



**Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida
Preliminary Contamination Assessment Report**

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Executive Summary

On January 12, 2007, a request for assistance was received by the Florida Department of Environmental Protection's (FDEP) Site Investigation Section (SIS) from Bill Kutash, the FDEP Southwest District Office Waste Program Administrator. Earlier in 2006, the Hillsborough County Health Department (HCHD) notified the District office that water sampled from several private supply wells along Pritcher Road in Lithia, Florida contained arsenic and molybdenum at levels above regulatory drinking water standards. Lithia is located in extreme eastern Hillsborough and western Polk Counties, approximately six miles west-southwest of the city of Mulberry. Along the eastern extent of Lithia is the deactivated Nichols phosphate plant with associated property owned by the Mosaic Company. This facility, which manufactured sulfuric acid, phosphoric acid and mono and diammonium phosphate, was closed in 1998. The Department of Health requested FDEP's assistance in identifying the source(s) responsible for the elevated concentrations of arsenic and molybdenum and to investigate the area's hydrology. Mr. Kutash subsequently relayed this request to SIS.

Because the Lithia vicinity contains hundreds of private supply wells that serve the community's residents, SIS thought it prudent to promptly expand HCHD's initial sample area. Results from the SIS private well sampling events indicated that the distribution of arsenic in ground water was not limited in scope to the immediate proximity of Pritcher Road. Concentrations of arsenic above its Florida Primary Drinking Water Standard of 10 micrograms per Liter (ug/L) (Chapter 62-550, Florida Administrative Code) were also detected in supply wells located several thousand feet away from Pritcher Road to the east and northeast along County Line and Carey roads. The widespread area of elevated arsenic concentrations suggested that either several anthropogenic sources are present throughout the site or perhaps the area's aquifers are impacted by arsenic leaching from the aquifer matrix.

In order to respond to the District's request for assistance, SIS initiated a complex investigation that evaluated the area's hydrogeology and associated geochemistry. The hydrogeology was examined through a network of clustered deep monitor wells and an assemblage of surficial aquifer monitor wells that were installed to evaluate three different aquifers. These aquifers are tapped by area wells including the South Central Hillsborough Regional Well Field which withdraws up to 44 million gallons of water per day. The deep wells were spatially distributed throughout the site in locations where elevated levels of arsenic were known (DEP-2 and 3), at a location hydraulically down gradient of Thirty Mile Creek and the Mosaic Nichols facility (DEP-4), at a location central to the site (DEP-1) and a background location located north of the Alafia River in a Hillsborough County nature preserve that was previously a farm (DEP-5). The surficial aquifer monitor wells were installed at locations between the Mosaic settling ponds and Pritcher Road. Several different chemical parameters were sampled for and analyzed to characterize the nature and quality of ground water within the different ground water horizons screened by the SIS installed monitor wells. The collection of samples from over 100 private supply wells was also included in this assessment. Dr. Thomas Pichler participated in the design and implementation of the geochemical portion of the study and provided analyses of the collected data. Other geochemists familiar with the geochemical aspects pertaining to arsenic, including Dr. Carol Stein, participated by providing review and scrutiny of the assessment's results. Key findings of this study include:

- With respect to depth, the lithologic profile encountered at the Pritcher Road site is consistent. From land surface to about 40 feet below land surface (BLS), undifferentiated Holocene and/or Pliocene age sands are present. Below this interval is the Peace River Formation, a Pliocene / Miocene aged stratum that is composed of interbedded quartz sands, phosphate, clays and carbonates. Within the Peace River Formation is the Bone Valley Member, a rich phosphatic lithologic interval. Below the Bone Valley is phosphatic grey lime mud that contains abundant mud rock

fragments; this interval transitions into a tan lime mud with chert and fossiliferous limestone amid thin intervals of quartz sand and green marine clay. The lower extent of this lithology is part of the Tampa Member of the Arcadia Formation. The Tampa Member extends to approximately 230 feet BLS across the site where it comes in contact with the Oligocene aged Suwannee Limestone, a geologic unit comprised of lime mud, lime sands and limestone.

- In the subsurface sediments, arsenic is elevated at three different depths and at each of these depths, it is associated with different elements. At around 30 feet BLS, only arsenic and iron were elevated, while in the vicinity of 150 feet BLS, only arsenic and molybdenum were elevated; near 200 feet BLS, only arsenic, iron and sulfur were elevated.
- A surficial aquifer system is present in the study area and is typically encountered from five to 30 feet BLS. This aquifer is unconfined and is a subdued reflection of the land's surface topography. Below the surficial aquifer is a confined Intermediate aquifer system which occurs within the relatively thin, discontinuous limestone (dolomite) beds and sands (including chert) of the Hawthorn Group. These saturated sediments are encountered from approximately 50 to 175 feet BLS within the study site. The shallowest monitor well in each of the installed DEP clusters (interval approximately 143 to 173 feet BLS) screens these sediments that house the Intermediate aquifer's basal extent. The differences in hydraulic head measured between clustered surficial and Intermediate aquifer monitor wells likely reflect the pumping influence of the South Central Hillsborough Regional Well Field drawing down the Intermediate aquifer. Despite differences observed in seasonal hydraulic head measurements within the network of Intermediate wells (nearly 15 feet), the shape of the depressed ground water surface across the site due to pumping remained rather consistent. Flow within the Intermediate aquifer is generally west across the study area until its interaction with the well field. Once beyond the field's pumping

influence, ground water within this aquifer continues its westerly flow direction. At each SIS cluster location, the deepest three monitor wells screen the Floridan aquifer, which is under confined artesian conditions. The shallowest well of these three is set in the Tampa Member of the Hawthorn Group's Arcadia Formation (late Miocene/early Oligocene) which in this area comprises the top of the Floridan aquifer. Each cluster's two deepest wells intercept the Suwannee Limestone. A comparison of hydraulic heads between clustered monitor wells set in the Intermediate and Floridan aquifers shows that the Intermediate aquifer well typically has a higher hydraulic head than its clustered Floridan aquifer monitor well counterpart. This confirms the presence of a downward recharge potential. Ground water flow within the Floridan aquifer across the study site is from the northeast towards the southwest. Although the Floridan aquifer in this area is utilized by the South Central Hillsborough Regional Well Field (with pumping wells extending to 900 feet BLS), the hydraulic gradient across the site remains consistent with a slightly depressed ground water surface which is contrary to that of the Intermediate aquifer. Pneumatic slug test results indicate varied hydraulic conductivity values across the site within comparable portions of the aquifer matrix. Conductivity values of monitor and supply wells range from 1.6 to 42.8 feet per day. This diverse range may be linked to the amount of marl or other fine sediments present within a well's open-hole or screened interval or perhaps the presence of nearby fractures (in potentially different stages of dissolution) within the carbonate strata.

- Ground water analytical results from supply well samples indicate that water quality encountered within the Floridan and Intermediate aquifers across the site generally falls within expected norms except for infrequent outliers and elevated concentrations of arsenic and molybdenum. The average open-hole interval of these arsenic laden wells with known completion details is from 135 to 212 feet BLS (generally tapping the Intermediate aquifer). Over half of the supply wells sampled by SIS were

reported to be laboratory nondetect for arsenic. Molybdenum was identified in concentrations exceeding the Florida Department of Health's Health Advisory Level of 100 ug/L in several supply well samples collected throughout the Pritcher Road site (30 out of 102). Several more wells had concentrations of molybdenum that surpassed the metal's Minimum Criteria (35 ug/L) as defined in Chapter 62-777, Florida Administrative Code. Supply well samples demonstrating elevated concentrations of molybdenum also had relatively high levels of arsenic.

Stable isotope and tritium values for those private wells with elevated arsenic and molybdenum fall into the same range as the shallow monitor wells which suggests that rapid infiltration of younger ground water is likely since the ages between waters collected from the very shallow wells (approximately 30 feet BLS) is basically the same age as those for samples collected from depths of around 150 feet to 170 feet BLS, while samples collected from intervals just 30 feet deeper are much older. Ground water movement and mixing of different ground waters probably provide the largest impacts on the stability of pyrite and powellite. The Tampa Bay Water South Central Hillsborough Regional Well Field, which withdrawals 24.1 to 44.6 million gallons of water per day, provides the most impact to area aquifers and associated ground water movement. Local agricultural irrigation wells, especially during times of freeze protection, and private supply wells working collectively, also pump large amounts of water from area aquifers.

- As in the case of the supply well samples, ground water analytical results from deep monitor well samples indicate that water quality encountered within the Floridan and Intermediate aquifers across the site is usually within expected norms except for infrequent outliers and elevated concentrations of arsenic and molybdenum. Concentrations of arsenic exceeding the metal's Primary Standard of 10 ug/L were observed in monitor wells from all clusters excluding DEP-5. The distribution of arsenic's more elevated concentrations within the different screened intervals with

respect to depth was not consistent. Arsenic levels above the Primary Standard were reported in samples from four of the five FDEP monitor wells that evaluate the Intermediate aquifer's basal extent, two of the monitor wells that span the top of the Floridan aquifer and two of the monitor wells that span the next interval assessing the Floridan aquifer. None of the deepest FDEP monitor wells set in the Floridan aquifer contained arsenic above its Primary Standard. Arsenic levels reported in SIS monitor well samples above the Primary Standard ranged from 11.2 to 188 ug/L. The distribution of elevated concentrations of molybdenum was similar to that of arsenic, that is, elevated levels of molybdenum (up to a maximum of 5050 ug/L) were observed in monitor wells from all clusters excluding DEP-5. The distribution of the elevated concentrations of molybdenum within the different screened intervals with depth was not consistent although the highest concentrations were reported in wells monitoring the Intermediate aquifer. Considering that DEP-5 undergoes the same water level fluctuations as the other four monitor well clusters, it becomes evident that in the Pritcher Road area, complex geological, hydrological and physicochemical conditions occur, which promote the release of molybdenum and arsenic.

- Where conditions are oxidizing (oxidation reduction potentials (ORPs) are generally greater than +100 millivolts (mV)) and iron is present as hydrous ferric oxide (HFO), aqueous arsenic concentrations are low due to sorption of arsenate and/or arsenite onto the HFO surface. At extremely low redox conditions (ORPs are generally less than -300 mV) and in the presence of hydrogen sulfide (HS^-), aqueous arsenic concentrations are low due to the formation of solid-phase sulfides. In between these two redox extremes, around $\text{ORP} = -150$ to -200 mV, neither HFO nor sulfides are stable, and aqueous arsenic concentrations are elevated.

Samples from the shallowest intervals from DEP-2 and DEP-3, which are highest in arsenic and molybdenum, do in fact have the highest ORP measurements measured in deep monitor wells. In the case of DEP-5 (which appears to have

mineralogy very similar to DEP-1 and DEP-2), the ORP values are considerably lower in the screened intervals which suggests that the mineralogy is correct for elevated arsenic/molybdenum values in ground water but the redox conditions are not.

- A review of the results from samples collected from the network of SIS installed surficial aquifer monitor wells indicate that the bulk of atypical results were associated with wells positioned adjacent to the Mosaic settling ponds including exceedances for aluminum, iron, manganese, sodium, and sulfate. Concentrations reported present in surficial aquifer monitor well samples for the other analytes including antimony, arsenic, and molybdenum, were unremarkable.

Based on the findings of this investigation, it is concluded that the ultimate source of arsenic and molybdenum in ground water is likely the sulfides found in the carbonate bedrock units. Hence the origin of the arsenic and molybdenum is not anthropogenic. The bulk of the solid-phase arsenic appears to be associated with iron, either in pyrite or sorbed onto HFO within the aquifer matrix primarily housing the Intermediate aquifer. The source of the molybdenum is not as clearly understood. Powellite (one of only a handful of relatively common molybdenum minerals), was discovered by Dr. Pichler in two of the site's lithologic core samples; powellite by association also contains arsenic in significant concentrations. However, because the presence of powellite in cores examined during this study was not widespread, it is likely that this mineral represents a fraction of the total arsenic present when compared to the mass of arsenic originating from arsenian pyrite. And if pyrite is the source of arsenic in this system, it is possible that it may also be the ultimate source of molybdenum as well, with powellite being formed as a secondary mineral by the alteration of arsenic and molybdenum-bearing pyrite in a carbonate matrix (Stein, 2010). Pyrite has previously been reported to contain molybdenum in Hawthorn Group carbonates.

In summary, a combination of conditions is responsible for the elevated concentrations of arsenic and molybdenum in ground water in the Pritcher Road area of Lithia. Arsenic and molybdenum are present naturally and most likely originate in the sulfides found in the carbonate bedrock units that house the aquifers tapped by local residents. Usually these metals are stable within the rock matrix and do not leach into the ground water. However, due to a mechanism(s) yet to be fully understood but likely attributable to ground water movement / mixing associated with pumping activities, ORP values within the tapped aquifers which should be under very reducing conditions, are altered so that they fall between two redox extremes where neither HFO nor sulfides are stable. This in turn allows arsenic to leach into the ground water and eventually affect area supply wells. The reason for this ORP value shift is likely represented by several circumstances caused by ground water movement / mixing since ORP is reflective of a combination of the effects from all dissolved species in the ground water.

The mechanism(s) responsible for leaching of molybdenum into ground water are less clear but may involve either disequilibrium with respect to pyrite and/or powellite, or reductive dissolution of HFO and release of sorbed molybdenum.

SIS recommends that a more comprehensive study of the local and regional hydrogeology in the Lithia area be performed. In particular, continuously recording pressure transducers should be installed in the DEP wells and in selected (high arsenic and molybdenum) residential wells so that both short- and long-term fluctuations in area aquifers can be monitored. The production of a regional ground water flow model (particle track or otherwise) is advocated. The modeling of ground water flow in conjunction with the well field pumping, with emphasis on the third dimension, is critical since vertical mixing is a key component. This may be difficult to represent without a substantial, focused effort and collection of additional data. Further examination of lithologic cores from the site is warranted including detailed petrographic work, electron microprobe analyses, and possibly analysis by x-ray absorption spectroscopy, in order to

resolve the source(s) of molybdenum in this system. Batch or column experiments with core material containing powellite and/or pyrite should be considered. These experiments would entail flushing core samples with water having different dissolved oxygen and ORP characteristics and analyzing the effluent for arsenic, molybdenum, and other trace metals. It is recommended that pyrites from the Lithia cores be re-analyzed by electron microprobe with a detection limit of at least 0.02% for molybdenum because if pyrite is the source of arsenic in this system, it may also be the primary source of molybdenum with the powellite being formed as a secondary alteration product.

Given that the hydrogeology and geochemistry observed at the Lithia site are ubiquitous in much of this State, the observed scenarios are likely replicating themselves at other locations in Florida, or have the potential to do so in the future in areas experiencing rapid development. Since Florida's prosperity is dependent upon its access to clean drinking water, additional knowledge to better understand the mechanisms responsible for the release of arsenic, molybdenum, and other potentially toxic metals in normally very stable geochemical environments is imperative.

1.0 Introduction

On January 12, 2007, a request for assistance was received by the Florida Department of Environmental Protection's (FDEP) Site Investigation Section (SIS) from Bill Kutash, the FDEP Southwest District Office Waste Program Administrator ([Appendix A](#)). Earlier in 2006, the Hillsborough County Health Department notified the District office that samples collected from several private potable supply wells in Lithia, Florida contained arsenic and molybdenum at levels above regulatory drinking water standards. The Department of Health requested FDEP's assistance in identifying the source(s) responsible for the elevated concentrations of these metals and to investigate the area's hydrogeology. Mr. Kutash subsequently relayed this request to SIS. The results of the SIS environmental study are provided herein.

2.0 Background

2.1 Site Description

The unincorporated community of Lithia, Florida is located in extreme eastern Hillsborough and western Polk Counties, approximately six miles west-southwest of the city of Mulberry. The Lithia study area lies mostly within Sections 11, 12, 13, 14, 15, 23 and 24 of Township 30 South, Range 22 East and Sections 7, 18 and 19 of Township 30 South, Range 23 East. The site's approximate center is located near the intersection of Pritcher and Nichols roads ([Figures 1 and 2](#)) at longitude 82° 04' 18" West and latitude 27° 52' 35" North. The northern boundary of the study area is generally defined by the North Prong of the Alafia River; CSX railroad tracks border the site's southern and western extents. Single family homes on large tracts typify the area; some of the larger acreages have small farms or orange groves ([Photograph 1](#)).

Along the eastern extent of the study area is the deactivated Nichols phosphate

plant with associated property owned by the Mosaic Company ([Figure 2](#); [Photograph 2](#)). This facility, which manufactured sulfuric acid, phosphoric acid and mono and diammonium phosphate, was closed in 1998. During its period of operation, the Nichols plant manufactured 300,000 tons of phosphoric acid annually with approximately 1.5 million tons of phosphogypsum created as a byproduct of the industrial process. The phosphogypsum was slurried with hot acidic process water and then pumped to an onsite disposal area where it was deposited creating a phosphogypsum stack. The stack is equipped with a two-stage liming/acidulation treatment system used to treat process pond water prior to being discharged into Thirty Mile Creek. The site also includes a 50-acre lined process-water cooling pond. Other onsite activities included shipping, processing material, electric cogeneration, phosphogypsum storage, raw materials storage, and waste water storage (FDEP, 2008). Later in this report, historical environmental monitoring data associated with the Mosaic Nichols plant will be presented and discussed.

The Lithia community depends on private supply wells and septic tank systems for its water and sewage disposal needs. A typical supply well is four-inches in diameter, approximately 150 to 400 feet deep with water drawn by a submersible pump from the Floridan and Intermediate aquifer systems ([Photograph 3](#)). Southwest Florida Water Management District (SWFWMD) records provide construction details for many of the area wells ([Table 1](#)). There are hundreds of additional supply wells present in the area that have no drilling records because they were likely installed prior to the water management district's keeping of records.

Along the southwestern periphery of the study area are several deep production wells that were installed by the Tampa Bay Water Authority, a special district created by interlocal agreements to supply wholesale water to approximately 2.5 million people who reside in Hillsborough, Pasco and Pinellas counties ([Figure 2](#)). The Tampa Bay Water South Central Hillsborough Regional Well Field consists of seventeen production wells (SC-1 through SC-17) that were designed to produce average and maximum withdrawals

from the Floridan aquifer of 24.1 to 44.6 million gallons of water per day, respectively (Geraghty & Miller, 1988). The production wells located closest to the site, including SC-13 through SC-17, withdraw water from an interval approximately 200 to 900 feet below land surface (BLS) (Table 2 and Photograph 4). When the wells are on-line, they each produce approximately 1.6 to 3.5 million gallons of water per day (Tampa Bay Water Authority, 2007). The water produced from this well field is not provided locally but to communities sited several miles away.

In 2006, as part of its permit renewal process, the Tampa Bay Water Authority had hydrogeologic modeling performed to define the extent of drawdown by the well field on area aquifers. The model evaluated a scenario consisting of pumpage at a rate of 33 million gallons per day for a 91 day time period. Drawdown contours from this model are presented in Figure 3. Included in this assessment was an evaluation of water withdrawals associated with frost/freeze protection activities from nearby agricultural interests. This protection pumping results in abrupt declines in ground water levels that previously have been documented to be as much as seventeen feet in the Dover area located southwest of Plant City (SWFWMD, 1990). The permitted maximum withdrawal for crop protection by local agricultural interests within the model's five foot draw down area approaches 140 million gallons per day. As a result of the drawdowns associated with the well field, the Tampa Bay Water Authority paid for the replacement or deepening of numerous private supply wells that either went dry or produced ground water intermittently after the well field went online. Several of these wells are located within the study area.

More recently, during an eleven day cold snap that affected the area during January 2010, farmers in Hillsborough and Polk counties pumped nearly one billion gallons of water per day causing 85 reported sinkholes in the region and about 700 complaints of dried up wells. Water levels dropped 60 feet in the Dover area (St. Petersburg Times, 2010).

Historically, the impact by development including mining, agriculture and public supply on the Floridan and Intermediate aquifers has been notable (SWFWMD, 2002). [Figures 4 and 5](#) present the drop in the Upper Floridan aquifer's potentiometric surface in the study area and southwest Florida as a whole since the 1930s (SWFWMD, 2002). The ground water surface for both aquifers prior to development across the Pritcher Road site was approximately 90 feet above the National Geodetic Vertical Datum (NGVD, 1929) (Johnson, 1980). Presently the surface of these aquifers is about 35 to 40 feet lower in the Floridan aquifer and 30 feet less within the Intermediate aquifer.

2.2 Site History

In March 2006, the FDEP Southwest District Office was notified that potable well sampling performed by the Hillsborough County Health Department (HCHD) identified several private wells contaminated with arsenic at concentrations exceeding this element's Primary Standard of 10 micrograms per Liter (ug/L) ([Figure 6 and Table 3](#)). The Health Department's sampling was in response to the recent reduction of arsenic's standard from 50 ug/L to 10 ug/L.

Chapter 62-777, Florida Administrative Code (FAC) (February 2005), Table 1 lists Ground Water Cleanup Target Levels (GCTLs) that were developed for contaminated sites in Florida. A GCTL classified in Table 1 as either a Primary or Secondary standard, corresponds to that analyte's drinking water standard previously established in Chapter 62-550, FAC. Primary standards are defined as such because they are health-based; arsenic has been identified as a carcinogen. Secondary Standards are based on organoleptic concerns such as taste and odor or aesthetic concerns. For some of the secondary standard analytes, however, Table A of FAC Chapter 62-785 (April 2005) does provide supplemental ground water cleanup target levels that are health-based.

The metal molybdenum, a systemic toxicant, was also identified by HCHD at elevated concentrations in well water samples. Molybdenum does not have a Primary

Standard but has a GCTL level of 35 ug/L (FAC Chapter 62-777, 2005). In 2007, the Florida Department of Health (FDOH) assigned molybdenum a Health Advisory Level (HAL) of 100 ug/L. A HAL is developed when a chemical that has no regulatory drinking water standard is found in drinking water. The HAL concentration in drinking water is a value that, based on the available data, is virtually certain not to cause adverse human health effects if consumed over a lifetime (FDOH, 2009).

The highest levels of arsenic were initially identified in samples collected from drinking water wells that serve the Steppin Stone School (8421 Pritcher Road) and the Bryant Mobile Home Park (8601 Pritcher Road) (Figure 6). These parcels are located along the northern extent of Pritcher Road. The Steppin Stone School has three wells located on its campus; two were used for drinking water and the other for irrigation. The school's tennis court well sample contained arsenic at a level of 26.2 ug/L during a February 2006 test event; the volleyball court well sample contained arsenic at a concentration of 160 ug/L. The school's irrigation well sample contained very little arsenic (0.166 ug/L). The two wells with elevated concentrations of arsenic in water are reportedly 180 feet in depth; the irrigation well producing water with little arsenic is said to be 100 feet deeper. The school's water supply has since been plumbed to its irrigation well. Water from the Bryant Mobile Home Park well contained arsenic at a concentration of 134 ug/L during the March 2006 sampling event; its depth is unknown. The Hillsborough County Health Department has since sampled several other residential supply wells in the immediate area. Concentrations of arsenic in those wells ranged from 0.09 ug/L to 344 ug/L.

Molybdenum was present at elevated levels in many samples collected by the HCHD including the tennis court supply well sample (1100 ug/L), the volleyball supply well sample (2600 ug/L) and the Bryant Mobile Home Park well sample (1400 ug/L) (Table 3).

