°): 1.1°c
1 | 2 | 3 | 4 | 5
Page 1 of 2

Sampler's Name: Chad DAponti
Sampler's Signature: [signature]

Proj. No.: 725040112154
Project Name: Largo Compress Station

ANALYSIS REQUESTED: BTEX 8021

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	BTEX 8021	Lab Sample ID (Lab Use Only)
W	10/19/16	10:50			MW-51			3						1610A94-001
		11:35			MW-41									-002
		12:00			MW-32									-003
		12:40			MW-34									-004
		1320			MW-38									-005
		1400			MW-83									-006
		1430			MW-75									-007
	10/20/16	10:20			MW-76									-008
		11:10			MW-77									-009
		11:50			MW-79									-010

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	10-20-16	1531	[signature]	10/20/16	1531
[signature]	10/20/16	2045	Lindsey Conoha	10/21/16	0815

NOTES: Bill to Apex Corp Lake

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:

Contact: A Freeman

Phone:

PO/SO #:

Sampler's Name: Chad D'Appolonia

Sampler's Signature:

Proj. No.

Project Name: Largo Compressor Station

No/Type of Containers

ANALYSIS REQUESTED: BTEX 8021

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.1 °C

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 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
W	10/20/16	12:30			MW-50			3					1610A94-011
W	"	13:20			MW-54			3					-012
W	"	14:00			MW-49			3					-013

w/ ES

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10-20-16	1531		10/20/16	1531
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/20/16	2014	Lindsey Conerly	10/21/16	0815
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES:

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

November 11, 2016

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.: 1611451

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/9/2016 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 qualifers 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 **1611451**
Date Reported: **11/11/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW 37
Project: Largo CS
Collection Date: 11/8/2016 1:30:00 PM
Lab ID: 1611451-001
Matrix: AQUEOUS
Received Date: 11/9/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	590	10		µg/L	10	11/10/2016 10:23:06 PM	B38599
Toluene	ND	10		µg/L	10	11/10/2016 10:23:06 PM	B38599
Ethylbenzene	340	10		µg/L	10	11/10/2016 10:23:06 PM	B38599
Xylenes, Total	1600	20		µg/L	10	11/10/2016 10:23:06 PM	B38599
Surr: 4-Bromofluorobenzene	139	87.9-146		%Rec	10	11/10/2016 10:23:06 PM	B38599

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#: **1611451**

11-Nov-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B38599**	RunNo: **38599**
Prep Date:	Analysis Date: **11/10/2016**	SeqNo: **1206214** 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	87.9	146			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B38599**	RunNo: **38599**
Prep Date:	Analysis Date: **11/10/2016**	SeqNo: **1206219** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	97.5	80	120			
Toluene	19	1.0	20.00	0	96.8	80	120			
Ethylbenzene	18	1.0	20.00	0	87.7	80	120			
Xylenes, Total	53	2.0	60.00	0	88.1	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		97.6	87.9	146			

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: 1611451 RcptNo: 1

Received by/date: JC 11/09/16

Logged By: Michelle Garcia 11/9/2016 8:00:00 AM Michelle Garcia

Completed By: Michelle Garcia 11/9/2016 9:27:05 AM Michelle Garcia

Reviewed By: IO 11/09/16

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 ☑ MJ 11/9/16
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	1.6	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 #:

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'Apondi

Sampler's Signature: [illegible]

Proj. No.: 725040113154

Project Name: Largo Compressor Station

ANALYSIS REQUESTED: BTEX (8021)

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	BTEX (8021)	Lab Sample ID (Lab Use Only)
W	11-8-16	1330			MW 37			3					1	1611451 - 001

NKS

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

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
[illegible]	11-8-16	1515	[illegible]	11/8/16	1515
[illegible]	11/8/16	1811	[illegible]	11/9/16	0800