Homes served by wells with concentrations of arsenic and/or molybdenum above

regulatory standards have been connected to reverse osmosis filters or provided with bottled water by the FDEP Water Restoration Program.

On January 12, 2007, SIS received a request for assistance from the FDEP Southwest District Office to perform an environmental assessment of the Pritcher Road area and to identify source area(s) responsible for the elevated concentrations of “contamination”.

2.3 Properties of Arsenic and Molybdenum

Most of the arsenic in the environment is derived from its mobilization from sediments/rocks under natural conditions as well as from anthropogenic activities including smelting and fossil-fuel combustion products, phosphate fertilizers and pesticides, herbicides and crop desiccants, cattle dip vats, as an additive to animal feed and as an agent to prompt the early ripening of grapefruit (Hall, 1988). It has been reported that continued use of arsenical pesticides has resulted in elevated concentrations in orchard soils (Ure and Berrow, 1982).

The chemistry of arsenic follows closely that of sulfur and hence the greatest natural concentrations of arsenic tend to occur in sulfide-bearing minerals of which arsenopyrite (FeAsS) and pyrite (FeS_2) are the most common and abundant. In the latter, arsenic can replace sulfur in the crystal structure. In addition to the contribution from ore minerals, the formation of pyrite under low-temperature sedimentary environments within zones of intense reduction plays a significant role in the geochemical cycling of arsenic (Smedley and Kinniburgh, 2001). Under oxic conditions, pyrite is not stable and undergoes oxidation to iron oxides, resulting in the release of sulfate and other trace metals including arsenic.

Very high concentrations of arsenic, as high as 1000 milligrams per kilogram (mg/Kg) in phosphate minerals, have been reported (summarized in Smedley and Kinniburgh, 2001). Phosphate minerals occur in many parts of Florida. In addition,

Price et al. (2006) reported arsenic concentrations as high as 54 mg/Kg in cores collected from the Suwannee Limestone (which contains trace amounts of pyrite) in Southwest Florida. Pyrite containing noteworthy concentrations of arsenic have been reported from the Ocala Limestone and the Avon Park Formation, as well (Fischler and Arthur, 2008).

Molybdenum is a naturally occurring element that comprises approximately 0.0015% of the earth's crust (Chappell, 1975). It can exist in the valence states +2 through +6 and occurs in mineral deposits mainly as molybdenite (MoS_2) and also as powellite (CaOMoO_3) and wulfenite or lead molybdate (PbMoO_4). Molybdenum also occurs in minerals containing iron, bismuth, or copper and may be associated with coal or uranium deposits. In Florida, molybdenum has been found in pyrite present in Hawthorn Group, Suwannee Limestone, Ocala Limestone and Avon Park Formation carbonates (Fischler, 2011).

Molybdenum is a component in alloys used in filaments, X-ray tubes, screens, grids for radios, spark plugs, contacts, induction heating elements, and metal spray applications. Molybdenum compounds are present in lubricants, printing inks, lacquers, paints, rubbers, leathers, and fertilizers, and are also used extensively in the petroleum industry (Stokinger, 1981). Natural sources of molybdenum to the aquatic environment include the weathering of ores from igneous and sedimentary rocks (especially shale) and subsequent runoff to streams and lakes. Molybdenum may also enter the aquatic environment through leaching processes near molybdenum mines and burning of fossil fuels (Phillips and Russo, 1978). An important anthropogenic source of molybdenum to aquatic systems is the use of fertilizers containing molybdenum (McNeely et al., 1979).

When this study was initiated in early 2007, arsenic was the only contaminant of concern that had an exceedance of its Primary Drinking Water Standard. Although molybdenum remained an element of interest at this site, the arsenic in ground water issue necessitated more consideration.

3.0 SIS Investigation

3.1 Scope of Field Work

Because the Lithia area contains hundreds of private supply wells that serve the community's residents, SIS thought it prudent to promptly expand the initial HCHD's sample area. As earlier mentioned, the Southwest Florida Water Management District was able to provide SIS construction details for several area supply wells. Using this information, SIS targeted select wells that would provide geochemical data from not only across the site, but from discrete intervals with respect to depth. It was anticipated that this analytical data would offer a three dimensional understanding as to the distribution of arsenic in ground water within the Lithia area.

Results from SIS' expanded private well sampling indicated that the distribution of arsenic in ground water was not limited in scope to the immediate proximity of Pritcher Road. Concentrations of arsenic above its Primary Standard were also detected in supply wells located several thousand feet away from Pritcher Road to the east and northeast along County Line and Carey roads (Figure 6). This widespread area of elevated arsenic concentrations suggests that there are either several anthropogenic sources in existence or that the geochemistry of the area's aquifer, which may contain naturally occurring arsenic within its lithologic matrix, has been altered by anthropogenic activities thereby releasing arsenic from the rock into the ground water.

In order to examine these scenarios, SIS consulted Dr. Thomas Pichler, a scientist intimately familiar with arsenic and the geochemistry of Florida to design an authoritative study. This assessment involved several phases including the sampling of several private supply wells for a variety of analytes, the installation and subsequent sampling of several deep monitor well clusters, the examination and analyses of lithologic cores from the deep borings and the dating of ground water to evaluate the rate of ground water recharge into the underlying aquifers.

3.2 SIS Supply Well Sampling (Phase I)

On April 30, 2007, SIS initiated field activities at the Pritcher Road site. SIS targeted several supply wells with known construction details and some of the wells previously reported by HCHD to contain elevated concentrations of arsenic ([Figure 6 and Table 4](#)). The HCHD sampled wells were resampled by SIS so that ground water parameters previously not measured, including pH, specific conductivity, dissolved oxygen, turbidity and oxidation reduction potential (ORP), could be ascertained. SIS collected samples for several analytes in addition to arsenic and molybdenum. By comparing results from the different analyses performed, SIS hoped to gain additional insight into the geochemistry of the subsurface tapped by area wells. The FDEP Central Laboratory performed the following tests on SIS collected water samples: alkalinity (EPA Method 310.1), metals including iron, manganese, sodium, barium, cadmium, aluminum (EPA Method 6010), metals including arsenic, molybdenum, lead, chromium, thallium, selenium, (EPA Method 6020), ammonia (EPA Method 350.1), nitrate-nitrite (NO₂NO₃) (EPA Method 353.2), total phosphorus (EPA Method 365.4), total dissolved solids (EPA Method 415.1) and chlorides (EPA Method 300.0). In addition, private laboratories working under contract with FDEP analyzed samples for sulfides (EPA Method 376.2) and the radionuclides alpha (EPA Method 900.0), radium 226 and radium 228 (EPA Method 903.1). Due to budget and laboratory scheduling constraints, only twenty-three of the sixty-seven supply wells sampled during this phase were tested for radium 226/228.

Samples were collected from these wells by SIS utilizing methodology outlined in the FDEP Standard Operating Procedures Manual (FS 2200 and 2300, March 2008). The water samples were collected and preserved if necessary, chilled with ice, and then delivered under chain-of-custody to the FDEP Central Laboratory.

Water sample laboratory results are presented in Section 5.0 of this report.

3.3 SIS Supply Well Sampling (Phase II)

Analytical results from the SIS Phase I sampling event indicated that the extent of arsenic present in area supply wells extended beyond the Pritcher Road area. A supply well located approximately 3600 feet east-southeast of the Steppin Stone School, at 8312 Bob Wiggs Avenue, was reported to contain arsenic at a concentration of 42.4 ug/L. Because of this result, SIS thought it prudent to expand upon the original area of concern and sample twenty-five additional supply wells east of those sampled in Phase I (Figure 6 and Table 4). This sample event occurred during the week of June 26, 2007. The same analytes sampled for in Phase I were targeted except radium 226, radium 228 and alpha. Analytical results from the Phase I sample event indicated that the reported concentrations associated with these compounds did not present a concern.

No additional wells were sampled south of Nichols Road. Analytical results of supply wells sampled from this southern area were reported to have lower concentrations of arsenic and molybdenum compared to levels identified in supply wells north of Nichols Road. Many of the southern wells that were sampled were replacement or redrilled wells resultant of the lowering of the ground water surface from pumpage by the Tampa Bay Water Authority's South Central Hillsborough Regional Well Field. As a result, the wells in this part of the site are generally deeper and withdraw ground water from a lower zone than do some of the shallower supply wells exhibiting arsenic impact. Results are further discussed in Section 4.0 of this report.

3.4 Geochemistry Study

Due to the apparent widespread but irregular distribution of arsenic in ground water across such a large site area, it was conjectured by SIS that the arsenic may be of natural origin and present in the aquifer matrix. There are only a few commercial / industrial enterprises of note in the Lithia vicinity including the deactivated Nichols phosphate plant, Rawlins Tropical Fish Farm and Central Maintenance and Welding

(Figure 2). It was considered highly unlikely that these facilities were responsible for several square miles of arsenic contamination in ground water because no classic ground water contamination plumes, normally associated with point source pollution sites, were evident based on supply well sample results. In several instances, supply wells with similar construction details located adjacent to one another demonstrated significantly different impacts by arsenic.

Generally arsenic in this environment is stable and does not leach into the ground water, but will do so when a change in physicochemical conditions occurs (Jones and Pichler, 2007; Lazareva and Pichler, 2007; Price and Pichler, 2006). Accepting that pyrite, which is common in the area's geology, is the source of arsenic, four scenarios were considered to explain the high concentrations present. Each of these scenarios involves a change of hydraulic conditions resulting from anthropogenic activities within the Lithia area, causing a more rapid introduction of shallow ground water into the deeper Intermediate and Upper Floridan aquifers where most of the impacted supply wells are screened.

Scenario A: The removal of clays during the phosphate mining process east of the Lithia area, which is hydraulically upgradient of the site, has allowed water with different geochemical characteristics from the surface/surficial aquifer to penetrate into the lower aquifers.

Scenario B: Water containing elevated levels of phosphate from the phosphogypsum processes associated with the former Mosaic phosphate plant has infiltrated into the surficial aquifer or has drained into Thirty Mile Creek which straddles the upgradient extent of the site. If arsenic is present with iron hydroxides within the shallow subsurface, then this arsenic could be released from the iron hydroxide surface due to desorption by, or exchange with, dissolved phosphate. The creek may be a surface reflection of a fracture system that allows the drainage of surface water with different geochemical characteristics to migrate quickly into the lower aquifers.

Scenario C: The extensive pumping from the Tampa Bay Water Authority well field which is located on the western portion of the site, pumpage from nearby agricultural interests and the collective withdrawal of water by private wells has significantly altered the difference in hydraulic head between the surficial, Intermediate and the underlying Floridan aquifers providing more potential for water to migrate downward from shallow intervals into the aquifers tapped by area wells.

Scenario D: Combination of one or more of the scenarios from above.

Due to the geochemical complexities associated with these possible situations, SIS contracted Dr. Thomas Pichler, an environmental geochemist widely known for his expertise regarding arsenic, to design an authoritative study. To test the aforementioned hypotheses, Dr. Pichler's collaborative investigation with SIS involved several aspects including a detailed mineralogical and chemical investigation of the aquifer matrix in the Lithia area, the determination of the physico-chemical conditions of the native ground water and the evaluation of a natural versus anthropogenic source(s) for the arsenic.

Building on his findings from earlier studies of the Hawthorn Group and the Suwannee Limestone, Dr. Pichler's examination focused initially on arsenic, pyrite and other key elements such as antimony and molybdenum. The geochemical study consisted of several distinct tasks including core descriptions, the collection of sample materials, the chemical analyses of core samples and data interpretation, the collection and analyses of ground water and the installation of monitor well clusters to evaluate discrete portions of the existing aquifers. In addition, a combination of physicochemical measurements (pH, dissolved oxygen, specific conductance, ORP, etc.) in conjunction with oxygen and hydrogen stable isotopic data, radioactive tritium isotopic data and data for redox couples (sulfate/sulfide, arsenate/arsenite) were also employed to test if the infiltration of shallow ground water or surface water was involved in the release of arsenic from pyrite.

There were several phases associated with this geochemical study including:

Part 1: Forty existing supply wells were sampled or resampled by SIS during the week of December 3, 2007, to characterize the geochemistry of the aquifers tapped by these supply wells and investigate the distribution of arsenic, antimony and molybdenum utilizing EPA Method 6020 (Table 4). In addition, the FDEP Central Laboratory also analyzed SIS collected samples for other major anions and cations including fluoride (EPA Method 340.2), chloride (EPA Method 300.0), nitrate-nitrite (EPA Method 353.2), sulfide (EPA Method 376.2), sulfate (EPA Method 300.0), total phosphorus (EPA Method 365.4), alkalinity (EPA Method 310.1), sodium, magnesium, potassium, calcium, strontium, iron (EPA Method 6010) and silica (EPA Method 200.7). Analysis was also performed on collected samples for bromide by an overflow laboratory working under contract to FDEP. Additionally, samples were sent to the University of California at Davis Department of Geology Stable Isotope Laboratory for the isotopic analyses of $\delta^{18}\text{O}$ (oxygen) and δD (deuterium-hydrogen). Ratios of these isotopes in comparison to an isotopic water standard allow deductions to be made regarding local hydrological processes, including ground water-surface water interactions (Connected Water, 2009). Lastly, the University of South Florida Center for Water and Environmental Analyses performed arsenic speciation (arsenite [As(III)] and arsenate [As(V)]) on the samples. Concentrations of sulfide in well water samples were also measured in the field utilizing a Hach Spectrophotometer Model 2700.

Part 2: Five monitor well clusters (designated DEP-1 through DEP-5) were installed within the study area to evaluate ground water quality within the Intermediate and Floridan aquifer systems (Figure 7 and Photograph 5). The wells were spatially distributed throughout the site in locations where elevated levels of arsenic were known (DEP-2 and 3), at a location hydraulically down gradient of Thirty Mile Creek and the Mosaic Nichols facility (DEP-4), at a location central to the site (DEP-1) and a background location located north of the Alafia River in a Hillsborough County nature preserve that was previously a farm (DEP-5). The well clusters were completed in a two-

step process. First, a continuous core was collected utilizing roto sonic drilling technology at each monitor well cluster location followed by a detailed lithologic examination. The drilling was performed by a contractor working under the supervision of SIS staff. Four monitor wells were then installed at each coring site with the differing screened intervals of each well set based on that respective core's visual inspection. An attempt was made to vertically distribute the screen intervals equally at a cluster location to insure coverage in respect to depth (Table 5). This process assured that the monitor wells screened depths of geological, hydrogeological and stratigraphic importance.

The monitor wells were constructed of two-inch diameter flush joined, PVC schedule 40 casing with 20 feet of 0.010-inch machine slotted screen sections. A filter pack of 20/30 (U.S. Standard Sieve) silica sand was emplaced around and three feet above the screened interval of each well. An interval of bentonite chips was then added to isolate the sand interval from the open borehole. The remaining annular space was then grouted via tremie pipe from bottom to top with neat cement. After cement maturation, the monitor wells were developed by pumping with a submersible pump until the purge water was clear and free of sediment. All wells are protected from damage and vandalism by flush-to-grade steel well vaults set in two-foot by two-foot concrete pads with locking well caps. The nomenclature used to assign well names is based on what cluster the well is associated with followed by the screen interval depth relative to ground surface: DEP-2 (256-276'), for example.

All derived wastes were placed into a 26,000 gallon settling tank and stored until analyses were performed to determine the nature of the material. Upon completion of analyses, the wastes were properly disposed of by a licensed waste handler.

Dr. Pichler and his staff provided detailed descriptions of the deep cores collected from the DEP-1 and DEP-2 locations to delineate the presence of arsenic bearing minerals (pyrite, for example) in the aquifer matrix. This also included the chemical analyses of several core samples for aluminum, antimony, iron, sulfur, silica, calcium,

magnesium, molybdenum, phosphorus and strontium and the preparation of core thin sections for electron microprobe analyses of mineral phases to determine arsenic, molybdenum and antimony concentrations. Sampling was to consist of a two-step process including the collection of samples at specific intervals from collected cores and the collection of samples from areas potentially higher in arsenic, including obvious fracture zones, framboidal pyrite, iron-oxyhydroxide coatings on limestone/dolostone grains, and high porosity zones containing molds, fractures and various other dissolution features. Unfortunately, this proved difficult because the high energy associated with rotosonic coring did not preserve any structural features, such as bedding planes or fractures. Consequently, core samples were analyzed from regular intervals with limited regard to lithology. Later when monitor well sample data became available, it was thought prudent to submit additional samples from the DEP-5 core for analyses. Ground water data from this well cluster proved dissimilar to data reported from the other SIS monitor well clusters. The bulk chemical data was interpreted following the method developed by Lazareva and Pichler (2007) and Price and Pichler (2006) to assess the importance of pyrite as a source of arsenic in Lithia ground water.

To obtain a detailed chemical composition for selected minerals (particularly pyrite), thin sections were analyzed by electron microprobe analyses (EMPA). The electron microprobe is an instrument used for spot chemical analysis of solid-state materials at the micron level. A mineral can be analyzed at a scale of a few microns or less. This allows the detection of small compositional variations within an individual crystal, pyrite for example, which could not be observed by bulk chemical analysis.

While evaluating the chemical data, it was thought prudent to analyze a subset of the core samples for percent total carbon and total inorganic carbon in solid matrices. Soil and sediments contain a large variety of organic materials that have important characteristics including their ability to form water soluble and water insoluble complexes with metal ions and hydrous oxides, interact with clay minerals, bind particles

together and sorb and desorb both naturally occurring and anthropogenically introduced organic compounds (Schumacher, 2002). The analyzed core samples were from intervals screened by the SIS monitor well network. This analysis was initially performed by a laboratory working under contract with FDEP, however, the laboratory encountered difficulties preparing the samples due to the presence of carbonates. As a consequence, the validity of the reported results was questionable. Later, personnel from the FDEP Central Laboratory were able to prepare the samples utilizing a more refined methodology (DEP SOP: NU-076-1) and successfully analyzed the samples.

Part 3: The five monitor well clusters were sampled four (May 2008), eight (June 2008), sixteen (October 2008) and 48 weeks (April 2009) after well completion ([Photograph 6](#)). This sampling schedule strategy was implemented to identify the temporal variation that may occur as a consequence of seasonal cycles, changes in well field pumping schedules and geochemical alterations caused by the monitor well installation process itself. Ground water and water quality control samples were collected according to FDEP Standard Operating Procedure FS 2200. A variable speed submersible pump was utilized to quiescently purge and sample all Floridan aquifer monitor wells. Prior to the sampling of each well, the temperature, specific conductivity, pH, dissolved oxygen levels, ORP and turbidity of the purged ground water were monitored with calibrated water quality meters. All samples were preserved with the proper reagent, stored on ice, and delivered under chain-of-custody to the FDEP Central Laboratory. Analyses were performed on the water samples to identify concentrations of arsenic and molybdenum. In addition to these analytes, the FDEP Central Laboratory also analyzed SIS collected samples for other major anions and cations including fluoride, chloride, nitrate-nitrite, sulfate, biphosphate, alkalinity, sodium, magnesium, potassium, calcium, silica, strontium and iron. The methodologies utilized matched those previously listed in Part 1 of this geochemical study. In addition, aluminum, cadmium, chromium, copper, nickel, selenium, vanadium and zinc were added to the list of EPA

Method 6020 metals to be considered. An overflow laboratory working under contract with FDEP analyzed samples for bromide. This analysis was not performed during the later events because bromide was not detected in any of the supply and monitor well samples. The University of California at Davis Department of Geology Stable Isotope Laboratory performed isotopic analyses of the monitor well samples for $\delta^{18}\text{O}$ and δD . In addition, the University of South Florida Center for Water and Environmental Analyses analyzed the samples for arsenic speciation (arsenite and arsenate) and performed field measurements for sulfide utilizing a Hach Spectrophotometer Model 2700.

During the June 2008 sample event, surface water samples were also collected for the same analyses as those of the ground water suite. Surface water samples were collected from the Alafia River at the Keysville Highway Bridge and Thirty Mile Creek at Nichols Road Bridge.

Part 4: The network of SIS installed monitor wells and twenty of the forty supply wells sampled during Part 1 were selected for tritium/helium dating with neon correction. The dating of ground water in the Lithia area was performed to further define the extent of recharge occurring within the site's different aquifers. This sample event was performed between April 20 and 23, 2009 ([Photograph 6](#)). In addition, isotopic analyses for $\delta^{18}\text{O}$ and δD were also performed on the monitor and supply well samples.

Tritium (T) is a radioactive isotope of hydrogen (having two neutrons and one proton) with a half-life of 12.4 years. Tritium concentrations are measured in tritium units (TU) where 1 TU is defined as the presence of one tritium atom in 10^{18} atoms of hydrogen. In the earth, small amounts of natural tritium are produced by alpha decay of lithium-7. Natural atmospheric tritium is also generated by secondary neutron cosmic ray bombardment of nitrogen, which then decays to carbon-12 and tritium. Tritium atoms then combine with oxygen, forming water that subsequently falls as precipitation. Prior to atmospheric nuclear bomb testing in the 1950s, tritium's natural average concentrations ranged from approximately 2 to 8 TU. Approximately 1.13×10^9 TU were

added into the northern hemisphere from atmospheric nuclear bomb testing with the largest tritium concentrations peaking in 1963. Because ground water tritium concentrations reflect atmospheric tritium levels when the water was last in contact with the atmosphere, tritium can be used to date ground water recharge. In the period of three half-lives (1963 to 2000), tritium concentrations in the atmosphere have been reduced by a factor of 8. With no further atmospheric nuclear weapons testing, tritium will continue to drop to near natural background levels. Therefore, usage of tritium for age dating ground water recharge is approaching an expiration date. Tritium decays to ^3He (helium) by beta particle emission and knowing this decay rate allows for a more accurate shallow ground water recharge age. $\text{T}/^3\text{He}$ ratios are useful for ground water ages ranging from several months to about 30 years (but no further out than about 50 years). $\text{T}/^3\text{He}$ ratios have an error of one to three years (Motzer, 2009).

Part 5: In order to evaluate the potential of phosphate bearing waters from the Mosaic facility causing the release of arsenic from iron hydroxides in the shallow subsurface, eight temporary monitor wells were installed into the surficial aquifer during the week of April 20, 2009 at locations between the Mosaic settling ponds and Pritcher Road (designated Surficial MW-1 through Surficial MW-8) (Figure 7). The monitor wells were installed by advancing 2-inch inside diameter probe rods with an expendable point into the substrate using the SIS direct push rig. A 10-foot section of prepacked 0.010 inch slotted screen coupled with $\frac{3}{4}$ -inch inside diameter PVC schedule 40 casing was then inserted through the probe rods. The monitor well's filter pack consisted of sand with a sieve size of 80/120. When the probe rods were withdrawn, the monitor well was left in place. Upon completion of all assessment activities, the wells were properly abandoned.

The surficial aquifer monitor wells were sampled according to FDEP Standard Operating Procedure FS 2200. A variable speed peristaltic pump was utilized to quiescently purge and sample the monitor wells. Ground water samples were analyzed

for the same analytes earlier collected for in Part 3 (suite of inorganic analytes) and Part 4 (tritium / $\delta^{18}\text{O}$ and δD) of the geochemistry study.

Laboratory results are presented in Section 5.0 of this report.

3.5 Ground Water Level Measurements and Top-of-Casing Survey

During the course of this investigation, several sets of water level measurements were collected from the SIS installed monitor well network (Table 6). The ground water levels in the monitor wells were measured using an electronic water level indicator from a mark established by a professionally performed top-of-casing elevation survey. This survey referenced all the monitor well elevations to the National Geodetic Vertical Datum (NGVD, 1929). The measured water levels were then subtracted from the top-of-casing elevations to obtain ground water elevations in reference to NGVD. These elevations were then modeled with Golden Graphics software to create graphical depictions of the ground water surface in both the Intermediate and Floridan aquifers. Water level data provided by the Tampa Bay Water Authority from its South Central Hillsborough Regional Well Field monitor well network were also incorporated into the study. This allowed the ground water surfaces associated with the area aquifers to be evaluated on a much larger scale in the Lithia area. Construction details for the South Central Hillsborough Regional Well Field monitor wells are presented in Table 7. A detailed discussion regarding the water level measurement data is presented in Section 4.0 of this report.

3.6 Mosaic Field and Laboratory Data

Mosaic, as part of its FDEP permit requirements (Permit Number FL0030139), monitors the quality of ground water below its facility. To do this, a monitor well network currently comprised of fourteen monitor wells is in place. During the tenure of

this facility, several monitor wells have been either moved or replaced due to site activities ([Table 8](#)). The network evaluates the surficial, Intermediate and Floridan aquifers and is sampled for a variety of analytes which are presented and further discussed in Section 5.0 of this report.

3.7 Private Supply Well Inspections

Five private supply wells demonstrating impact by arsenic in the study area were inspected with additional detail by SIS. The wells selected for testing were spatially distributed across the site on properties located at 8506 Pritcher Road, 7911 Carey Road, 8312 Bob Wiggs Road, 8602 Rockn T Ranch Road and 8710 County Line Road. The detailed examination entailed the removal of the supply well's pump and associated piping by a contracted well service company. With the borehole open, SIS ascertained both the total depth of the well and the depth of its surface casing. The borehole's entire length was then inspected with a down-hole camera. Lastly, a pneumatic slug test was performed to determine aquifer characteristics associated with each well's open-hole interval. These activities are further discussed in the following sections and are displayed in [Photograph 7](#).

3.8 Natural Gamma Logging

SIS electronically logged the deep monitor wells and the five inspected supply wells at the Pritcher Road site with a geophysical gamma radiation tool. This was done to ascertain additional information regarding the site's geological composition. Gamma logging quantifies naturally occurring gamma radiation which is measured in counts per second. Clays and fine sediments absorb the heavy radioactive elements more readily, and therefore, generally emit higher levels of gamma radiation than sands and carbonates. Phosphate is relatively high in radiation and is recognizable as a Bone Valley gamma marker. SIS utilized its logging van to collect the gamma signatures.

3.9 Down-Hole Camera

A Geovision down-hole camera was utilized by SIS to examine the borehole of the five inspected private supply wells. The camera was used to evaluate the casing integrity of each well and to identify the presence of any anomalies present within the open borehole.

3.10 Pneumatic Slug Testing

SIS performed pneumatic slug tests on all monitor and the inspected supply wells to ascertain aquifer hydraulic conductivity values. A slug test is a means of estimating the hydraulic conductivity of an aquifer by determining how quickly the aquifer responds to a stress. Hydraulic conductivity is defined as the rate water can move through a permeable median. In the case of a pneumatic test, air pressure is utilized to depress an aquifer's hydraulic head within a well. Following stabilization, the pressure is then released and the time it takes the aquifer to reach its original head measurement is then timed. The time it takes the aquifer to reestablish its original head is directly related to its hydraulic conductivity. Slug test analysis software was utilized to calculate hydraulic conductivity values (Geoprobe, 2002). Results are further discussed in Section 4.0 of this report.

3.11 GPS Location of Sample Points

Sample collection points were located utilizing Trimble™ GeoXT Global Positioning System (GPS) units. All GPS locations were differentially corrected with a WAAS (Wide Area Augmentation System) signal. The locational data was utilized to position sample points in the figures presented in this report.

4.0 Site Conditions

4.1 Geomorphology, Topography and Drainage

The Lithia community is located in the Polk Upland Physiographic region of the Mid-Peninsular Geomorphologic Province of Florida (White, 1970). The ground surface within this area generally has elevations between 50 and 110 feet NGVD. The Bone Valley Formation underlies most of the Polk Upland and much of the adjacent DeSoto Plain to the south. Its siliciclastic composition has contributed to the Polk Upland's topographic character. The effects of dissolution are not as intense in this region as they are generally throughout peninsular Florida. As a direct consequence, surface streams and rivers including the Peace, Manatee, Little Manatee and Alafia, all form headwaters within the Polk Upland and have widely branching tributaries (White, 1970).

The areas representing the lowest elevations within the study site include the North Prong of the Alafia River, Thirty Mile Creek and the unnamed creeks that empty into these surface water bodies.

The Alafia River which flows into Tampa Bay is 25 miles long, with a watershed of 335 square miles in Hillsborough County. The watershed contains ten named lakes and ponds and 29 named rivers, streams and canals. During the rainy season, excess water is pumped into the C.W. Bill Young Regional Reservoir, which opened in 2005 (Marks, 1974).

One of the streams that flows into the Alafia River is Thirty Mile Creek. The headwaters of the creek are at the confluence of Guy Branch, George Allen Creek and an unnamed tributary. Other tributaries that flow into Thirty Mile Creek include Beulah Branch and three unnamed tributaries. Thirty Mile Creek is approximately 2.7 miles long and occupies a drainage area of approximately 6.5 square-miles (Marks, 1974).

In May 2007, the FDEP Division of Resource Assessment and Management Biology Section issued an assessment of Thirty Mile Creek (FDEP Biology Section,

2007). Data from the inspection indicated that effluent metals, total phosphorus, total nitrogen, total alpha, radium 226/228 and fluoride complied with Class III Water Quality criteria. Effluent algal growth potential (AGP) levels were above the “problem” threshold with site level nutrients ranking in the 90th to 95th percentile when compared with levels typical of Florida streams. Earlier, in a May 2004 FDEP Secretarial Order, the stream was verified impaired by nutrients and dissolved oxygen and was included on the Verified List of Impaired Waters for the Tampa Bay Tributaries Basin. The test sites were set to evaluate discharges of non-process and treated process wastewater from the Mosaic Company’s Nichols facility.

4.2 Regional Geology and Hydrogeology

Geologic units in the study area include carbonate and clastic deposits of Eocene to Holocene age. These include in order of deposition: the Eocene age Avon Park Formation and Ocala Limestone, the Oligocene age Suwannee Limestone, clastics and limestones of the Miocene aged Arcadia and Peace River Formations of the Hawthorn Group and the clastic lithologies of Pliocene, Pleistocene and Holocene age. Recently the Hawthorn Group has been interpreted to include late Oligocene aged sediments as well (USGS, 2006).

The ground water flow system in this portion of Florida is comprised of three vertically sequenced aquifer systems including the surficial aquifer system, the Intermediate aquifer system and the Floridan aquifer system (SWFWMD, 2002).

The surficial aquifer occurs in Pliocene and Pleistocene age sediments that consist of unconsolidated to poorly indurated clastic deposits (Stewart, 1966). The base of the surficial aquifer system is defined by the first persistent beds of Miocene or Pliocene age sediments containing a substantial increase in clay or silt (USGS, 2006).

The Intermediate aquifer occurs within the relatively thin, discontinuous limestone beds and sands of the Hawthorn Group. The Hawthorn, however, is

predominantly composed of mostly clayey, poorly producing sediments and thus serves primarily as an upper confining unit for the Floridan aquifer. Use of the Intermediate aquifer is restricted to small capacity domestic supply and irrigation wells.

According to regional Intermediate aquifer potentiometric surface maps, the study area is positioned between a ground water elevation high (potential recharge area) located northwest of Mulberry and a ground water elevation low present near the junction of Keysville and Nichols roads (Figure 8) (SWFWMD, 2005). This location is in proximity to the Tampa Bay Water Authority's South Central Hillsborough Regional Well Field.

The Floridan aquifer, which occurs in the lower Miocene through middle Eocene limestones, is a principal source of water in this region of Florida. Floridan aquifer regional potentiometric surface maps show the direction of ground water flow to be towards the south-southwest (Figure 9).

4.3 Site Geology

With respect to depth, the lithologic profile encountered at the Pritcher Road site is fairly consistent (Figure 10 and Appendix B, Part A). From land surface to about 40 feet BLS, undifferentiated Holocene and/or Pliocene age sands are encountered. The sands generally consist of fine to very fine grained unconsolidated quartz.

Below this interval, the sand becomes integrated with finer size particles and transitions into clayey sand and ultimately into sandy clay. The sandy clay is stiff and moderately plastic. This changeover from Holocene and/or Pliocene age sands to finer grained material denotes the transition into the Peace River Formation, a Pliocene / Miocene aged stratum that is composed of interbedded quartz sands, clays and carbonates (USGS, 2006). Beneath the sandy clay, gravel sized phosphate was routinely encountered. In some instances, the phosphate comprises a considerable portion of the matrix. This phosphate and clay lithology represents the Bone Valley Member of the Peace River Formation and is highly sought after by the phosphate mining industry.

Subjacent to this lithology, a phosphatic grey lime mud with mud rock fragments is present. This interval ranges from approximately 70 to 110 feet in extent and is a component of the Arcadia Formation (Miocene / Oligocene age) of the Hawthorn Group. The contact between the Arcadia and Peace River formations is usually gradational (Scott, 1988). The margin is placed where the carbonate beds become significantly more abundant than the siliciclastic beds.

The upper part of the Hawthorn Group at the site appears to be dolomitic (based on data from DEP-2). The data appear to show consistent enrichment of magnesium (dolostone) relative to calcium over the upper 90 feet, and sporadically at depths of around 135 feet and 200 feet BLS (Stein, 2010).

Chert was encountered at all well cluster locations ranging from 125 to 225 feet BLS. The chert is associated with tan lime mud and fossiliferous limestone with thin intervals of quartz sand and green marine clay. The lower extent of this lithology is part of the Tampa Member of the Arcadia Formation. The Tampa Member extends to approximately 230 feet BLS across the site where it comes in contact with the Oligocene aged Suwannee Limestone, a geologic unit comprised of lime mud, lime sands and limestone. The competent limestone is often fossiliferous (casts and impressions) and contains abundant pore spaces.

4.4 Site Hydrogeology

4.4.1 Surficial Aquifer

A surficial aquifer system is present in the study area and is typically encountered from five to 30 feet BLS. In much of the western one-third of Polk County, surficial aquifer thicknesses are generally less than 50 feet (USGS, 2006). The network of SIS direct push monitor wells ranged in depth between 32 and 55 feet BLS and screened the basal extent of the site's surficial aquifer system where underlying sediments become more integrated with finer size particles ([Table 5](#)).

This aquifer is unconfined and promptly responds to seasonal changes of precipitation. During the course of this study, the seasonal differences between low and high hydraulic heads in a surficial aquifer monitor well ranged from just over one foot (SCHM-3SA) to just under six feet (SCHM-4S). Surficial aquifer water level data collected by SIS, the Tampa Bay Water Authority and the Mosaic Company (Table 6) indicate that the surficial aquifer surface is a subdued reflection of the land's surface topography. Monitor wells located in areas of higher elevation generally have higher water elevations with respect to NGVD. Conversely, monitor wells with lower top-of-casing elevations have associated water elevations that are lower in respect with NGVD. For example, the ground water elevation associated with monitor well SCHM-8S, representing one of the site's lower elevations (40 feet NGVD), is about 12 feet NGVD (Figures 11A through 11D). The ground water elevations associated with Surficial MW-1 (approximately 83 feet NGVD) and Surficial MW-8 (approximately 66 feet NGVD), which are located in topographically higher locations (101.73 and 86.43 feet NGVD, respectively), are also higher. Water in the surficial aquifer flows laterally and discharges into surface water features including Thirty Mile Creek and the Alafia River.

The surficial aquifer is not readily utilized as a resource by local residents due to the lower permeability (and lower yields) associated with the aquifer relative to the underlying aquifers.

4.4.2 Intermediate Aquifer

The Intermediate aquifer occurs under confined conditions within the relatively thin, discontinuous limestone (dolomite) beds and sands (including chert) of the Hawthorn Group. These saturated sediments are encountered from approximately 50 to 175 feet BLS within the study site. The shallowest monitor well in each of the DEP clusters (interval approximately 143 to 173 feet BLS) screens these sediments that house the Intermediate Aquifer's basal extent (Figure 10).

Hydraulic heads in Intermediate aquifer monitor wells range from 10 to 70 feet NGVD across the site and are under artesian conditions. During the course of this study, the differences between low and high hydraulic heads in all SIS installed wells monitoring the Intermediate aquifer varied approximately 13 to 15 feet (Table 6).

The differences in hydraulic head measured between clustered surficial and Intermediate aquifer monitor wells vary from approximately 0 to 66 feet. The larger differences likely reflect the pumping influence of the South Central Hillsborough Regional Well Field drawing down the Intermediate aquifer. Figures 12A through 12D present a depressed Intermediate aquifer ground water surface where most of the production wells are located. As previously mentioned, these pumping wells collectively withdraw 24 to 45 million gallons of water per day from the Floridan aquifer. Despite the differences observed in the seasonal hydraulic head measurements within the network of Intermediate wells, the shape of the depressed ground water across the site due to pumping remains rather consistent. The ground water surface displayed in Figures 12A through 12D is similar to that presented by the Southwest Florida Water Management District's regional flow map earlier presented in Figure 8. Flow within the Intermediate aquifer is generally west across the study area until its interaction with the well field. Once beyond the field's pumping influence, ground water within this aquifer continues its westerly flow direction.

4.4.3 Floridan Aquifer

At each SIS cluster location, the deepest three monitor wells screen the Floridan aquifer, which is under confined artesian conditions. The shallowest well of these three (interval approximately 195 to 228 feet BLS) is set in the Tampa Member of the Hawthorn Group's Arcadia Formation (late Miocene/early Oligocene) which represents the top of the Floridan aquifer in this area of Florida (FDEP, 2002) (Figure 10). Each cluster's two deepest wells tap the Suwannee Limestone. A comparison of hydraulic

heads between clustered monitor wells set in the Intermediate and Floridan aquifers shows that the Intermediate aquifer well typically has a higher hydraulic head than its clustered Floridan aquifer monitor well counterpart indicating the presence of a downward recharge potential. As with the Intermediate monitor well water level measurements, there was an obvious seasonal variation between low and high hydraulic heads in all sixteen of the SIS wells monitoring the Floridan aquifer (approximately 16 feet) (Table 6).

Ground water flow within the Floridan aquifer across the study site is from the northeast towards the southwest (Figures 13A through 13D). Although the Floridan aquifer in this area is utilized by the South Central Hillsborough Regional Well Field (with pumping well intervals extending approximately 200 to 900 feet BLS), the hydraulic gradient across the site remains consistent with a slightly depressed ground water surface this is contrary to that of the Intermediate aquifer. The Floridan aquifer ground water surface displayed in these figures is similar to that presented by the Southwest Florida Water Management District's regional flow map earlier presented in Figure 9.

4.4.4 Hydraulic Conductivity Results

Pneumatic slug test results indicate varied hydraulic conductivity (k) values across the site within comparable portions of the aquifer matrix (with respect to feet NGVD) (Table 9, Appendix B, Part B). Estimated conductivity values of monitor and supply wells range from 1.6 to 42.8 feet per day. This diverse range may be linked to the amount of marl or other fine sediments present within a well's open-hole or screened interval or perhaps the presence of nearby fractures (in potentially different stages of dissolution) within the carbonate strata.

5.0 Analytical Results

Prior to ground water sample collection, the final readings of temperature, specific conductivity, pH, turbidity, dissolved oxygen, and ORP for each supply and monitor well were recorded ([Table 10](#)). A summary of these recorded parameter values include:

- Temperature ranged between 19.09° and 28.09° Centigrade though most readings were between 24° and 25° Centigrade;
- Specific conductivity ranged between 131 and 3,406 microSiemens per centimeter ($\mu\text{S}/\text{cm}$). Of interest, the highest and lowest readings were associated with wells monitoring the surficial aquifer. The two highest conductivity values measured were during the purging of monitor wells positioned on the Mosaic property;
- pH ranged between 5.35 to 10.06 Standard Units. The lower pH measurements were generally linked to surficial aquifer monitor well samples. The most elevated pH readings were associated with monitor well DEP-1(145-165') which likely is an artifact of grout that may have leached into its sand pack during construction;
- Dissolved oxygen ranged from 91% (7.62 milligrams per Liter) to 0.2% (0.02 milligrams per Liter). The higher dissolved oxygen measurements were associated with supply wells and wells monitoring the surficial aquifer;
- ORP was moderately negative with readings ranging from -341 to 380 millivolts.
- Turbidity was relatively low with the highest reading at 18.4 Nephelometric Turbidity Units (NTUs). Nearly two-thirds of the collected samples had turbidity measurements below 3.0 NTUs.

[Charts A through D](#) present the temporal change of ground water parameters measured during the four Intermediate and Floridan aquifer SIS monitor well sample events (May, June, October 2008 and April 2009). ORP measurement differences ranged

(low value compared to its high value) from approximately 50 to 100 millivolts in all wells. Measurements for pH appear relatively stable. Dissolved oxygen levels were generally constant (less than 4% of saturation) except for single spikes above 8% associated with monitor wells DEP-2 (197-217'), DEP-3 (195-215'), DEP-4 (300-320') and DEP-5 (153-173'). In contrast, dissolved oxygen levels in monitor well DEP-5 (200-220') were generally measured above 7% with a single reading below 1% during the third sample event. In regards to specific conductivity, in several instances the highest value recorded from a particular monitor well was during its first sample event; levels thereafter appear to have stabilized.

5.1 SIS Supply Well Sampling Analytical Results

All supply well sample analytical results were compared to GCTLs listed in Chapter 62-777 FAC, Table 1. These values were developed for contaminated sites in Florida. GCTLs annotated in the table as “Primary Standard” or “Secondary Standard,” correspond to the drinking water standards previously established in Chapter 62-550, FAC. Florida Primary Drinking Water Standards (FPDWS) are health-based standards and establish maximum contaminant levels (MCLs) in drinking water for chemicals such as benzene and arsenic. Florida Secondary Drinking Water Standards (FSDWS) are not health-based standards, but are based instead on organoleptic (pertaining to the senses) properties such as taste, odor, or color of the water. Examples of elements with secondary standards include iron, aluminum and manganese. In addition to the Florida Primary and Secondary Drinking Water Standards, Table 1 of Chapter 62-777, FAC includes GCTLs developed specifically for 62-777, FAC. These GCTLs are annotated as minimum criteria and are also either health-based or based on aesthetic criteria. Health-based GCTLs are established to protect people from carcinogens or systemic toxicants.

Aesthetic-based GCTLs are established to prevent organoleptic problems in ground water.

In summary:

- FPDWSs are health based standards defined in Chapter 62-550 FAC, and listed in Table 1 of Chapter 62-777, FAC;
- FSDWSs are not health based standards but are based on organoleptic criteria (taste, odor, or color). FSDWS are defined in Chapter 62-550, FAC, and listed in Table 1 of Chapter 62-777, FAC;
- GCTLs are defined in Chapter 62-777, FAC and are subdivided into health based and organoleptic criteria;
- Table 7 of Chapter 62-777, FAC provides health based GCTLs for some analytes defined in Table 1 as organoleptic or FSDWS.

5.1.1 Radionuclides in Water Analytical Results

SIS tested for the radionuclides gross alpha, radium 226 and radium 228 ([Table 4](#)). These radionuclides occur naturally in the environment (INL, 2008). During SIS' initial supply well sample event performed during April 2007, sixty-seven supply wells were sampled for gross alpha. Due to budget and laboratory scheduling constraints, only twenty-four supply wells were sampled for radium 226/228.

Gross alpha radiation has a Primary Standard of 15 picoCuries per Liter (pCi/L). The highest concentration reported in a private supply well sample was 11.3 pCi/L (8704 Pritcher Road) ([Table 11](#)). Gross alpha concentrations were generally reported to be below 3 pCi/L.

Radium 226/228 (the reported concentrations of both analytes are combined) has a Primary Standard of 5 pCi/L. Radium 226 was detected in concentrations ranging from 0.1 to 2.3 pCi/L; radium 228 was not detected in any sample ([Table 11](#)).

5.1.2 Alkalinity in Water Analytical Results

Alkalinity is a measure of the ability of a solution to neutralize acids to the equivalence point of carbonate or bicarbonate. In Florida, bicarbonate is the dominant constituent of alkalinity in water (FGS, 1992). The bicarbonate content is highly variable in the Intermediate aquifer system due to the heterogeneous nature of the Hawthorn Group, however, the median bicarbonate concentration is 143 milligrams per Liter (mg/L). The Floridan aquifer is almost entirely limestone or dolostone so bicarbonate concentrations are characteristically high and variability is less than in other aquifer systems. Statewide, the median concentration is 146 mg/L (FGS, 1992). Alkalinity results in supply well samples collected at the Pritcher Road site demonstrated high variability ranging from 27 to 206 milligrams of calcium carbonate per Liter (mg CaCO₃/L) (Table 11).

5.1.3 Bromide in Water Analytical Results

Bromide, which is naturally found in sea water, was not reported present in any of the supply well samples. The laboratory's method detection limit was 0.25 milligrams per Liter (mg/L) (Table 11).

5.1.4 Nitrogen in Water Analytical Results

Most nitrogen in ground water comes from the atmosphere. Nitrogen compounds can also work their way into ground water through fertilizers, manure and urine from farm animals, sewage, and landfills. The most common forms of nitrogen in ground water are ammonia, nitrate (NO₃⁻) and nitrite (NO₂⁻) (City of Boulder, 2008).

Detectable concentrations of ammonia (NH₃) at the site ranged from 0.011 to 0.36 milligrams of nitrogen per Liter (mg N/L) (Table 11). Chapter 62-777, FAC categorizes ammonia as a systemic toxicant and assigns it a minimum criteria value of 2.8 mg N/L.

Nitrate and nitrite are naturally occurring inorganic ions that are part of the nitrogen cycle. Microbial action in soil or water decomposes wastes containing organic nitrogen into ammonia which is then oxidized to nitrite and nitrate. Because nitrite is easily oxidized to nitrate, nitrate is the compound predominantly found in ground and surface waters. Contamination with nitrogen containing fertilizers (e.g., potassium nitrate and ammonium nitrate) or animal or human organic wastes can raise the concentration of nitrate in water. Nitrate containing compounds in the soil are generally soluble and readily migrate with ground water. Shallow, rural domestic wells are those most likely to be contaminated with nitrates especially in areas where nitrogen based fertilizers are in widespread use (ASTDR, 2008).

Chapter 62-777, FAC categorizes nitrite-nitrate ($\text{NO}_2\text{NO}_3\text{-N}$) as a systemic toxicant and assigns it a Primary Standard criterion of 10 mg N/L. Within the study site, the two supply wells samples reported to exceed the 10 mg N/L limit were at 8225 (16 mg N/L) and 8644 Carey Road (15 mg N/L). The depths of these wells are unknown. Elsewhere, reported nitrite-nitrate values were considerably less (Table 11).

Total Kjeldahl Nitrogen or TKN is the sum of organic nitrogen plus ammonia (NH_3) and ammonium (NH_4^+). TKN values ranged from nondetect to 0.46 mg N/L (Table 11).