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

October 21, 2016

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.: 1610921

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 7 sample(s) on 10/19/2016 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 qualifers 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-55
Project: Largo CS
Collection Date: 10/17/2016 11:00:00 AM
Lab ID: 1610921-001
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.0	D	µg/L	2	10/20/2016 1:09:55 PM
Toluene	ND	2.0	D	µg/L	2	10/20/2016 1:09:55 PM
Ethylbenzene	ND	2.0	D	µg/L	2	10/20/2016 1:09:55 PM
Xylenes, Total	ND	4.0	D	µg/L	2	10/20/2016 1:09:55 PM
Surr: 4-Bromofluorobenzene	99.1	87.9-146	D	%Rec	2	10/20/2016 1:09:55 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-48
Project: Largo CS
Collection Date: 10/17/2016 11:35:00 AM
Lab ID: 1610921-002
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	26	1.0		µg/L	1	10/20/2016 1:34:13 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 1:34:13 PM
Ethylbenzene	17	1.0		µg/L	1	10/20/2016 1:34:13 PM
Xylenes, Total	26	2.0		µg/L	1	10/20/2016 1:34:13 PM
Surr: 4-Bromofluorobenzene	111	87.9-146		%Rec	1	10/20/2016 1:34:13 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-53
Project: Largo CS
Collection Date: 10/17/2016 12:20:00 PM
Lab ID: 1610921-003
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/20/2016 1:58:34 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 1:58:34 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2016 1:58:34 PM
Xylenes, Total	ND	2.0		µg/L	1	10/20/2016 1:58:34 PM
Surr: 4-Bromofluorobenzene	99.9	87.9-146		%Rec	1	10/20/2016 1:58:34 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-39
Project: Largo CS
Collection Date: 10/17/2016 1:05:00 PM
Lab ID: 1610921-004
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	4.1	1.0		µg/L	1	10/20/2016 2:22:58 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 2:22:58 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2016 2:22:58 PM
Xylenes, Total	ND	2.0		µg/L	1	10/20/2016 2:22:58 PM
Surr: 4-Bromofluorobenzene	105	87.9-146		%Rec	1	10/20/2016 2:22:58 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-52
Project: Largo CS
Collection Date: 10/17/2016 1:40:00 PM
Lab ID: 1610921-005
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/20/2016 2:47:13 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 2:47:13 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2016 2:47:13 PM
Xylenes, Total	ND	2.0		µg/L	1	10/20/2016 2:47:13 PM
Surr: 4-Bromofluorobenzene	99.1	87.9-146		%Rec	1	10/20/2016 2:47:13 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-43
Project: Largo CS
Collection Date: 10/17/2016 2:20:00 PM
Lab ID: 1610921-006
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/20/2016 3:11:26 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 3:11:26 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2016 3:11:26 PM
Xylenes, Total	ND	2.0		µg/L	1	10/20/2016 3:11:26 PM
Surr: 4-Bromofluorobenzene	99.6	87.9-146		%Rec	1	10/20/2016 3:11:26 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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Apex Titan, Inc.
Client Sample ID: MW-36
Project: Largo CS
Collection Date: 10/17/2016 3:05:00 PM
Lab ID: 1610921-007
Matrix: AQUEOUS
Received Date: 10/19/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/20/2016 3:35:48 PM
Toluene	ND	1.0		µg/L	1	10/20/2016 3:35:48 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2016 3:35:48 PM
Xylenes, Total	ND	2.0		µg/L	1	10/20/2016 3:35:48 PM
Surr: 4-Bromofluorobenzene	100	87.9-146		%Rec	1	10/20/2016 3:35:48 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#: **1610921**

21-Oct-16

Client: Apex Titan, Inc.

Project: Largo CS

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B38106**	RunNo: **38106**
Prep Date:	Analysis Date: **10/20/2016**	SeqNo: **1188865** 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	21		20.00		106	87.9	146			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B38106**	RunNo: **38106**
Prep Date:	Analysis Date: **10/20/2016**	SeqNo: **1188866** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.3	80	120			
Toluene	19	1.0	20.00	0	92.8	80	120			
Ethylbenzene	18	1.0	20.00	0	92.2	80	120			
Xylenes, Total	60	2.0	60.00	0	100	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		102	87.9	146			

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: 1610921 | RcptNo: 1

Received by/date: LC 10/19/16

Logged By: **Michelle Garcia** 10/19/2016 8:00:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 10/19/2016 9:43:52 AM Michelle Garcia

Reviewed By: JC 10/19/16

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 ☑ MJ 10/19/16
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	1.6	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, N.M

Project Manager: K. Summers

Laboratory: Hall Env.

Address: ABQ N.M

Contact: A. Freeman

Phone:

PO/SO #:

Lab use only

Due Date:

Temp. of coolers when received (C°): 2.6-CF-1.0=1.6

Page 1 of 1

Sampler's Name: Chad DAponti

Sampler's Signature:

Proj. No.: 725040112154-1

Project Name: Largo Compressor Station

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	ANALYSIS REQUESTED: BTEX 8021	Lab Sample ID (Lab Use Only)
W	10/17/16	11:00			mw-55						3		BTEX 8021	1610921-001
W	10/17/16	11:35			mw-48						3		BTEX 8021	-002
W	10/17/16	12:20			mw-53						3		BTEX 8021	-003
W	10/17/16	13:05			mw-39						3		BTEX 8021	-004
W	10/17/16	13:40			mw-52						3		BTEX 8021	-005
W	10/17/16	14:20			mw-43						3		BTEX 8021	-006
W	10/17/16	15:05			mw-36						3		BTEX 8021	-007

NFS CD

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

Relinquished by (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10-18-16	1530		10/18/16	1530
	10/18/16	1920		10/19/16	0800

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