5.1.5 Total Organic Carbon in Water Analytical Results

Total organic carbon (TOC) plays a major role in aquatic systems. It affects biogeochemical processes, nutrient cycling, biological availability, chemical transport and interactions (FGS, 1992). TOC in aquifers can have three sources: natural humic substances, synthetic organic contaminants and drilling fluids. Data suggest that the concentrations of anthropogenic organics are orders of magnitude less than the total organic carbon concentrations (FGS, 1992). Organic matter content is typically measured as total organic carbon and dissolved organic carbon, which are essential

components of the carbon cycle. Organic contaminants (natural organic substances, insecticides, herbicides, and other agricultural chemicals) enter waterways as rainfall runoff. Domestic and industrial waste waters also contribute organic contaminants in various amounts (City of Boulder, 2008). There are no standards or criteria for naturally occurring organic carbon. Organic carbon values in most site supply well samples were generally below 2 milligrams of carbon per Liter (mg C/L) which is approximately the median for organic carbon across the state in the Floridan aquifer; the organic carbon median in the Intermediate aquifer is approximately twice this amount (FGS, 2002). There were two well samples that had significant levels of organic carbon: 2847 Nichols Road (230 mg C/L) and 8704 Pritcher Road (220 mg C/L) (Table 11). Both of these wells are less than 185 feet in total depth. The remaining wells that were sampled were reported to have organic carbon levels below 17 mg C/L with most of those containing concentrations less than 2 mg C/L.

5.1.6 Sulfate and Sulfide in Water Analytical Results

Sulfur occurs in several oxidation states depending on the water's ORP. In Florida, two states are of major importance including sulfate and sulfide (FGS, 1992). Sulfate has an assigned Secondary Standard in Chapter 62-777, FAC of 250 milligrams of sulfate per Liter (mg SO₄/L) due to its organoleptic properties. Sulfate values in deeper aquifers across the site range from 0.22 mg SO₄/L to 67 mg SO₄/L. In regard to sulfide (H₂S), the Floridan aquifer system is generally under geochemical reducing conditions and H₂S is the stable sulfur species. Much of the H₂S in aquifer systems is the result of sulfate reduction, usually accomplished by aquifer or soil microbes. There are no standards or criteria for sulfide in ground water. Concentrations ranged from laboratory nondetect (several wells) to 3.3 mg S/L (Steppin Stone School irrigation well) and 3.4 milligrams of sulfide per Liter (mg S/L) (8520 Pritcher Road) (Table 11). Sulfide

field measurements collected with a Hach Spectrophotometer Model 2700 (reported in ug/L) (Table 12) were comparable to results reported by the FDEP Central Laboratory.

5.1.7 Chloride in Water Analytical Results

Chloride is not reactive in most ground water chemical systems (FGS, 1992). It does not participate in sorption, mineral precipitation, microbial metabolism or other processes. Chloride can be added to the aquifer in three ways. The most widespread process is the addition of chloride in marine aerosols through rainfall. Chloride is the dominant anion in sea water so chloride content of water on the coastal transition zone can be high. Connate water (original pore water) can be a minor source of chloride. These waters may be present in spaces within the aquifer where incomplete flushing due to poor or nonexistent circulation has occurred (FGS, 1992). Chloride has been assigned a Secondary Standard in FAC Chapter 62-777 of 250 milligrams of chloride per Liter (mg Cl/L) due to its organoleptic properties (taste and electrolytic corrosion problems). Chloride levels across the site ranged from 4.5 to 48 mg Cl/L (Table 11).

5.1.8 Metals in Water Analytical Results

Dissolved metals were detected in private supply well samples at concentrations generally considered to be typical of this hydrogeological setting. These metals include:

- Aluminum, a metal commonly found in the earth's crust (FGS, 1992) has a Secondary Standard of 200 ug/L (Chapter 62-777, FAC). This standard was exceeded in three supply well samples: 8710 County Line Road (4440 ug/L: April 2009 sample event), 2830 Keysville Drive (234 ug/L) and 8506 Pritcher Road (215 ug/L). The concentration of aluminum in the 8710 County Line Road well sample is highly irregular compared to the other supply well sample results and

also to its own previously reported result of 12 ug/L (June 2007 sample event). Because of this anomalous result, a confirmation sample event was performed for this well in August 2009. The aluminum value reported from this sample event was below the laboratory's minimum detection limit of 60 ug/L. The Steppin Stone School volleyball well sample approached the standard with a value of 189 ug/L (151 ug/L in a duplicate sample). These four wells range in depth between 180 and 310 feet. More than half of the supply wells sampled were reported to be laboratory nondetect for aluminum ([Table 11](#)).

- Antimony, which is found naturally in the environment at very low levels (FGS, 1992), has a Primary Standard of 6 ug/L. Five supply wells sampled by SIS were reported to have detectable concentrations of antimony with the 8601 Pritcher Road sample (13.8 ug/L; 13.7 ug/L in a duplicate sample and 8.46 ug/L in another sample event) and the 8312 Bob Wiggs Avenue sample (8.31 ug/L; 5.8 ug/L in another sample event) exceeding the applicable standard. Other notable concentrations identified include the 8704 Pritcher Road sample (3.6 ug/L; 2.04 ug/L in another sample event), the 8506 Pritcher Road sample (3.3 ug/L; 3.0 ug/L in a duplicate sample and 2.1 ug/L in another sample event) and the 2802 Pritcher Manor Court sample (0.89 ug/L). Known construction data indicates that these wells were completed between 140 and 215 feet BLS. All of the remaining supply well samples were reported to be laboratory nondetect ([Table 11](#)).
- Arsenic was identified in several supply wells sampled by SIS at concentrations above that metal's Primary Standard of 10 ug/L. Most of the wells are located north of Nichols Road with the highest levels being reported in wells located on Pritcher Road including 8506 Pritcher Road (350 ug/L), 8421 Pritcher Road (Steppin Stone Volleyball Court well) (256 ug/L), 8601 Pritcher Road (166 ug/L), 8410 Pritcher Road (65.9 ug/L), 8704 Pritcher Road (60.2 ug/L), 8805 Pritcher Road (55.2 ug/L) and the Steppin Stone Tennis Court well (24.2 ug/L). Other

- addresses not on Pritcher Road, but with notable arsenic levels include, 2802 Pritcher Manor Court (124 ug/L), 7911 Carey Road (118 ug/L), 2815 Hartley Lane (43.7 ug/L), 8312 Bob Wiggs Avenue (42.4 ug/L), 8602 Rockn T Ranch Road (32.4 ug/L) and 8710 County Line Road (24.5 ug/L). Arsenic levels in resampled supply wells during the course of this study remained relatively consistent with a few exceptions most notably in the 8710 County Line Road well where levels ranged from a high of 24.5 ug/L to a low of 0.61 ug/L. Some of these trends of high to low concentrations are also evident in results reported by the Hillsborough County Health Department from their sampling of community wells ([Table 3](#)). Total depths of these arsenic laden wells with known completion details range from 134 to 215 feet BLS. Over half of the supply wells sampled by SIS were reported to be laboratory nondetect for arsenic ([Table 11 and Figure 6](#)).
- Barium, which has a Primary Standard of 2,000 ug/L, was reported present in nearly all of the supply wells sampled by SIS. The highest barium concentration reported was 25.5 ug/L in the 2241 Nichols Road well sample ([Table 11](#)). This supply well is reportedly 360 feet in depth.
 - Cadmium, a natural element found in the earth's crust has an assigned Primary Standard of 5 ug/L. None of the supply well samples' cadmium levels approached this concentration. Four samples collected on site did have noteworthy levels including the 8312 Bob Wiggs Avenue well sample (1.36 ug/L), the Steppin Stone School Volleyball Court well sample (1.1 ug/L), the 2802 Pritcher Manor Court well sample (0.83 ug/L) and the Steppin Stone School Tennis Court well sample (0.68 ug/L) ([Table 11](#)). These well depths range between 140 to 215 feet BLS.
 - Calcium, a major component of limestone, was expectedly identified in all of the supply well samples. Concentrations ranged from 19.9 mg/L to 51.8 mg/L. Calcium does not have a ground water standard ([Table 11](#)).

- Chromium has a Primary Standard of 100 ug/L. The sample collected from the 8710 County Line Road supply well was reported to contain chromium at a level of 47.4 ug/L (April 2009 sample event). Analyses of samples collected from this well during June 2007 and August 2009 did not detect chromium above the laboratory method detection limit of 1 ug/L. The reported elevated chromium concentration is also anomalous when compared to the four other supply wells with detectable levels of this metal including the 2905 Pritcher Manor Court well (3.1 ug/L), the 2830 Keysville Drive well (2.1 ug/L), the 2926 Keysville Drive well (1.3 ug/L) and the 8519 Pritcher Road well (1.1 ug/L) (Table 11). These well depths ranged from 150 to 310 feet BLS.
- Fluoride is naturally present in water. It has a Secondary Standard (related to nuisance) of 2.0 milligrams of fluoride per Liter (mg F/L). Fluoride was identified in all supply well samples collected by SIS. Concentrations ranged between 0.24 mg to 0.7 mg F/L (Table 11).
- Iron is another metal that is widely distributed in the earth's crust. It has a Secondary Standard of 300 ug/L (aesthetic concerns) because it stains plumbing fixtures and clothing. This standard was surpassed in eleven supply well samples with the highest concentrations being reported in the 8710 County Line Road well sample (2480 ug/L; 150 ug/L in the August 2009 confirmation sample event), 2905 Pritcher Manor Court well sample (2470 ug/L; 1510 ug/L in another sample event), the 3505 Kent Path well sample (1790 ug/L; 1730 ug/L in another sample event), the 8712 County Line Road sample (1610 ug/L), the 8902 Carey Road well sample (1120 ug/L), the 2847 Nichols Road well sample (1100 ug/L) and the 8506 Edison Road well sample (1010 ug/L) (Table 11). These wells were generally some of the shallowest completed with known well depths ranging from 100 to 175 feet BLS.

- Lead was reported present in three supply well samples at concentrations surpassing this metal's Primary Standard of 15 ug/L including the 8621 County Line Road well sample (16.2 ug/L), the 3010 Toole Road well (15.5 ug/L; 0.72 ug/L in a August 2009 confirmation sample event) and the 8133 Edison Road well sample (15.1 ug/L). Other well samples containing notable concentrations of lead include the 5340 Wood Road well (7.67 ug/L), the 8626 Carey Road (3") well (7.56 ug/L) and the 8740 Griffith Lane well (7.46 ug/L). Water pipes in some older homes may contain lead solder from which the metal can leach out into the water (ASTDR, 2008).
- Magnesium is a commonly found element in the earth's crust (FGS, 1992). It does not have a regulatory standard. Concentrations of magnesium across the site ranged from 7.7 to 21.9 mg/L. Some of the wells that have relatively higher magnesium levels also have higher arsenic concentrations including the 8506 Pritcher Road well (magnesium: 16.7 mg/L), the Steppin School Volleyball well (15.3 mg/L), the 8312 Bob Wiggs Avenue well (21.9 mg/L) and the 7911 Carey Road well (14 mg/L) ([Table 11](#)).
- The Secondary Standard for manganese (50 ug/L), based on aesthetic considerations, was exceeded in two supply well samples including the 3505 Kent Path well (58.7 ug/L) and the 2905 Pritcher Manor Court well (52.3 ug/L). These two wells are between 158 and 175 feet in total depth.
- Molybdenum, which has an assigned HAL of 100 ug/L, exceeded that concentration in several samples collected from supply wells throughout the Pritcher Road site. Several more wells had concentrations of molybdenum that surpassed the metal's Minimum Criteria (35 ug/L) as defined in FAC Chapter 62-777, Table 1 ([Table 11](#)). All supply well samples demonstrating elevated arsenic concentrations also had relatively high molybdenum levels including the 8506 Pritcher Road well sample (5040 ug/L), the Steppin Stone Volleyball Court well

sample (4740 ug/L), the 8601 Pritcher Road well sample (2350 ug/L), the 2802 Pritcher Manor Court well sample (1950 ug/L) and the 8704 Pritcher Road sample (1000 ug/L). Supply wells impacted by high levels of molybdenum demonstrated similar impact when resampled.

- Levels of nickel ranged from laboratory nondetect to 6.08 ug/L (8312 Bob Wiggs Avenue supply well) (Table 11). This element has a Primary Standard of 100 ug/L.
- Potassium, an abundant element in the earth's crust, does not have a regulatory standard. Concentrations of this metal found in samples collected across the site ranged from 0.32 mg/L to 2.91 (Table 11).
- Selenium was identified in twelve supply well samples in concentrations above the laboratory's method detection limit of 0.5 ug/L; its Primary Standard is 50 ug/L. The most notable concentrations detected include the 8710 County Line Road August 2009 confirmation sample (10.2 ug/L), 8802 Pritcher Road well sample (8.8 ug/L), the 8740 Griffith Lane well sample (4.6 ug/L), the 5364 Wood Road sample (4 ug/L), 8312 Bob Wiggs Avenue well sample (3.02 ug/L) and the 8644 Carey Road well sample (3 ug/L) (Table 11).
- Silica, the most abundant mineral in the earth's crust, has no regulatory standard. Silica is derived from the weathering of silicate minerals (ODNR, 2009). Its abundance in ground water depends upon the amount of silicate minerals that are contained within the bedrock housing the aquifer. Reported concentrations of silica in supply well samples ranged from 10.8 mg/L to 38.5 mg/L (Table 11).
- The Primary Standard for sodium (160 mg/L) was not approached in any of the SIS collected supply well samples. The Steppin Stone Irrigation well sample was reported to contain the highest level of sodium (31.8 mg/L). This sample, however, was collected after the water had passed through a chlorinator. The

most elevated level of sodium reported in a typical well sample was from the 8419 Edison Road well with a level of 22.3 mg/L (Table 11). Elsewhere, sodium concentrations ranged from 3.1 mg/L to 12.6 mg/L.

- Strontium, which is abundant in sea water, has a Minimum Criteria of 4200 ug/L. The highest strontium levels reported in SIS collected supply well samples were in the Steppin Stone School Irrigation well (520 ug/L), the 8818 Pritcher Road well sample (420 ug/L), 8910 Pritcher Road supply well (400 ug/L) and the 9007 Carey Road supply well (350 ug/L). Elsewhere strontium levels ranged from 31.1 ug/L to 330 ug/L.
- Thallium's Primary Standard of 2 ug/L was not exceeded in any of the supply well samples. Detectable concentrations were identified in fifteen well samples in levels ranging from 0.12 ug/L to 0.80 ug/L (8312 Bob Wiggs Avenue supply well) (Table 11).
- Phosphorus has no regulatory standard. Supply well samples with detectable concentrations of phosphorus ranged from 0.021 milligrams of phosphorus per Liter (mg P/L) to 1.7 mg P/L (Table 11).
- Vanadium has a Minimum Criteria of 49 ug/L. Ten supply well samples were reported to contain vanadium above the laboratory's detection limit of 1 ug/L with the highest level in the 8710 County Line Road supply well sample (21.3 ug/L) (Table 11).
- Zinc's Secondary Standard of 5000 ug/L, which is based on organoleptic properties and color, was not exceeded by a supply well sample result. Reported zinc levels ranged in value between laboratory nondetect (less than 5 ug/L) to 1200 ug/L in the 8710 County Line Road supply well sample (Table 11). The 8710 County Line supply well zinc level was much lower in the August 2009 confirmation sample (465 ug/L).

5.1.9 Supply Well $\delta^{18}\text{O}$ and δD Analytical Results

The stable isotopes of oxygen (^{18}O) and hydrogen (^2H), expressed as $\delta^{18}\text{O}$ and δD , respectively, occur naturally and combine to form water molecules that have heavier atomic masses than the predominant and lighter hydrogen and oxygen water molecules (Hydrofocus, 2008). As a result, these heavier molecules, because of their different masses, tend to evaporate at higher temperatures and at different rates. Consequently, younger water including surface waters and rain water (all of which are recently evaporated ocean water) tend to be enriched with the lighter isotopes. When these lighter isotopes are observed in relatively homogeneous aquifers comprised of unreactive aquifer sediments such as the Floridan aquifer, it provides insight as to the extent of recent recharge. [Table 13 and Graph 1](#) present supply well sample $\delta^{18}\text{O}$ and δD analytical results from the SIS December 2007 sample event. The results are ratios of the isotopes present in supply well samples compared to Vienna Standard Mean Ocean Water (VSMOW), an isotopic water standard defined in 1968 by the International Atomic Energy Agency. Supply well samples that have comparatively more negative ratios are generally composed of lighter isotopes reflecting the presence of relatively younger water. This in turn suggests that the zone tapped by these wells has undergone enhanced recharge from shallower aquifers. These analytical results must be qualified since most of the sampled supply wells have extended open holes that may draw and subsequently blend water from more than one hydrogeologic horizon.

5.2 SIS Deep Monitor Well Sampling Analytical Results

5.2.1 Alkalinity in Water Analytical Results

Monitor well sample alkalinity levels ranged from 50 to 168 mg CaCO_3/L ([Chart E, Table 14](#)). The chart presents results from the four monitor well sample events (May, June, October 2008 and April 2009) to provide recognition of any data variation. The lowest alkalinity levels were observed in samples collected from shallow monitor wells

DEP-1 (145-165'), DEP-2 (143-163') and DEP-3 (147-167'); ranging from 50 to 132 CaCO₃/L. The remaining monitor well alkalinity values range from 138 to 168 CaCO₃/L which are comparable to median bicarbonate concentrations levels present in the Intermediate aquifer system (143 milligrams mg/L) and Floridan aquifer (146 mg/L) (FGS, 1992).

5.2.2 Bromide in Water Analytical Results

Bromide was not reported present in any of the monitor well samples. The laboratory's method detection limit was 0.25 milligrams per Liter (mg/L) (Table 14).

5.2.3 Nitrogen in Water Analytical Results

NO₂NO₃-N was identified in every SIS monitor well sample albeit in low concentrations. Reported levels were generally just above the laboratory's method detection limit of 0.004 mg N/L (Chart F, Table 14). The only exception were two results generated from monitor well DEP-1 (145-165') during the first and second sample events performed in May and June 2009. Those values of 0.33 and 0.055 mg N/L were not replicated during subsequent sampling events when concentrations fell to levels typical of other well samples.

Total Kjeldahl Nitrogen or TKN values ranged from 0.091 to 0.54 mg/N/L (Table 14).

5.2.4 Sulfate and Sulfide in Water Analytical Results

Sulfate values in monitor well samples ranged from 2.1 mg SO₄/L to 24 mg SO₄/L (Chart G and Table 14). The highest sulfate values were observed in the shallow interval monitor wells associated with clusters DEP-1, DEP-2 and DEP-3; the higher concentrations associated with DEP-1(145-165') did decrease to unremarkable levels

during the second, third and forth sampling events. Contrarily, the DEP-4 and DEP-5 clustered shallow monitor wells had some of the lowest sulfate in water analytical results.

There was good agreement between sulfide measurements collected with the Hach Spectrophotometer Model 2700 (reported in ug/L) versus monitor well sample results reported by the FDEP Central Laboratory (reported in mg S/L) (Tables 12 and 14, and Chart H). Overall, sulfide concentrations ranged from laboratory nondetect to 2.9 mg S/L. The lowest sulfide concentrations were associated with those samples collected from wells monitoring the shallowest intervals. There is no obvious trend regarding increased sulfide concentrations with increased well depths except what was observed in cluster DEP-3 and to a lesser extent in clusters DEP-4 and 5.

5.2.5 Chloride in Water Analytical Results

Chloride levels in monitor well samples ranged from 7.9 to 15 milligrams of chloride per Liter (mg Cl/L) (Chart I and Table 14). No pattern regarding concentration versus depth is apparent.

5.2.6 Metals in Water Analytical Results

Dissolved metals were detected in monitor well samples at concentrations generally considered to be typical of this hydrogeological setting. These metals include:

- Aluminum was reported in concentrations above the FDEP Central Laboratory's method detection limit of 60 ug/L in three monitor well samples collected during the May 2008 sample event. Those wells include DEP-1 (145-165') (200 ug/L), DEP-2 (143-163') (170 ug/L) and DEP-3 (147-167') (270 ug/L; 270 ug/L in a duplicate sample). These concentrations approach or exceed aluminum's Secondary Standard of 200 ug/L (Table 14). Although these levels were lower in

samples collected in April 2009, the same wells exhibited comparatively higher concentrations of aluminum.

- Antimony has a Primary Standard of 6 ug/L. This value was approached by only one monitor well sample result: DEP-1 (145-165') with a concentration of 5.9 ug/L from the May 2008 sample event ([Chart J and Table 14](#)). This well's antimony result from the June 2008 sample event had a lower concentration of 3.5 ug/L and even less was reported present during the October 2008 (1.1 ug/L) and April 2009 (0.36 ug/L) sample events. Only four other monitor wells tested positive for antimony above the method detection limit of 0.5 ug/L including DEP-1 (250-270') (0.89 ug/L-May), DEP-2 (143-163') (1.9 ug/L-May, 1.1 ug/L-June, 3.1 ug/L-October, 0.99 ug/L-April 2009), DEP-2 (256-276') (2.5-May and 1.7 ug/L-June) and DEP-4 (208-228') (2.7 ug/L; 2.4 ug/L in a duplicate sample-May); (0.75 ug/L; 0.82 ug/L in a duplicate sample-June).
- Concentrations of arsenic exceeding the metal's Primary Standard of 10 ug/L were observed in monitor wells from all clusters excluding DEP-5 ([Chart K and Table 14](#)). Arsenic levels detected in SIS monitor well samples above the Primary Standard ranged from 11.2 to 188 ug/L. Concentrations of arsenic above the Primary Standard were reported in samples from four of the five shallow interval monitor wells (approximately 146-166' BLS), two of the monitor wells that span the second interval (approximately 200-220' BLS), two of the monitor wells that span the third interval (approximately 250-270' BLS) and none of the deepest monitor wells (300-320' BLS). Arsenic levels did noticeably decrease over time in samples collected from DEP-1 (250-270'), DEP-2 (256-276'), DEP-4 (143-163') and DEP-4 (208-228').
- Cadmium was reported present in samples collected from five SIS monitor wells including DEP-2 (256-276') (0.058 ug/L), DEP-4 (143-163') (0.042 ug/L), DEP-4 (208-228') (0.068 ug/L), DEP-4 (255-275') (0.035 ug/L) and DEP-5 (250-270')

(0.47 ug/L). The DEP-4 (208-228') duplicate sample was laboratory nondetect for cadmium. These detections were reported for samples collected during the May 2008 sample event. Results from the June event reported only one cadmium detection: 0.023 ug/L in a sample from monitor well DEP-3 (195-216'); cadmium was not detected in any of the samples collected during the April 2009 event ([Table 14](#)).

- Calcium concentrations ranged from 31.1 mg/L to 52.1 mg/L. Levels tended to slightly increase with depth at most monitor well cluster locations. Calcium does not have a ground water standard ([Table 14](#)).
- Chromium was reported present only in the April 2009 sample event. Samples from four SIS monitor well samples had concentrations between 0.3 ug/L to 0.55 ug/L. Results from the June 2008 sample event reported that these concentrations were all below the laboratory's method detection limit ([Table 14](#)).
- Copper was identified in four monitor well samples collected during the June 2008 sample event above the laboratory's method detection level of 0.5 ug/L. These samples include monitor well DEP-2 (256-276') (0.52 ug/L), DEP-3 (147-167') (0.72 ug/L), DEP-3 (195-215') (1.1 ug/L) and DEP-5 (250-270') (3.0 ug/L). Only two monitor well samples collected during the April 2009 sample event were reported to contain copper above the laboratory method detection limit including DEP-1 (205-225')(0.52 ug/L) and DEP-3 (147-167') Duplicate (0.57 ug/L) ([Table 14](#)).
- Fluoride was reported present in all SIS monitor well samples. Concentrations ranged between 0.34 to 1.1 milligrams of fluoride per Liter (mg F/L). The higher levels were generally present in shallow interval samples and became lower with respect to depth ([Chart L and Table 14](#)).
- Iron was reported present in several SIS monitor well samples in generally low levels. Concentrations ranged from laboratory nondetect (30 ug/L) to 450 ug/L in

DEP-3 (300-320'), 330 ug/L in DEP-4 (300-320') and 310 ug/L in DEP-5 (200-220') during the first sample event. Compared to the fourth sample event that occurred in April 2009, these concentrations all dropped to 33 ug/L, 89 ug/L and 240 ug/L, respectively ([Chart M and Table 14](#)).

- Lead was reported present in two SIS monitor well samples collected in April 2009 above the FDEP Central Laboratory's method detection limit of 0.2 ug/L. These samples include DEP-3 (147-167') Duplicate (1.32 ug/L) and DEP-4 (143-163') (0.29 ug/L) ([Table 14](#)).
- Magnesium levels ranged from 7.4 to 16.8 ug/L. There is no obvious pattern to the distribution of magnesium concentrations with respect to depth ([Chart N and Table 14](#)).
- Reported manganese levels ranged from 0.97 to 8.53 ug/L except for one outlier value of 17.9 ug/L from the DEP-1 (300-320') sample collected in June 2008 ([Table 14](#)). The April 2009 sample result for this particular well was reported to be 8.3 ug/L.
- The distribution of elevated concentrations of molybdenum was similar to that of arsenic, that is, elevated levels of molybdenum were observed in monitor wells from all clusters excluding DEP-5 ([Chart O and Table 14](#)). The three highest concentrations of molybdenum (1570 ug/L, 3930 ug/L and 5240 ug/L) were reported in the shallow monitor wells associated with clusters DEP-1, 2 and 3, respectively, although the values in monitor well DEP-1 (145-165') diminished over time.
- Nickel was reported in several monitor well ground water samples but in relatively low concentrations ([Table 14](#)). The highest level reported was 2.19 ug/L in a sample from monitor well DEP-5 (250-270') though this well's remaining sample event results were either below or just above the laboratory's method detection limit (0.25 ug/L). Concentrations elsewhere ranged from

laboratory nondetect (0.25 ug/L) in more than half of the wells to 1.33 ug/L in monitor well DEP-2 (143-163').

- Concentrations of the metal potassium reported in monitor well samples ranged from 0.75 to 3.97 mg/L (Table 14). The highest concentrations, albeit very low, were associated with DEP-1 (145-165'). Concentrations associated with this well became lower with each sample event (3.97 to 3.19 to 2.23 to 1.4 mg/L).
- Selenium was not reported present in any of the SIS monitor well samples above the FDEP Central Laboratory's method detection limit for each event (Table 14).
- Reported concentrations of silica in monitor well samples ranged from 18.9 mg/L to 36.9 mg/L (Chart P and Table 14).
- Sodium concentrations ranged from 6.7 to 14.9 mg/L (Chart Q and Table 14). In nearly all instances, concentrations of sodium decreased over time.
- Strontium was reported present in all monitor well samples at levels above the method detection level of 80 ug/L (Chart R and Table 14). Concentrations ranged from 110 to 710 ug/L. The lowest strontium levels were generally associated with each cluster's shallow well.
- Concentrations of phosphorus ranged from just above the method detection level of 0.004 to 0.087 mg P/L (Table 14).
- Vanadium was reported present in only one monitor well sample, DEP-1 (145-165') with a concentration of 27.6 ug/L during the June 2008 sample event and 25 ug/L during the April 2009 sample event (Table 14).
- Zinc was reported present in two monitor well samples: DEP-3 (147-167') Duplicate with a concentration of 12 ug/L and DEP-4 (300-320') with a level of 5.3 ug/L. Both of these results occurred during the April 2009 sample event (Table 14). The remaining samples analyzed for zinc were laboratory nondetect.

5.2.7 SIS Monitor Well $\delta^{18}\text{O}$ and δD Analytical Results

Table 15 and Graphs 2, 3 and 4 present monitor well sample $\delta^{18}\text{O}$ and δD analytical results from the May, June and October 2008 sample events. These results are ratios of the stable isotopes present in monitor well samples compared to Vienna Standard Mean Ocean Water (VSMOW). Accepting that the more negative the ratio, the younger the water, it would be anticipated that deeper ground water should exhibit less negative $\delta^{18}\text{O}$ and δD ratios. Although the data indicate that all but one of the cluster's shallowest wells did likely produce the youngest water, this relationship was not consistent. There are several examples where deeper monitor wells produced water with more negative ratios (younger) than their clustered shallower wells. This is best demonstrated by the DEP-4 cluster. The $\delta^{18}\text{O}$ and δD ratios reveal that this cluster's deepest wells produced water that was more negative (younger) than the shallowest monitor well. This situation where a deeper well exhibited a more negative $\delta^{18}\text{O}$ and δD ratio was observed at all monitor well clusters during at least one sample event except for cluster DEP-5.

5.3 SIS Surficial Aquifer Monitor Well Sampling Analytical Results

The SIS surficial aquifer monitor well network was sampled once in April 2009 and the analytical results are presented in Table 15. A review of the results indicates that there were exceedances of Florida ground water standards including aluminum (Surficial MW-4: 480 ug/L), iron (Surficial MW-2: 7680 ug/L; Surficial MW-3: 79100 ug/L; Surficial MW-4: 1350 ug/L; Surficial MW-7: 3300 ug/L), manganese (Surficial MW-2: 614 ug/L; Surficial MW-3: 530 ug/L Surficial MW-7: 63.7 ug/L), $\text{NO}_2\text{NO}_3\text{-N}$ (Surficial MW-6: 17 mg N/L), sodium (Surficial MW-3: 442 mg/L) and sulfate (Surficial MW-2: 750 mg $\text{SO}_4\text{/L}$; Surficial MW-3: 2000 mg $\text{SO}_4\text{/L}$). The aluminum (200 ug/L), iron (300 ug/L), manganese (50 ug/L) and sulfate (250 mg $\text{SO}_4\text{/L}$) exceedances surpass Florida Secondary Standards. The $\text{NO}_2\text{NO}_3\text{-N}$ (10 mg N/L) and sodium (160 mg/L) Primary

Standards were exceeded. Surficial aquifer monitor wells MW-2 and 3 were installed adjacent to the Mosaic settling pond; Surficial MW-4 was installed near a field used for cattle grazing. Concentrations reported present in surficial aquifer monitor well samples for the other analytes including antimony, arsenic, molybdenum and phosphorus were unremarkable.

5.4 Carbon in Lithologic Core Sample Analytical Results

Core samples were analyzed for organic, inorganic and total carbon by the FDEP Central Laboratory. Targeted intervals that were analyzed included those eventually screened by the deep monitor wells installed by SIS to evaluate the Intermediate and Floridan aquifers. Analytical results are presented in [Table 16](#).

5.5 Mosaic Nichols Facility Monitor Well Analytical Information

The Mosaic Nichols facility has within its property boundaries a network of monitor wells that have been sampled since approximately 1984 ([Table 8](#)) (FDEP Bureau of Mine Reclamation, 2008). This historical environmental monitoring data are presented in [Table 17](#) and [Figure 14](#). Reported arsenic levels appear routine except for concentrations associated with surficial aquifer monitor wells MWM-3R (21-41'), MW-4 (9-29'), MW-5 (9-39'), MWC-5B (49-66'), Intermediate aquifer monitor well MWC-7C (65-85') and Floridan aquifer monitor well MWC-11 (105-500'). These wells during their sampling history have at least one reported exceedance of arsenic. Samples from MWM-3R (21-41') have historically had the highest concentrations of arsenic detected in a Mosaic monitor well ranging from 7 ug/L (August 1988) to 150 ug/L (January 1988). The well's average arsenic concentration during the 1984 to 2007 monitoring period is about 40 ug/L. Monitor wells MW-4 (9-29') and MW-5 (9-39') have had reported arsenic levels approaching 15 ug/L during their monitoring history; however, these were isolated events with most of the wells' arsenic sample results being reported as laboratory

nondetect. Monitor well MWC-5B (49-66'), which was installed in 2005, has been sampled once for arsenic with an October 2006 result of 12 ug/L. Samples from Intermediate aquifer monitor well MWC-7C (65-85'), which was also installed in 2005, have shown rather consistent levels of arsenic ranging from 5 to 14 ug/L. Interestingly, all samples collected from Intermediate aquifer monitor well MW-7 (100-150') which predated MWC-7C, were laboratory nondetect for arsenic (sample period ranging from 1984 to 1990). Floridan aquifer monitor well MWC-11 (105-500') had a reported arsenic concentration of 54 ug/L during an October 2006 sample event; arsenic was also present in the well (8 ug/L) during an October 1985 sample event. All other arsenic results associated with this well during since its installation has been laboratory nondetect.

5.6 Geochemistry Study Results

The geochemical study designed by Dr. Pichler revealed previously unknown aspects of Florida's geology. In particular, the analysis of lithologic cores collected during the installation of the FDEP monitor well network revealed the presence of the mineral powellite (calcium molybdate). Up until the time of this study, powellite had not been previously identified in Florida. Powellite is one of only a handful of relatively common molybdenum minerals. This discovery suggested why elevated levels of molybdenum were present in some supply and monitor well samples. [Figures 15, 16, and 17](#) graphically present lithologic results from the core analyses in relation to ground water sample results from the various monitor well interval sampling. Notable results of the study are presented below. Dr. Pichler's final report is presented in its entirety in [Appendix C](#).

- The geochemical study of the water revealed that most ground water parameters and analytes recorded from the monitor and private supply wells were as expected for central Florida. Only arsenic and molybdenum showed a distinct pattern of

decreasing concentrations with depth and a geographical distribution with the highest values within the center of the study area.

- A similar pattern was observed for $\delta^{18}\text{O}$ and δD , where more negative values (younger water) were generally found at shallow depth. Isotope values for those private wells with elevated arsenic and molybdenum fall into the same range as the shallow monitor wells. [Graph 5](#) presents stable isotopic data generated from monitor and supply well samples collected during the April 2009 sample event. The isotopic analysis was performed in conjunction with the tritium testing by associates of Dr. Pichler. Age dates determined for shallow ground water samples by tritium analyses were younger than ground water from deeper samples. Rapid infiltration is likely because the ages between water collected from the very shallow wells (approximately 30 feet BLS) are basically the same age as those for samples collected from depths of around 150 feet to 170 feet BLS, while samples collected from intervals just 30 feet deeper are much older. This separation in age also correlates to a separation based on ground water levels.
- In the three analyzed cores, values for arsenic and molybdenum varied significantly with depth and were often significantly above their crustal average. Values were highest between approximately 130 and 250 feet BLS, which is the interval that roughly corresponds to the Hawthorn Group. Below 250 feet BLS (Suwannee Limestone), arsenic and molybdenum values returned to what would be expected for crustal carbonate rocks. The mineral pyrite, which was identified in all of the cores, contained significant amounts of arsenic and was thus identified as a potential ground water source of this element. In core DEP-1, powellite was identified as a likely source of molybdenum and as a source of arsenic, because the powellite mineralogy was analyzed to contain up to 18,000 mg/kg of arsenic.

It is notable that molybdenum was not detected by Dr. Pichler in the pyrites analyzed by electron microprobe ([Appendix C, Part A, Table 4](#)). The instrument's minimum detection limit was 30 mg/Kg. Fischler and Arthur (2008) report an average molybdenum concentration of 0.57% (5700 mg/kg) in pyrites in the Hawthorn Group, and average arsenic and antimony concentrations of 0.22% and 0.06%, respectively. For comparison, the average arsenic concentration in pyrites reported by this study is 0.21% and he found the average antimony content to be approximately 0.01%. Dr. Pichler's arsenic and antimony values are similar to those measured by Fischler and Arthur, but the apparent absence of any associated molybdenum stands in sharp contrast to the Fischler and Arthur findings. This aspect is important, because if the pyrites are ultimately the source of arsenic in this system, they may also be the ultimate source of molybdenum with the powellite being formed as a secondary alteration product i.e., pyrite oxidizes and forms both HFO with sorbed arsenic, and arsenic-substituted powellite (Stein, 2011). Given the available information, it is not possible to determine the timing of the formation of either of these phases. It is plausible that pyrite was altered to form HFO, which sorbed both arsenic and molybdenum, when exposed to reducing conditions (i.e., due to some perturbation of ground water redox conditions) and at intermediate pH, the HFO dissolved and released both arsenic and molybdenum. The molybdenum re-precipitated as powellite due to the abundance of aqueous calcium (it is assumed that the ground water in this area is at saturation with respect to calcite, which has approximately the same solubility as powellite) (Stein, 2011). Finally, Dr. Paul Hansard (2010) suggested that the powellite may be an artifact of drilling and coring and not present in unperturbed bedrock at all. The observation of this phase in only one core, and in only two samples, raises questions about conditions of its formation and argues for additional investigation of the bedrock mineralogy.

- In the subsurface, solid-phase arsenic is elevated at three different depths and at each of these depths it is associated with different elements. At around 30 feet BLS, only arsenic and iron were elevated, while in the vicinity of 150 feet BLS, only arsenic and molybdenum were elevated; near 200 feet BLS, only arsenic, iron and sulfur were elevated. From this it is possible to deduce the mineralogical association of arsenic. In the shallow subsurface, where ground water conditions are more oxygenated, arsenic is likely bound to hydrous ferric oxide (HFO). At the intermediate level of around 150 feet BLS, arsenic seems to be more or less associated with powellite and at 200 feet BLS, where iron and sulfur were elevated, the source of arsenic is likely arsenic-rich pyrite. As earlier mentioned, an exclusive association between arsenic and powellite is suspect by the fact that powellite was detected in only two samples, both from the DEP-1 lithologic core. Both were from adjacent sampling intervals, 149 to 152 feet BLS and 152 to 156 feet BLS. The shallower of these samples reported the highest observed molybdenum concentration (880 mg/kg), which is significantly greater than the molybdenum content of either the DEP-2 or DEP-5 lithologic cores (maxima 63 mg/kg and 225 mg/kg, respectively). Powellite was not observed in the DEP-2 or DEP-5 cores, so its presence or absence at those locations is unknown. In summary, the abundance and distribution of powellite in bedrock underlying the site, and its significance as a source of molybdenum to ground water, cannot be determined from the available information (Stein, 2011).
- The inferred arsenic mineralogy in the subsurface in the Lithia area follows an expected redox gradient for ground water from oxygenated near the surface to more and more reducing conditions with depth.
- Ground water movement and mixing of different ground waters from different depths probably provide the largest impacts on the stability of arsenic and powellite.

- Movement of oxygenated water into the deeper pyrite bearing aquifer causes the dissolution of pyrite due to oxidation of ferrous to ferric iron. The arsenic, which is present in the pyrite structure, is released to the ground water. Should conditions remain oxygenated, then HFO can form and scavenge arsenic from the ground water by sorption. While this mechanism removes arsenic from the ground water under oxygenated conditions, if reducing conditions are reestablished, the HFO becomes unstable and will dissolve and release the arsenic back into solution.
- Arsenic is likely bound in the powellite structure when the ground water system is in equilibrium with respect to powellite. However, if the equilibrated water is removed and replaced with ground water which is undersaturated with respect to powellite, dissolution takes place and causes the release of arsenic and molybdenum until equilibrium is attained once more. Undersaturation or over saturation of powellite can also be caused by simple mixing of ground waters with different chemical compositions. For example, ground water A contains elevated Ca^{2+} , but no MoO_4^{2-} and ground water B contains elevated MoO_4^{2-} , but only little Ca^{2+} . Mixing of these two waters can increase the ion activity product (IAP) to the degree of powellite precipitation. Alternatively, mixing of reducing ground water in equilibrium with arsenic- and molybdenum-bearing pyrite with more oxygenated ground water may also result in release of MoO_4^{2-} . Similarly, the mixing of oxygenated ground water in equilibrium with HFO with sorbed arsenic and molybdenum and more reducing ground water would also yield MoO_4^{2-} . In all of these scenarios, the mixing of molybdate with Ca^{2+} , elevated due to equilibrium with calcite, can exceed the IAP of powellite and the mineral will precipitate (Stein, 2011).

- Arsenic levels in many of the private supply wells are much higher than those found in the FDEP monitor wells, while molybdenum values are more or less comparable.
- The mixing of waters from different water horizons in the private supply wells is indicated by their position in the $\delta^{18}\text{O}$ - δD plot and in the $\delta^{18}\text{O}$ -TU plot, where they chart intermediate between the shallow and deep samples.

During the review process, Dr. Carol Stein, a geochemist working for the environmental consulting firm Gannet Fleming, Incorporated, evaluated the geochemical body of work presented by Dr. Pichler. Her memorandum of findings with the subject line “General Conceptual Model for Arsenic and Molybdenum in Groundwater in Lithia, Florida” is presented in its entirety in [Appendix C](#). A synopsis of Dr. Stein’s efforts is presented below.

The ultimate source of the arsenic and molybdenum is likely in the sulfides found in the carbonate bedrock units. Overall, the bulk of the solid-phase arsenic appears to be associated with iron, either in pyrite or sorbed onto HFO. While it is apparent that the powellite also contains arsenic in significant concentrations, it is likely that this phase represents a fraction of the total arsenic compared to the mass of arsenian pyrite that is present. According to Dr. Pichler’s proposed scenario for the elevated arsenic in ground water, younger, more oxygenated water is pulled into the deeper aquifer by ground water extraction. Oxidation of arsenian pyrite is suggested as the mechanism that releases arsenic into solution. This concept is supported by the fact that ground water from the DEP-2 and DEP-3 cluster shallowest intervals, which contain the highest levels of arsenic and molybdenum compared to other shallow intervals, do in fact have the highest ORP measurements. There are other samples with similar pH and ORP measurements within the same range that do not have elevated levels of arsenic and molybdenum, however, these samples were collected from intervals where sources of arsenic and molybdenum (arsenian pyrite and/or powellite) were absent. In the case of DEP-5 (which appears to

have mineralogy very similar to DEP-1 and DEP-2), the ORP values are considerably lower in the screened intervals which suggests that the mineralogy is correct for elevated arsenic/molybdenum values in ground water but the redox conditions are not. Apparently, the ground water in the shallowest DEP-5 monitor well cluster is relatively young, but it does not appear to be as oxidizing as water of the same age in the vicinity of monitor well clusters DEP-1, 2 and 3.

A scenario explaining the elevated molybdenum levels in ground water is not as well supported. The apparent absence of molybdenum in pyrite analyzed by Dr. Pichler contradicts other analyses of sulfide minerals in Hawthorn Group carbonates (Fischler and Arthur, 2008), but the identification of powellite in only two samples does not support the conclusion that this is the major host phase for the molybdenum that is being released to ground water.

Dr. Stein evaluated the data accrued by this study with the geochemical program PHREEQC (Parkhurst and Appelo, 1999) which allowed her to input possible mixing scenarios of shallow and deep aquifer ground water. By calibrating her model to actual site data, she was able to offer a substantive hypothesis that built on Dr. Pichler's conclusions in regards to the release of the high levels of arsenic and molybdenum. Water quality results from one of the surficial monitor wells were used to represent the composition of the surficial aquifer. For this end-member, monitor well Surficial MW-1 was selected because monitor wells Surficial MW-2 and Surficial MW-3 appear to be intercepting water affected by the local phosphate operation and Surficial MW-6 is in an agricultural area. Data from monitor well DEP-2 (300-320') from the April 2009 sampling event were used for the deep-aquifer water. The resulting solution was then mixed in equal proportions with water from the two end members. A 50 to 50 ratio was chosen as an initial estimate because chloride (generally considered to behave conservatively) is present at nearly the same concentration in each of the end-members (12 mg/L in Surficial MW-1, 13 mg/L in DEP-2 (300-320')); other considerations were

made for redox and temperature. This mixture was then equilibrated with calcite, dolomite, and powellite.

Overall, the agreement between the computed solution composition, based on mixing of the two end members and the data from the uppermost well screen in DEP-2 is reasonable. This approach should be explored further, but these preliminary results suggest that the ground water data may be used to support the scenario that was proposed by Dr. Pichler.

The concept of pyrite oxidation as the mechanism for arsenic mobilization in sulfidic environments has been explored before (e.g., Stein et al., 2005). Where conditions are oxidizing (ORPs generally $> +100$ millivolts (mV)) and iron is present as HFO, aqueous arsenic concentrations are low due to sorption of arsenate and/or arsenite onto the HFO surface. At extremely low redox conditions (ORPs $< \sim -300$ mV) and in the presence of HS^- , aqueous arsenic concentrations are low due to the formation of sulfides. The details of the mechanisms of arsenic uptake by sulfides remain speculative at this time, but may include sorption onto the surface of iron-sulfide phases, co-precipitation with iron-sulfides, and/or formation of discrete arsenic-sulfides or iron-arsenic-sulfides such as orpiment, realgar, or arsenopyrite. In between these two redox extremes, around $\text{ORP} = -150$ to -200 mV, neither HFO nor sulfides are stable, and aqueous arsenic concentrations are elevated. At sites where these mechanisms control ground water arsenic concentrations, the concentration data often display a triangular pattern, with the apex generally in the vicinity of -150 to -200 mV. The distribution of the Pritcher Road ground water arsenic data is consistent with this pattern. This scenario is supported by geochemical modeling (using PHREEQC), results from which show the stability of iron-oxide phases at the high-ORP end, and the stability of various sulfides at the very-low-ORP end, and undersaturation in ground water with respect to all of these phases in the intermediate range.

The presence of molybdenum may be due to the relatively high solubility of powellite. However, this conclusion must be qualified by the apparent scarcity of this mineral in the cores that were analyzed for this study. If powellite is the primary source of molybdenum to ground water at this site, either it is present in greater concentrations than were observed in the cores analyzed for this study (possibly because its dominant mode of occurrence is in grains that were not detected in the thin section, scanning electron microscope, or microprobe work), or molybdenum is associated with some other phase(s), including HFO, and is being released to ground water by reductive dissolution or other mechanisms resulting from ground water mixing. Estimates of the powellite solubility constant vary but are generally around $\log k = -7.93$ (Felmy et al., 1992), which is similar to calcite ($\log k \sim -8.4$) but much higher than for pyrite ($\log k \sim -18.5$; Vminteq.v4 database). The correlation of arsenic and molybdenum in ground water at the Lithia site appears to be due to integration of the water chemistry in the aquifer, and not necessarily because they have a common source (i.e., a single solid phase). It is plausible that the arsenic and molybdenum both originated in pyrite and subsequent diagenetic reactions, including pyrite oxidation, resulted in arsenic-rich pyrite, arsenic sorbed onto HFO, and molybdenum (with some arsenic) in powellite due to the abundance of available calcium and the relatively high solubility of CaMoO_4 . Results from geochemical modeling (using PHREEQC (Parkhurst, 1999)) are consistent with this scenario.

Summary, Conclusions and Recommendations

In response to the request for assistance to identify source(s) responsible for the elevated concentrations of arsenic and molybdenum present in water in the Lithia area of Florida, SIS initiated a complex investigation that evaluated the area's hydrogeology and

geochemistry. The hydrogeology was examined through a network of clustered deep monitor wells and an assemblage of surficial aquifer monitor wells that were installed to evaluate three different aquifers which are tapped by area wells including a municipal well field that withdraws up to 44 million gallons of water per day. A host of different chemical parameters were sampled for and analyzed to characterize the nature and quality of ground water within these different ground water horizons. The collection of samples from over 100 private supply wells was also included in this assessment. Dr. Thomas Pichler participated in the design and implementation of the study and provided analyses of the collected data. Other geochemists familiar with the geochemical aspects pertaining to arsenic, including Dr. Carol Stein, participated by providing review and scrutiny of the assessment's results. Key findings of this study are presented below.

With respect to depth, the lithologic profile encountered at the Pritcher Road site is consistent. From land surface to about 40 feet BLS, undifferentiated Holocene and/or Pliocene age sands are present. Below this interval is the Peace River Formation, a Pliocene / Miocene aged stratum that is composed of interbedded quartz sands, phosphate, clays and carbonates. Within this formation is the Bone Valley Member, a rich phosphatic lithologic interval. Below the Bone Valley is phosphatic grey lime mud that contains abundant mud rock fragments. This interval ranges approximately 70 to 100 feet in extent and is a component of the Arcadia Formation which is a Miocene / Oligocene aged unit of the Hawthorn Group. Chert was encountered at all well cluster locations ranging from 125 to 225 feet BLS. The chert is associated with tan lime mud and fossiliferous limestone amid intervals of quartz sand and green marine clay. The lower extent of this lithology is part of the Tampa Member of the Arcadia Formation. The Tampa Member extends to approximately 230 feet BLS across the site where it comes in contact with the Oligocene aged Suwannee Limestone, a geologic unit comprised of lime mud, lime sands and limestone. The competent limestone is often fossiliferous (casts and impressions) and contains abundant pore spaces. In the

subsurface sediments, arsenic is elevated at three different depths and at each of these depths, it is associated with different elements. At 30 feet BLS, only arsenic and iron were elevated, while at 150 feet BLS, only arsenic and molybdenum were elevated; at 200 feet BLS, only arsenic, iron and sulfur were elevated.

There is a surficial aquifer system present in the study area that is generally encountered from five to 30 feet BLS. This aquifer is unconfined and is a subdued reflection of the land's surface topography. Below the surficial aquifer is a confined Intermediate aquifer system which occurs within the relatively thin, discontinuous limestone (dolomite) beds and sands (including chert) of the Hawthorn Group. These saturated sediments are encountered from approximately 50 to 175 feet BLS within the study site. The shallowest monitor well in each of the installed DEP clusters (interval approximately 143 to 173 feet BLS) screens these sediments that house the Intermediate aquifer's basal extent. The differences in hydraulic head measured between clustered surficial and Intermediate aquifer monitor wells likely reflect the pumping influence of the South Central Hillsborough Regional Well Field drawing down the Intermediate aquifer. Despite differences observed in seasonal hydraulic head measurements within the network of Intermediate wells (nearly 15 feet), the shape of the depressed ground water surface across the site due to pumping remained rather consistent. Flow within the Intermediate aquifer is generally west across the study area until its interaction with the well field. Once beyond the field's pumping influence, ground water within this aquifer continues its westerly flow direction. At each SIS cluster location, the deepest three monitor wells screen the Floridan aquifer, which is under confined artesian conditions. The shallowest well of these three is set in the Tampa Member of the Hawthorn Group's Arcadia Formation (late Miocene/early Oligocene) that represents the top of the Floridan aquifer in this area of Florida. Each cluster's two deepest wells intercept the Suwannee Limestone. A comparison of hydraulic heads between clustered monitor wells set in the Intermediate and Floridan aquifers shows that the Intermediate aquifer well typically has

a higher hydraulic head than its clustered Floridan aquifer monitor well counterpart. This confirms the presence of a downward recharge potential. Ground water flow within the Floridan aquifer across the study site is from the northeast towards the southwest. Although the Floridan aquifer in this area is utilized by the South Central Hillsborough Regional Well Field (with pumping wells extending to 900 feet BLS), the hydraulic gradient across the site remains consistent with a slightly depressed ground water surface which is contrary to that of the Intermediate aquifer. Pneumatic slug test results indicate varied hydraulic conductivity values across the site within comparable portions of the aquifer matrix. Conductivity values of monitor and supply wells range from 1.6 to 42.8 feet per day. This diverse range may be linked to the amount of marl or other fine sediments present within a well's open-hole or screened interval or perhaps the presence of nearby fractures (in potentially different stages of dissolution) within the carbonate strata.

Ground water parameters measured across the site demonstrated some variability. Specific conductivity ranged between 131 and 3,406 microSiemens per centimeter. The highest and lowest readings were associated with SIS installed wells monitoring the surficial aquifer. The two highest conductivity values measured were during the purging of monitor wells positioned on the Mosaic property located adjacent to its settling ponds. Across the site, pH ranged between 5.35 to 10.06 Standard Units. The lower pH measurements were generally linked to surficial aquifer monitor well samples. The most elevated pH readings were associated with monitor well DEP-1(145-165') which are likely an artifact of grout that may have leached into the well's sand pack during construction. Dissolved oxygen ranged from 0.02 milligrams per Liter to 7.62 milligrams per Liter. The higher dissolved oxygen measurements were associated with supply wells and wells monitoring the surficial aquifer. ORP was moderately negative to positive with readings ranging from -341 to 380 millivolts. Generally, the deeper monitor and supply wells had the most negative ORP values, indicative of reducing conditions.

Ground water analytical results from supply well samples indicate that water quality encountered within the Floridan and Intermediate aquifers across the site generally falls within expected norms except for infrequent outliers and elevated concentrations of arsenic and molybdenum. Outliers include two supply well samples reported to exceed the 10 mg N/L limit for nitrite-nitrate (NO₂NO₃-N); two well samples had significant levels of organic carbon (230 and 220 mg C/L); two well samples had elevated levels of antimony (13.8 and 8.31 ug/L); samples collected from the 8710 County Line Road supply well during an initial sample event had anomalous levels of aluminum and chromium. A confirmatory sample event for this well reported typical background levels for these analytes. Several supply wells sampled by SIS (20 out of 102) were identified to have impact by arsenic above that metal's Primary Standard. Most of the wells are located north of Nichols Road with the highest levels being reported in wells located on Pritcher Road. Other addresses not on Pritcher Road but with notable arsenic levels include tracts on Pritcher Manor Court, Carey Road, Hartley Lane, Bob Wiggs Avenue, Rockn T Ranch Road and County Line Road. Arsenic levels in resampled supply wells during the course of this study remained relatively consistent with a few exceptions, most notably in the 8710 County Line Road well, where levels ranged from a high of 24.5 ug/L to a low of 0.61 ug/L. Some of these trends of high to low concentrations are also evident in results reported by the Hillsborough County Health Department from their sampling of community wells. The average open-hole interval of these arsenic laden wells with known completion details is from 135 to 212 feet BLS (generally tapping the Intermediate aquifer). Over half of the supply wells sampled by SIS were reported to be laboratory nondetect for arsenic. Molybdenum was identified in concentrations exceeding its assigned HAL in several supply well samples collected throughout the Pritcher Road site (30 out of 102). Several more wells had concentrations of molybdenum that surpassed the metal's Minimum Criteria (35 ug/L) as defined in

Chapter 62-777, FAC. Supply well samples demonstrating elevated concentrations of molybdenum also had relatively high levels of arsenic.

As in the case of the supply well samples, ground water analytical results from monitor well samples indicate that water quality encountered within the Floridan and Intermediate aquifers across the site is usually within expected norms except for infrequent outliers and elevated concentrations of arsenic and molybdenum. Slightly elevated levels of NO₂NO₃-N observed in monitor well DEP-1 (145-165') during the first two SIS sample events fell to levels typical of other well samples in later samplings. Higher aluminum concentrations reported in the initial shallow DEP-1, 2 and 3 cluster interval samples, decreased to unremarkable levels during the remaining sample events. Antimony's Primary Standard of 6 ug/L was approached in a monitor well sample result (5.9 ug/L in DEP-1 (145-165')). This value never replicated itself falling to a level of 0.36 ug/L during the final sample event. Concentrations of arsenic exceeding the metal's Primary Standard of 10 ug/L were observed in monitor wells from all clusters excluding DEP-5. The distribution of arsenic's more elevated concentrations within the different screened intervals with respect to depth was not consistent. Concentrations of arsenic above the Primary Standard were reported in samples from four of the five shallow interval monitor wells (approximately 146-166' BLS), two of the monitor wells that span the second interval (approximately 200-220' BLS), two of the monitor wells that span the third interval (approximately 250-270' BLS) and none of the deepest monitor wells (300-320' BLS). Arsenic levels reported in SIS monitor well samples above the Primary Standard ranged from 11.2 to 188 ug/L. The distribution of elevated concentrations of molybdenum was similar to that of arsenic, that is, elevated levels of molybdenum were observed in monitor wells from all clusters excluding DEP-5. The distribution of the elevated concentrations of molybdenum within the different screened intervals with depth was not consistent although the three highest concentrations were reported in the shallow monitor wells associated with clusters DEP-1, 2 and 3.

A review of the results from samples collected from the network of SIS installed surficial aquifer monitor wells indicate that the bulk of atypical results were associated with wells positioned adjacent to the Mosaic settling ponds including exceedances for aluminum, iron, manganese, sodium, and sulfate. Concentrations reported present in surficial aquifer monitor well samples for the other analytes including antimony, arsenic, and molybdenum, were unremarkable.

Historical environmental monitoring data for arsenic from the Mosaic facility monitor well network appear routine except for concentrations associated with four surficial aquifer monitor wells, one Intermediate aquifer monitor well and one Floridan aquifer monitor well. During their sampling history, each of these wells has at least one reported exceedance of arsenic. Samples from the shallow well MWM-3R (21-41') have historically had the highest concentrations of arsenic detected in a Mosaic monitor well; this well's average arsenic concentration during the 1984 to 2007 monitoring period is approximately 40 ug/L. Samples from Intermediate aquifer monitor well MWC-7C (65-85'), have shown rather consistent levels of arsenic ranging from 5 to 14 ug/L. Floridan aquifer monitor well MWC-11 (105-500') had a reported arsenic concentration of 54 ug/L during an October 2006 sample event; arsenic was also present in the well (8 ug/L) during an October 1985 sample event. All other arsenic results associated with this well since its installation have been reported laboratory nondetect. Thus, it would appear that this facility is not a significant contributor of arsenic to the site area due to the relatively low concentrations of arsenic reported by the Mosaic monitor well network and that several supply wells located hydraulically downgradient of the facility are nondetect for arsenic.

It is concluded that the ultimate source of the arsenic and molybdenum found in ground water is likely the sulfides found in the carbonate bedrock units. Data collected for this study establish the presence of abundant arsenic-bearing pyrite in the FDEP lithologic cores. Other investigators (e.g., Fischler and Arthur, 2008) report pyrite

containing significant arsenic as well as molybdenum in Hawthorn Group carbonates. However, the analytical results from Dr. Pichler's work suggest that molybdenum is present only at very low concentration in pyrites in the FDEP cores. Nevertheless, a 'lines of evidence' approach, outlined below, may be appropriate to support the conclusion that the origin of the arsenic and molybdenum is not anthropogenic.

- The bulk of the solid-phase arsenic appears to be associated with iron, either in pyrite or sorbed onto hydrous ferric oxide within the aquifer matrix primarily from the Intermediate aquifer.
- Stable isotope and tritium values for those private wells with elevated arsenic and molybdenum fall into the same range as the shallow monitor wells which suggests that rapid infiltration of younger ground water is likely since the ages between waters collected from the very shallow wells (approximately 30 feet BLS) is basically the same age as those for samples collected from depths of around 150 feet to 170 feet BLS, while samples collected from intervals just 30 feet deeper are much older. Ground water movement and mixing of different ground waters probably provide the largest impacts on the stability of pyrite and powellite.
- The Tampa Bay Water South Central Hillsborough Regional Well Field, which withdrawals 24.1 to 44.6 million gallons of water per day, provides the most impact to area aquifers and associated ground water movement. Local agricultural irrigation wells, especially during times of freeze protection, and private supply wells working collectively, also pump large amounts of water from area aquifers.
- Monitor well clusters DEP-4 and DEP-5, which are geographically removed from the Pritcher Road area where arsenic levels in ground water are highest, undergo the same water level fluctuations observed in the other monitor well clusters, but show much lower molybdenum and arsenic values. Considering that DEP-5 undergoes the same water level fluctuations as the other four monitor well

clusters, it becomes evident that in the Pritcher Road area, complex geological, hydrological and physicochemical conditions occur, which promote the release of molybdenum and arsenic.

- Where conditions are oxidizing (ORPs are generally greater than +100 mV) and iron is present as HFO, aqueous arsenic concentrations are low due to sorption of arsenate and/or arsenite onto the HFO surface. At extremely low redox conditions (ORPs are generally less than -300 mV) and in the presence of HS^- , aqueous arsenic concentrations are low due to the formation of solid-phase sulfides. In between these two redox extremes, around $\text{ORP} = -150$ to -200 mV, neither HFO nor sulfides are stable, and aqueous arsenic concentrations are elevated. Samples from the shallowest intervals from DEP-2 and DEP-3, which are highest in arsenic and molybdenum, do in fact have the highest ORP measurements measured in the deep monitor wells. In the case of DEP-5 (which appears to have mineralogy very similar to DEP-1 and DEP-2), the ORP values are considerably lower in the screened intervals which suggests that the mineralogy is correct for elevated arsenic/molybdenum values in ground water but the redox conditions are not.

In summary, a combination of conditions is responsible for the elevated concentrations of arsenic and molybdenum in ground water in the Pritcher Road area of Lithia. Arsenic is present naturally in the sulfides found in the carbonate bedrock units that house the aquifers tapped by local residents. Molybdenum is present in the mineral powellite, which was identified in two of the core samples examined in this study. At present, the abundance and distribution of this phase in site bedrock is not known, nor have any other molybdenum minerals been identified in the local lithologies. Where molybdenum and arsenic minerals are found in a natural setting, these metals are stable within the rock matrix and do not leach into the ground water. However, due to a

mechanism(s) yet to be fully understood but likely associated to ground water movement / mixing associated with pumping activities, ORP values within the tapped aquifers which should be under very reducing conditions, are altered so that they fall between two redox extremes where neither HFO nor sulfides are stable. This in turn allows arsenic to leach into the ground water and eventually affect area supply wells. The reason for this ORP value shift is likely represented by several circumstances caused by ground water movement since ORP is reflective of a combination of the effects from all dissolved species in the ground water. The mechanism(s) responsible for leaching of molybdenum into ground water are less clear but may involve either disequilibrium with respect to pyrite and/or powellite, or reductive dissolution of HFO and release of sorbed molybdenum.

SIS recommends that a more comprehensive study of the local and regional hydrogeology in the Lithia area be performed. In particular, continuously recording pressure transducers should be installed in the FDEP wells and in selected (high arsenic and molybdenum) residential wells so that both short- and long-term fluctuations in area aquifers can be monitored. The production of a regional ground water flow model (particle track or otherwise) is advocated. The modeling of ground water flow in conjunction with the well field pumping, with emphasis on the third dimension is critical since vertical mixing is a key component. This may be difficult to represent without a substantial, focused effort and collection of additional data. Further examination of lithologic cores from the site is warranted including detailed petrographic work, electron microprobe analyses, and possibly analysis by x-ray absorption spectroscopy, in order to resolve the source(s) of molybdenum in this system. Batch or column experiments with core material containing powellite and/or pyrite should be considered. These experiments would entail flushing core samples with water having different dissolved oxygen and ORP characteristics and analyzing the effluent for arsenic, molybdenum, and other trace metals. It is recommended that pyrites from the Lithia cores be re-analyzed

by electron microprobe with a detection limit of at least 0.02% for molybdenum because if pyrite is the source of arsenic in this system, it may also be the ultimate source of molybdenum with the powellite being formed as a secondary alteration product.

The nature of these types of study is more research in scope and beyond the boundaries of a typical SIS assessment. The Florida Geologic Survey and perhaps the Southwest Florida Water Management District are best equipped with knowledgeable and capable staff who could build on the findings presented by this assessment of the Lithia area.

Given that the hydrogeology and geochemistry observed at the Lithia site are ubiquitous in much of this State, the observed scenarios are likely replicating themselves at other locations in Florida, or have the potential to do so in the future in areas experiencing rapid development. Since Florida's prosperity is dependent upon its access to clean drinking water, additional knowledge to better understand the mechanisms responsible for the release of arsenic, molybdenum, and other potentially toxic metals in normally very stable geochemical environments is imperative.

References

- Arthur, J.D., Dabous, A.A. and Cowart, J.B., 2005. Water-Rock Geochemical Consideration for Aquifer Storage and Recovery: Florida Case Studies. In: C.F. Tsang and J.A. Apps (Editors), *Developments in Water Science*. Elsevier, Amsterdam, pp. 327-339.
- ASTDR, 2008. Agency for Toxic Substances and Disease Registry.
<http://www.atsdr.cdc.gov/atsdrhome.html>.
- City of Boulder, 2008. Ground Water Quality Monitoring,
<http://bcn.boulder.co.us/basin/data/BACT/info/NH3.html>.
- Chappell, W.R. 1975. Transport and biological effects of molybdenum in the environment. In: *Heavy metals in the aquatic environment*. P.A. Krenkel, ed. Pergamon Press Ltd., Oxford.
- Connected Water, 2009. Australian Bureau of Rural Sciences,
http://www.connectedwater.gov.au/framework/stable_isotopes.php.
- Felmy, R., D. Rai, and M. J. Mason, 1992. The solubility of $\text{CaMoO}_4(\text{c})$ and an aqueous thermodynamic model for $\text{Ca}^{+2} - \text{MoO}_4^{-2}$ ion interactions. *Jour. Solution Chem.* 21(6):525-532.
- Fischler, Cindy and Jonathan D. Arthur. Geochemical, Mineralogical and Petrographic Characterization of Rocks comprising the Upper Floridan Aquifer in South Florida, Review Copy 6/27/2008. Florida Department of Environmental Protection Florida Geological Survey, Tallahassee Fl, 32304.
- Florida Administrative Code Chapters 62-520, 62-550, 62-777, 62-785, February 2005, Tallahassee, Florida.
- FDEP Bureau of Mine Reclamation, Phosphate Management Program, 2008. State of Florida Phosphate Management Facility Permit (FL 0030139).
- FDEP Biology Section, Bureau of Laboratories, Division of Resource and Assessment Management, 2007. Biological Assessment of Mosaic Phosphates Company Nichols Plant, Polk County, NPDES #FL0030139.
- FDEP Comprehensive Quality Assurance Plan for Ground Water and Soil Sampling, March 2008.
- FDEP Digital Raster Graphics Quadrangle Maps (100K), 2008.

References (Continued)

- FDEP Division of Water Resource Management, 2002. Group 2 Basin Status Report, Tampa Bay Tributaries Including the Hillsborough, Alafia, Little Manatee, and Manatee Rivers. Tom Singleton, Environmental Consultant, Florida Department of Environmental Protection, 2600 Blair Stone Road, Mail Station 3565
- FDEP Geological Survey, 1992. Florida's Ground Water Quality Monitoring Program Background Hydrogeochemistry, Florida Geological Survey Special Publication No. 34.
- FDOH, 2009. Florida Department of Health,
www.doh.state.fl.us/Environment/community/health-advisory/HAL_list.pdf
- FDOT, 2008. Surveying and Mapping Office aerial photographs.
- Felmy, A.R., D. Rai, and M. J. Mason, 1992. The solubility of $\text{CaMoO}_4(\text{c})$ and an aqueous thermodynamic model for $\text{Ca}^{+2} - \text{MoO}_4^{2-}$ ion interactions. Jour. Solution Chem. 21(6):525-532.
- Fischler, C. Florida Geological Survey E-mail communication January 28, 2012.
- Fischler, C. and J. D. Arthur, 2008, Geochemical, mineralogical and petrographic characterization of rocks comprising the Upper Floridan Aquifer in South Florida. Review Copy 6/27/2008; Grantor Agreement 4500012952 and FDEP-FC389.
- Geoprobe, 2001. Geoprobe Slug Test Analyses Software, Version 1.0, Salina, Kansas.
- Geraghty & Miller, Inc., August 1988. Well Construction and Hydrogeologic Testing of South Central Hillsborough Regional Well Field G & M Project No. TFO 484SC02.
- Hall, Trish, September 21, 1988. Grapefruit Safety Questioned, the New York Times,
<http://www.nytimes.com/1988/09/21/garden/grapefruit-safety-questioned.html>
- Handsard, Paul. Florida Geological Survey E-mail communication June 24, 2010.
- Hydrofocus, 2008. http://www.hydrofocus.com/Determining_water_sources.pdf
- INL (Idaho National Engineering and Environmental Laboratory, 2009.
<http://www.stoller-eser.com/FactSheet/alpha.htm>

References (Continued)

- Johnston, R.H., R.E. Krause, F.W. Meyer, P.D. Ryder, C.H. Tibbals, and J.D. Hunn, 1980. Estimated Potentiometric Surface for the Tertiary Limestone Aquifer System, Southeastern United States, Prior to Development. U.S. Geological Survey, Open-File Report 80-406, 1 map sheet.
- Jones, G.W. and Pichler, T., 2007. The Relationship between Pyrite Stability and Arsenic Mobility During Aquifer Storage and Recovery in Southwest Central Florida. *Environmental Science and Technology*, 41(3): 723-730.
- Lazareva, O. and Pichler, T., 2007. Naturally occurring arsenic in the Miocene Hawthorn Group, Southwestern Florida: implication for phosphate mining. *Applied Geochemistry*, 22(5): 953-973.
- Lichtler, William F. Geology and Ground Water Resources of Martin County, Florida. Florida U.S. Geologic Survey, Report of Investigations Number 23.
- Marks, Henry and Riggs, Gene Britt, 1974. *Rivers of Florida*; Atlanta Southern Press.
- McNeely, R.N., V.P. Neimanis, and L. Dwyer. 1979. Molybdenum. In: *Water quality sourcebook: A guide to water quality parameters*. Environment Canada, Inland Waters Directorate, Water Quality Branch, Ottawa.
- Motzer, William E., Ph.D., P.G. Age Dating Groundwater, <http://www.grac.org/agedatinggroundwater.pdf>, Todd Engineers, 2200 Powell Street, Suite 225, Emeryville, Ca 94608, 2009.
- ODNR (Ohio Department of Natural Resources), 2009. http://www.dnr.state.oh.us/water/pubs/fs_div/fctsht47/tabid/4134/Default.aspx
- Parkhurst, D.L. and C.A.J. Appelo, 1999, User's guide to PHREEQC (version 2) – a computer program for speciation, batch reaction, one-dimensional transport, and inverse geochemical calculations. U.S. Geol. Survey Water-Resources Investigations Report 99-4259, Denver, CO.
- Phillips, G.R., and R.C. Russo. 1978. Metal bioaccumulation in fishes and aquatic invertebrates: A literature review. EPA-600/3-78-103. U.S. Environmental Protection Agency, Washington, DC.
- Pichler, T., 2010. *Evaluating Elevated Arsenic and Molybdenum Concentrations at the Pritcher Road Site, Lithia, Central Florida; April 2010*. Report prepared for the Florida Department of Environmental Protection, Site Investigation Section.

References (Continued)

- Price, R.E. and Pichler, T., 2006. Abundance and mineralogical associations of naturally occurring arsenic in the Suwannee Limestone, Upper Floridan Aquifer. *Chemical Geology*, 228: 44-56.
- Schumacher, Brian, Ph.D., 2002. Methods for the Determination of Total Organic Carbon (TOC) in Soils and Sediments, United States Environmental Protection Agency Environmental Sciences Division, National Exposure Research Laboratory, NCEA-C-1282, EMASC-001, April 2002.
- Scott, Thomas M., 1988. The Lithostratigraphy of the Hawthorn Group (Miocene) of Florida. *Florida Geologic Survey Geological Bulletin No. 59*.
- Smedley, P.L. and Kinniburgh, D.G., 2002. A review of the source, behavior and distribution of arsenic in natural waters. *Applied Geochem.* 17, 517-568.
- Southwest Florida Water Management District, 2005. Arcview Shape Files of Floridan and Intermediate Aquifer Potentiometric Surfaces.
- Southwest Florida Water Management District, 1990. Effects of Christmas 1989 Freeze Event on Groundwater Levels, Number GB 980SC.
- Southwest Florida Water Management District, 2002. Saltwater Intrusion and the Minimum Aquifer Level in the Southern Water Use Caution Area, Draft.
- St. Petersburg Times, 2010. <http://www.tampabay.com/news/environment/water/during-record-cold-farmers-used-1-billion-gallons-of-water-daily-causing/1068208>, January 27.
- Stein, C.L., 2011. E-mail communication January 13, 2011.
- Stein, C.L., 2010. General conceptual model for arsenic and molybdenum in groundwater in Lithia, FL. Memorandum from Gannett Fleming to FDEP, July 29, 2010.
- Stein, C.L., W. C. Brandon, and D. F. McTigue, 2005. Arsenic behavior under sulfate-reducing conditions. *EPA Science Forum*, Washington, D.C. May 2005.
- Stewart, H.G., Jr., 1966. Ground Water Study of Polk County, Florida Geological Survey, Report of Investigations Number 44.
- Stokinger, H.E., 1981. The metals. In: *Patty's industrial hygiene and toxicology*, 3d ed., G.D. Clayton and F.E. Clayton, eds. John Wiley and Sons. New York.

References (Continued)

- Tampa Bay Water, 2007. Electronic Data Placed on Tampa Bay Water FTP Site by Simon DeWitt, Records Information Analyst, May 7, 2007.
- United States Geological Survey (USGS), 2006. Hydrology of Polk County, Florida, Scientific Investigations Report 2006-5320.
- Ure, A.M. and Berrow, M.L., 1982. In: Environmental Chemistry, Vol. 2, Chapter 3, Royal Society of Chemistry, London.
- White, W.A., 1970. Geomorphology of the Florida Peninsula, Florida Geological Survey Bulletin Number 51.

Figures

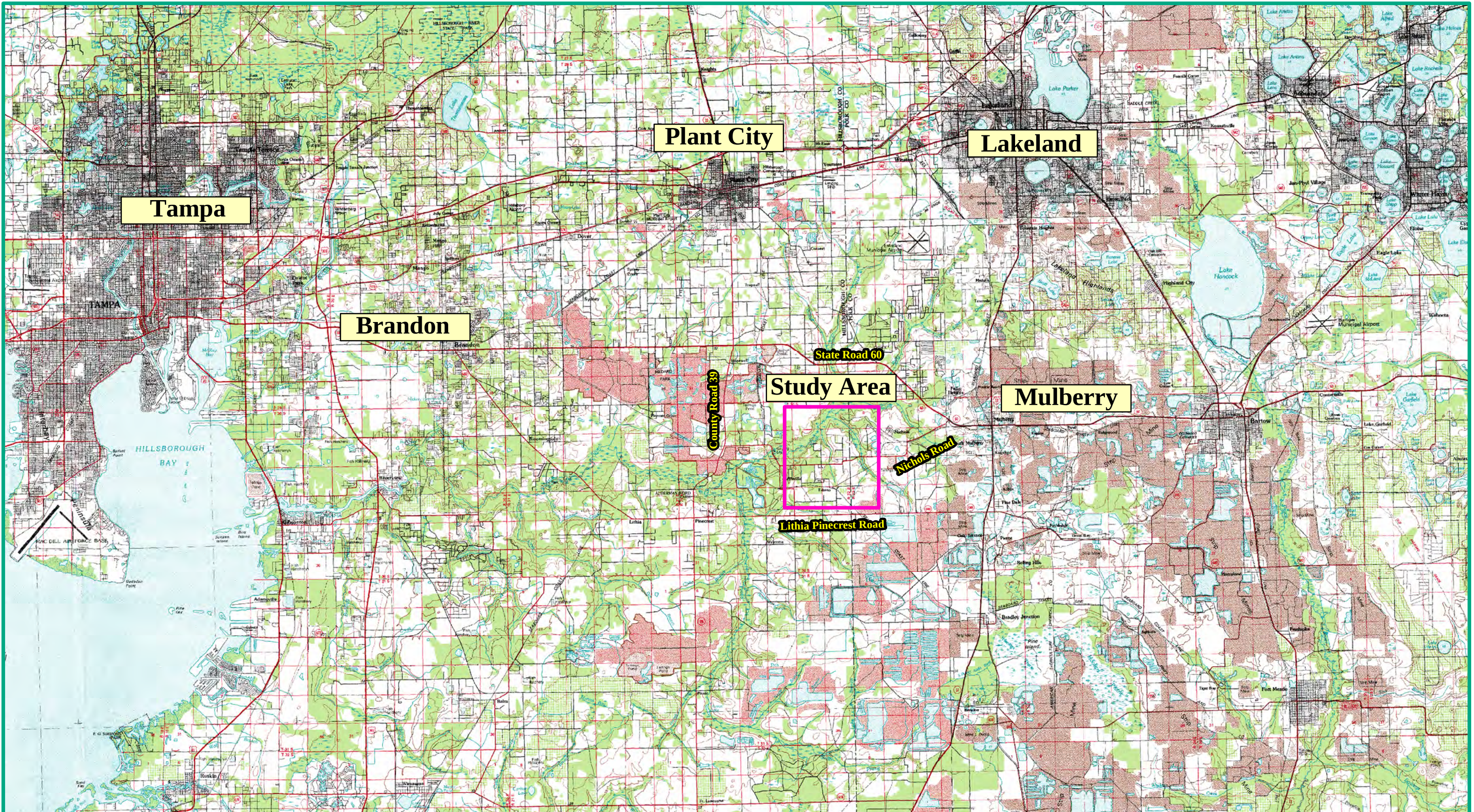


Figure 1
Study Site Location
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida



0 2
Miles



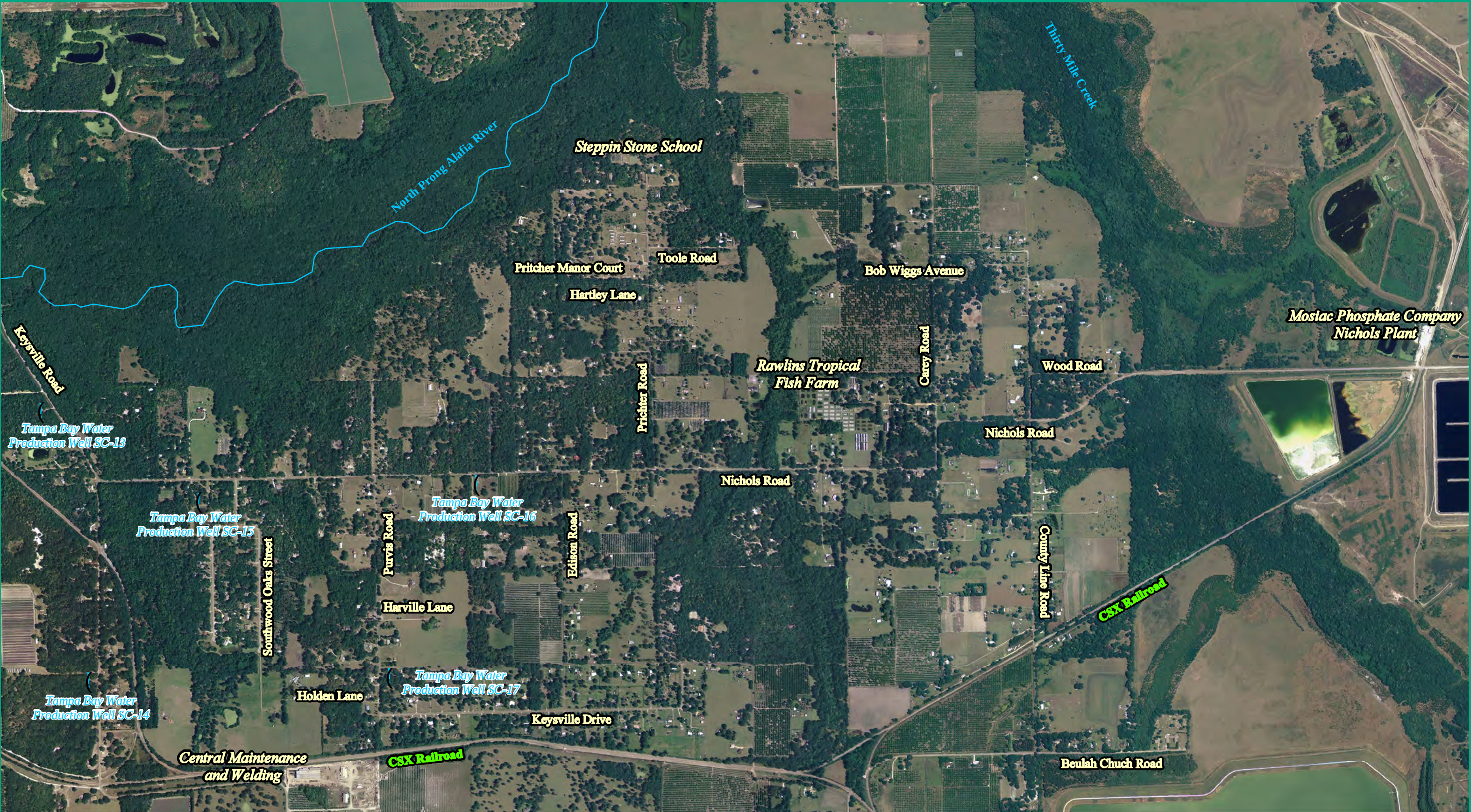
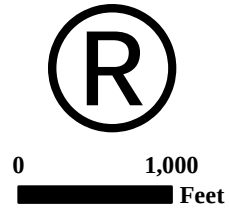


Figure 2
Study Site
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

(Tampa Bay Water Authority South Central Hillsborough Regional Well Field Production Well



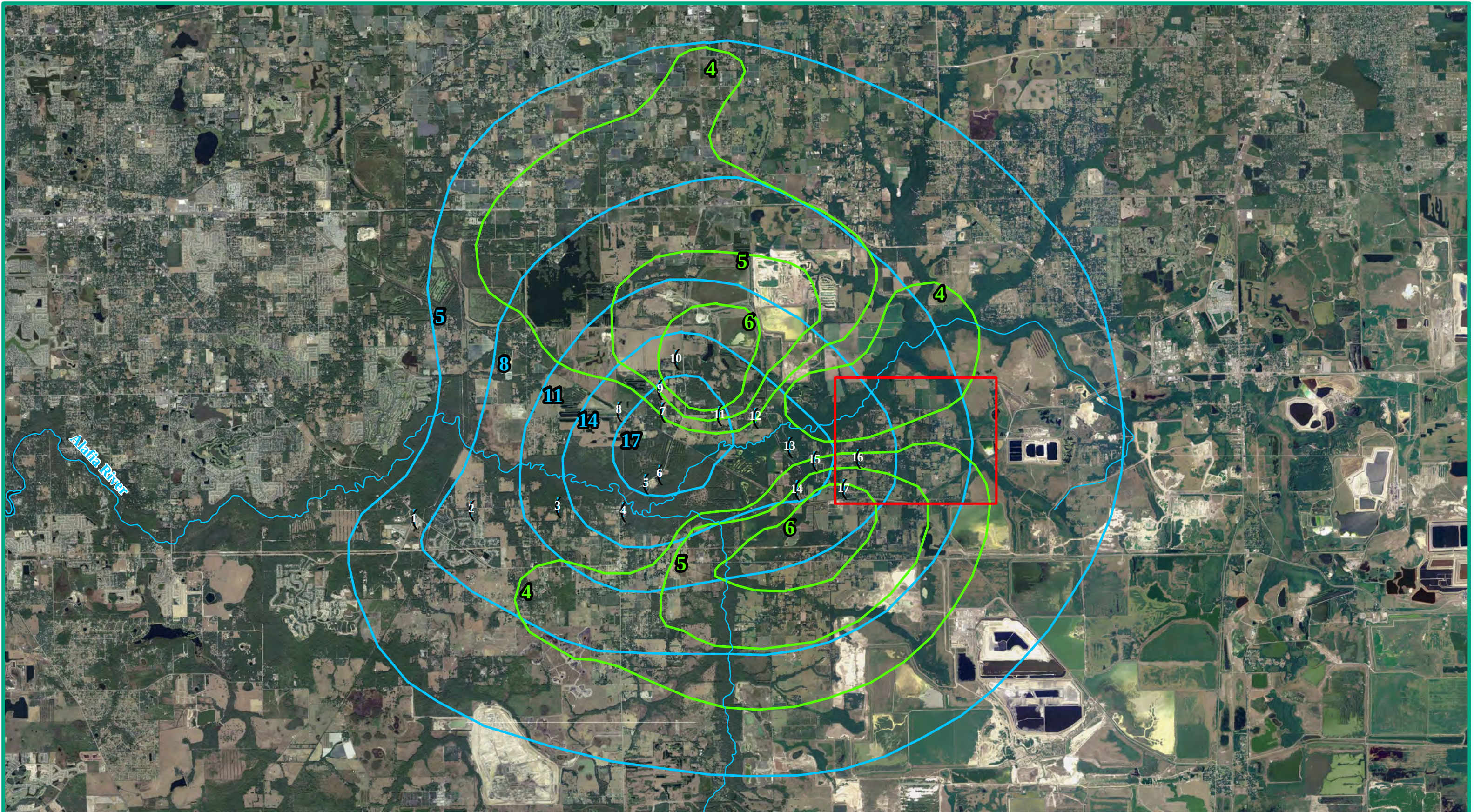
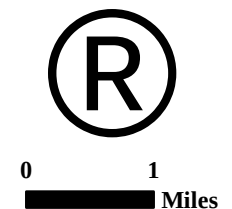
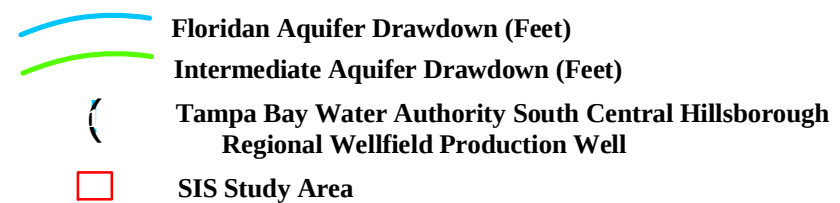


Figure 3
Simulated Well Field Drawdown (33 MGD-91 Days)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida



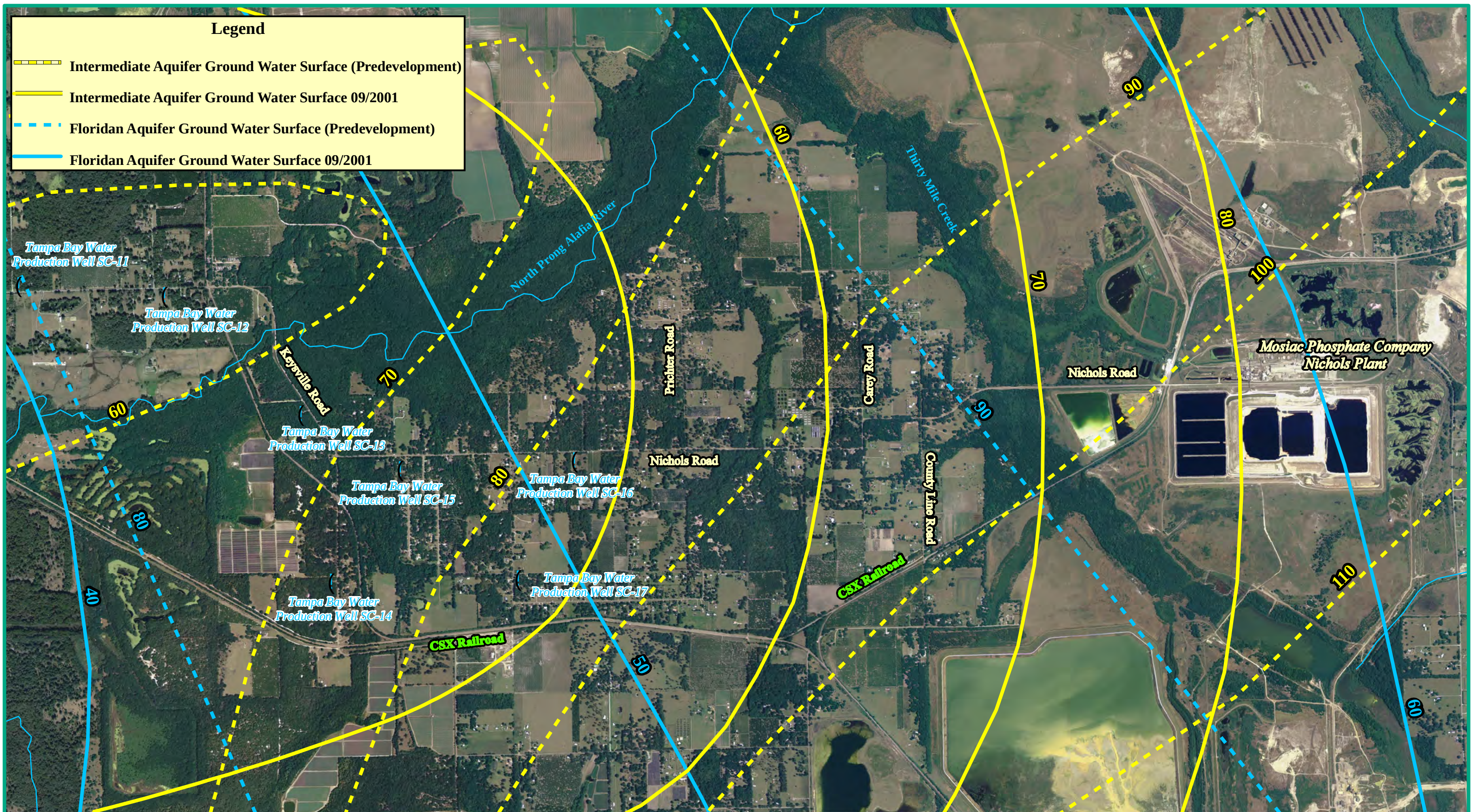
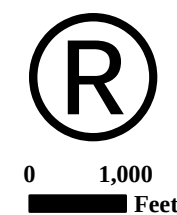
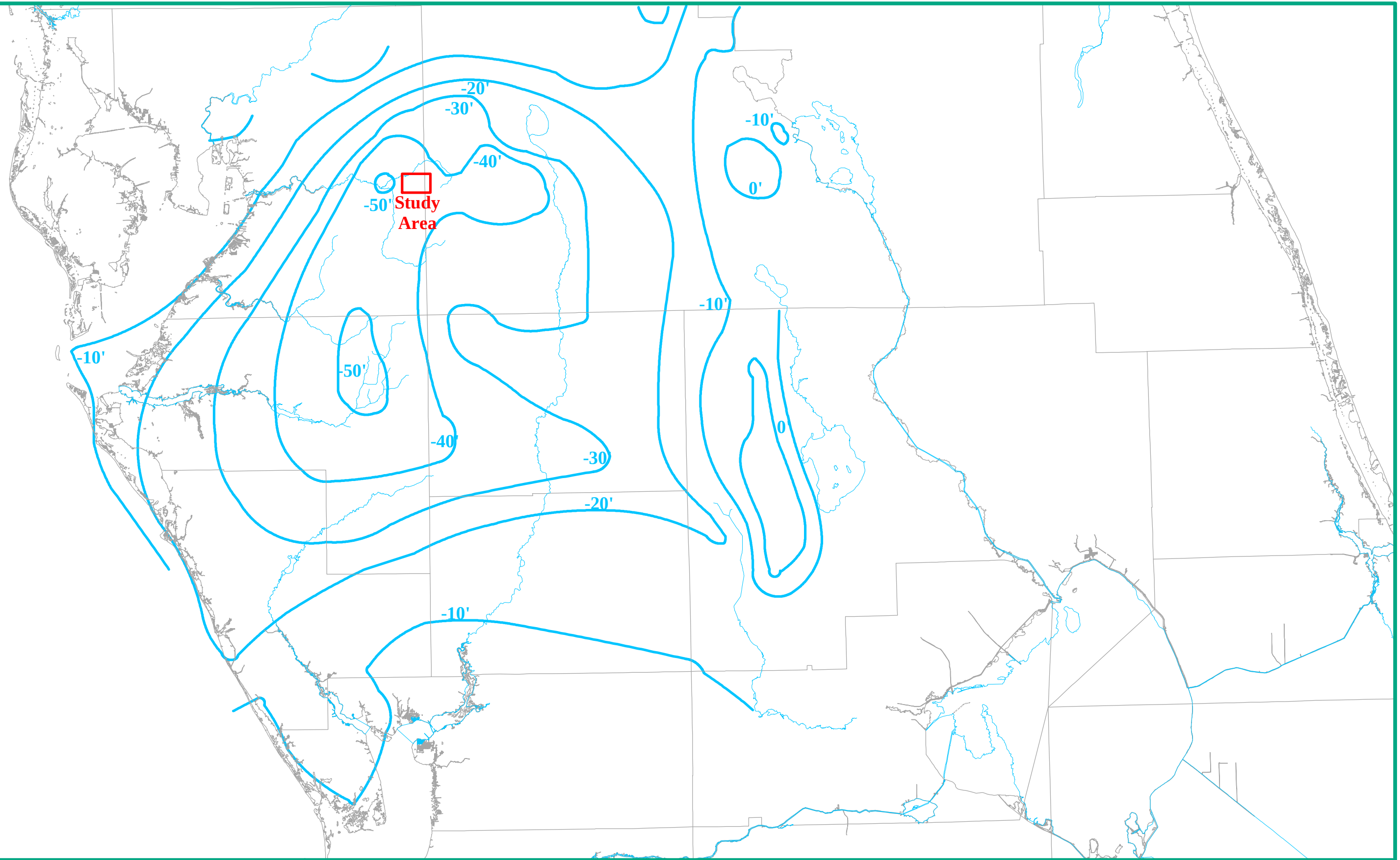


Figure 4
Comparisons of Predevelopment vs. Present Time
Floridan and Intermediate Aquifers' Ground Water Surfaces
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

(Tampa Bay Water Authority South Central Hillsborough Regional Well Field Production Well

Source: SWFWMD, 2005



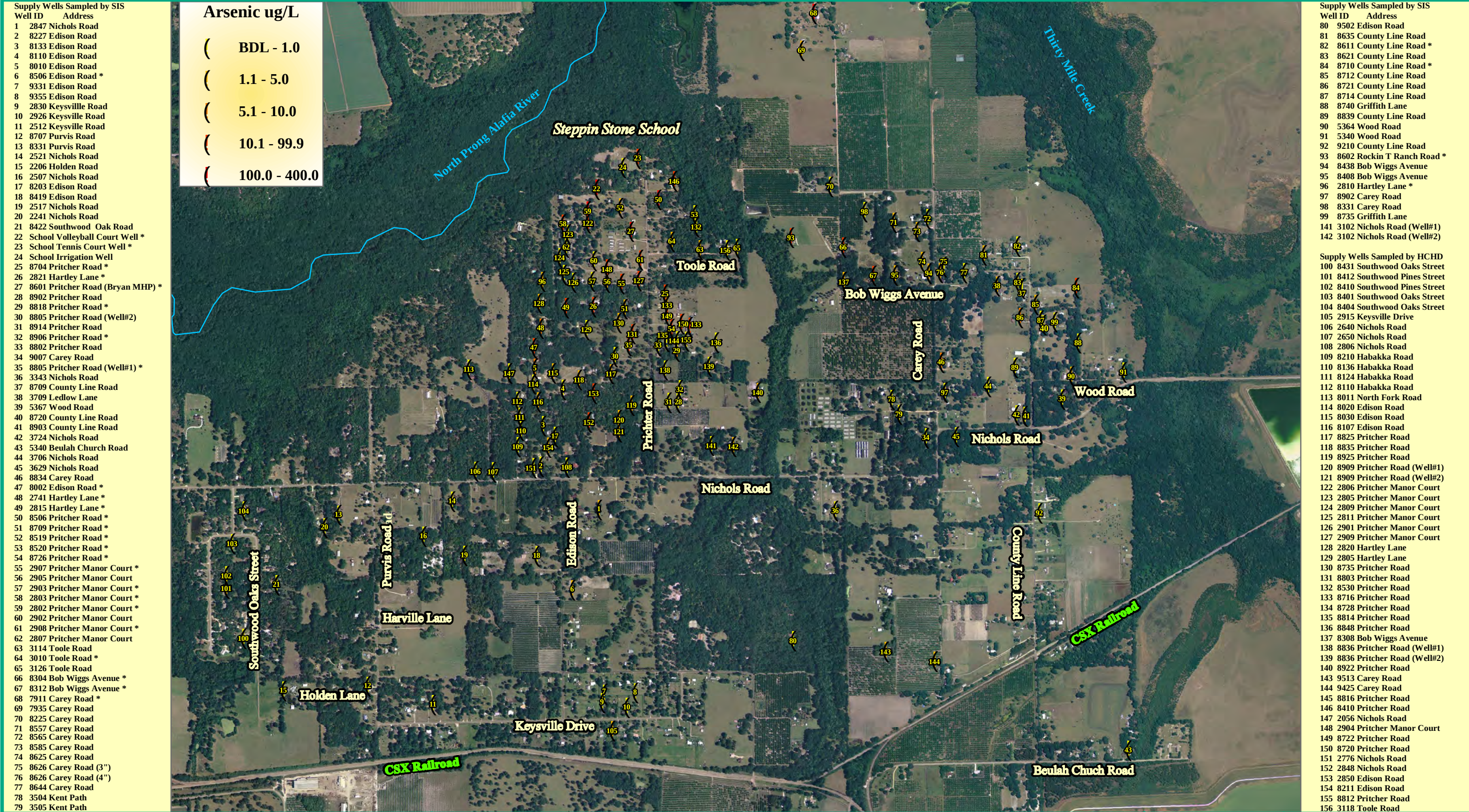


**Figure 5 Changes in the Upper Floridan Aquifer
Potentiometric Surface (Feet Below Land Surface)
Since Predevelopment Times (Approximate)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida**



0 10
Miles





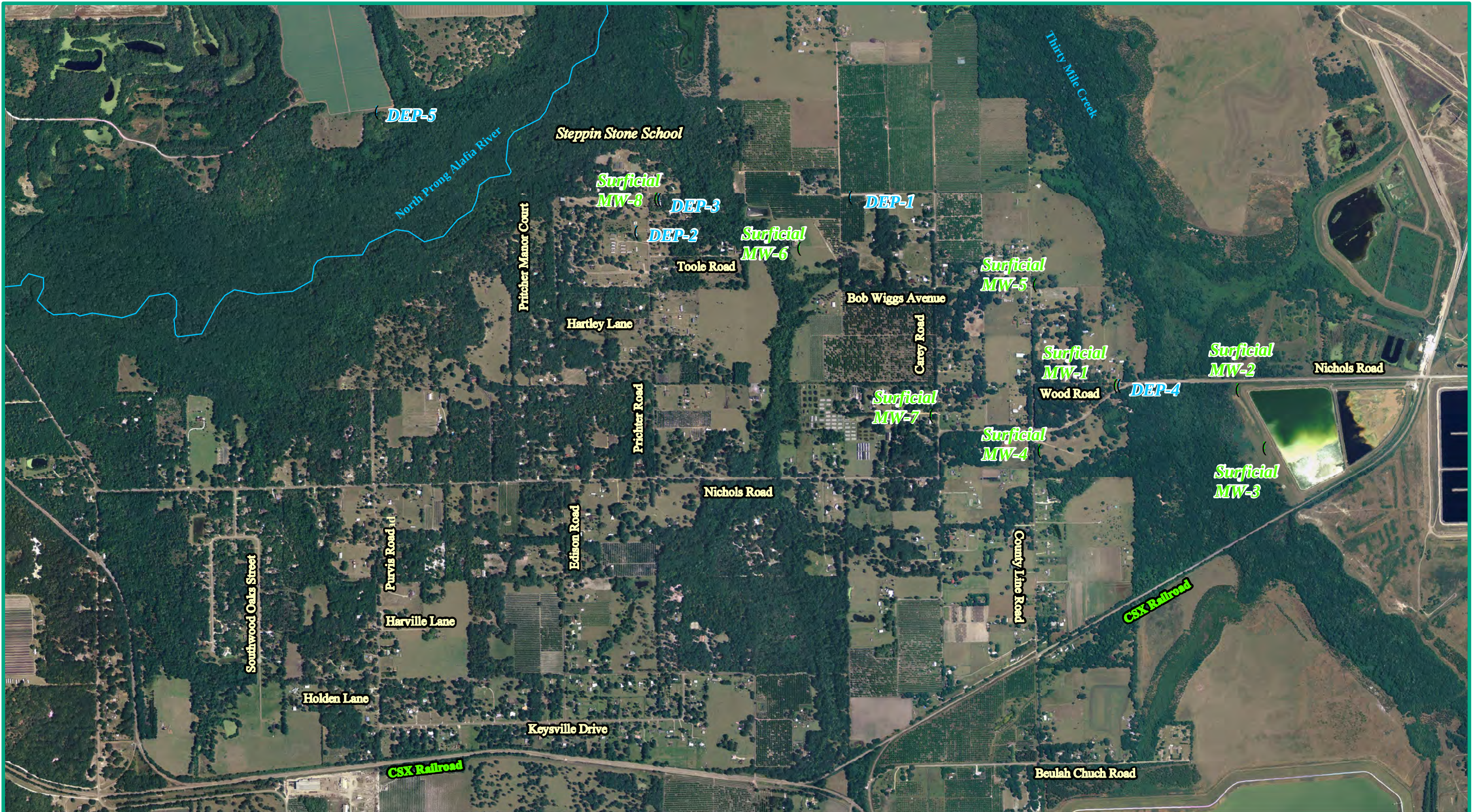
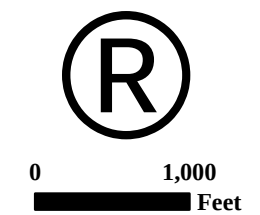


Figure 7
SIS Monitor Well Location Map
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (SIS Intermediate / Floridan Aquifer Monitor Well Cluster Location
- (SIS Surficial Aquifer Monitor Well Location



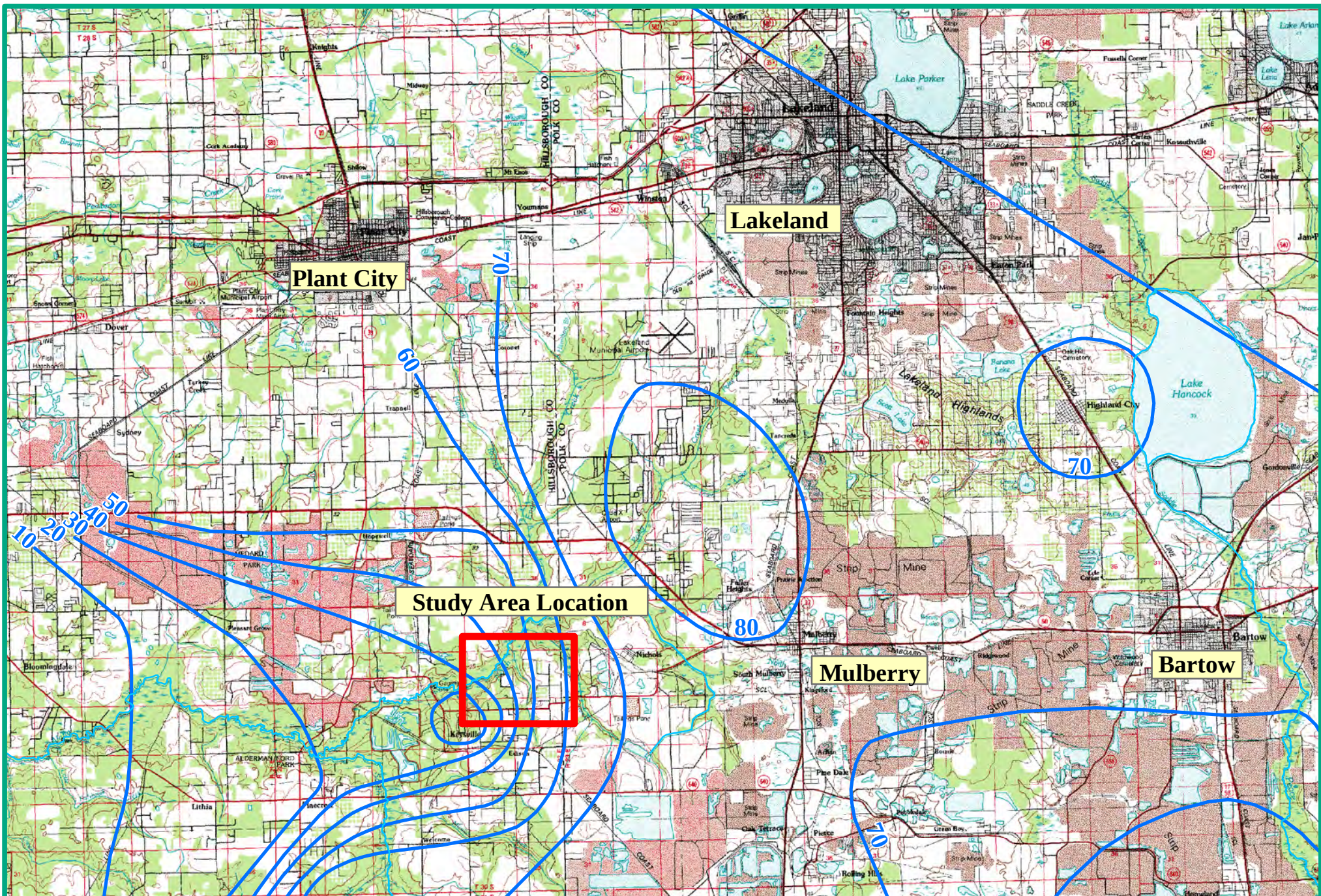
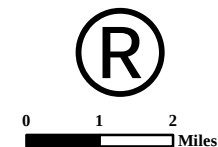


Figure 8
Regional Intermediate Aquifer Ground Water Surface Map
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida



Intermediate Aquifer Ground Water
Surface Contour Line (NGVD) May 2001
Southwest Florida Water Management District



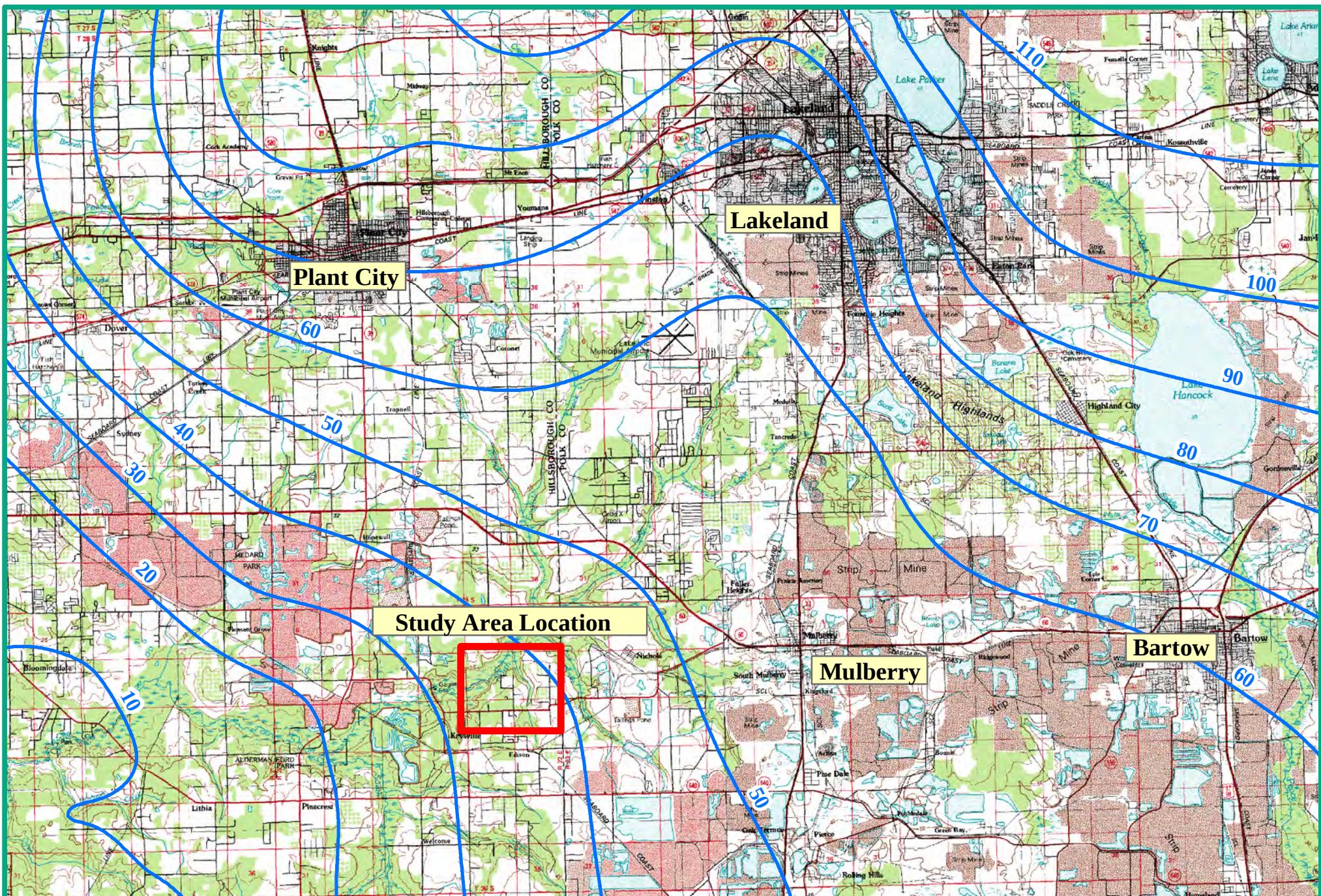


Figure 9
Regional Floridan Aquifer Ground Water Surface Map
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida



Floridan Aquifer Ground Water
Surface Contour Line (NGVD) May 2008
Southwest Florida Water Management District



0 1 2
 Miles



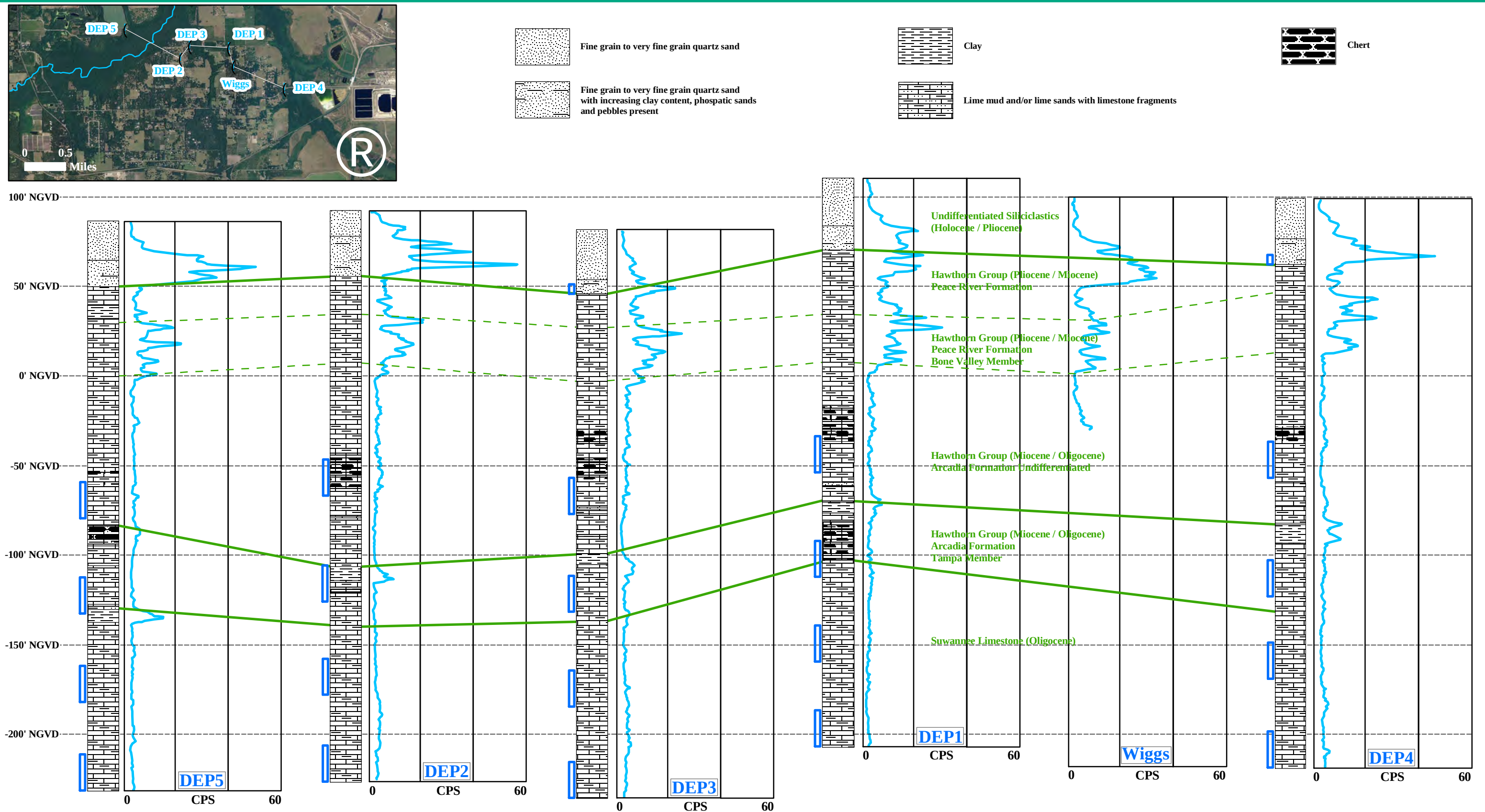


Figure 10
Gamma Log and Geologic Cross Section
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

CPS: Counts per Second

NGVD: National Geodetic Vertical Datum (1929)

DEP Monitor Well Screen Interval



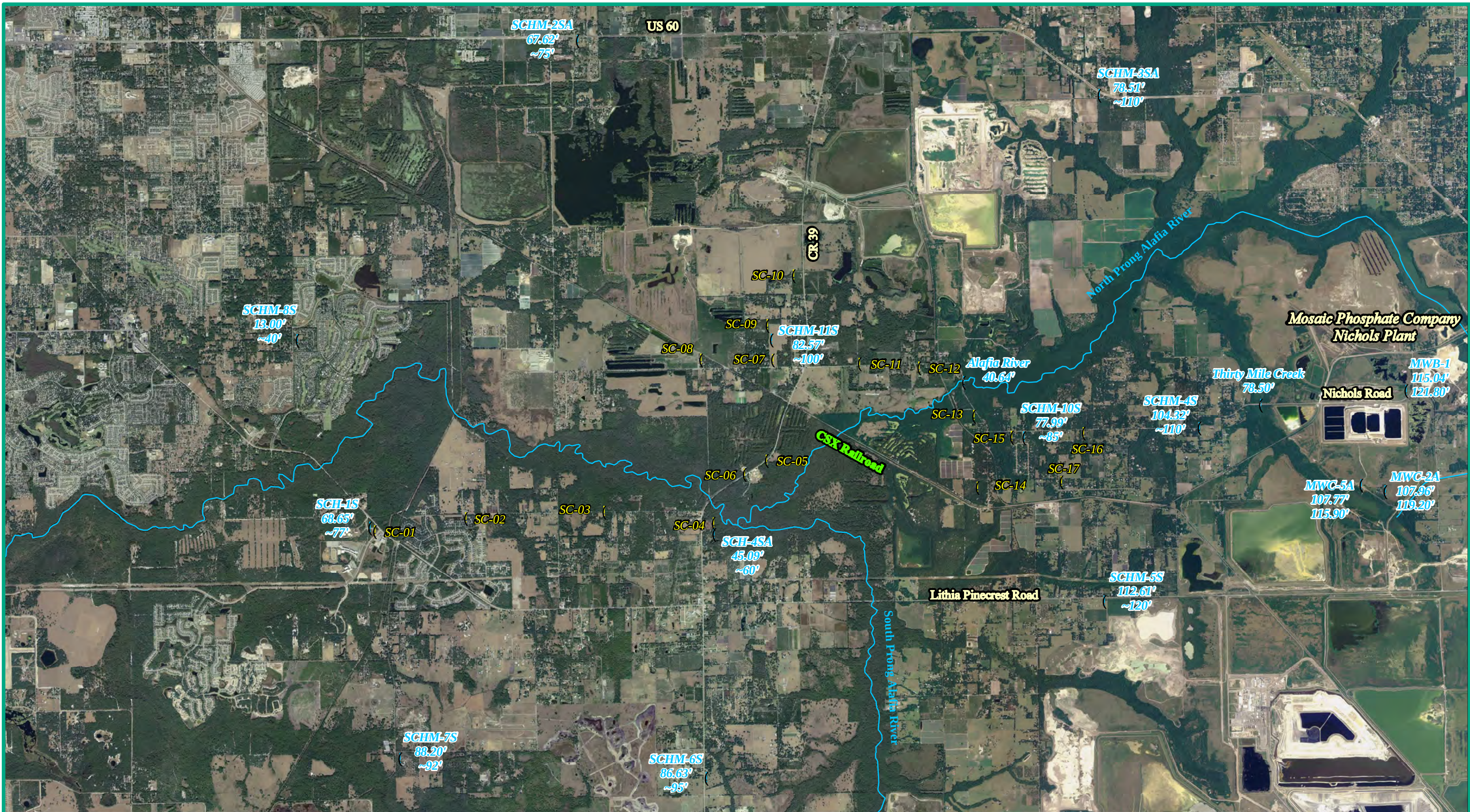
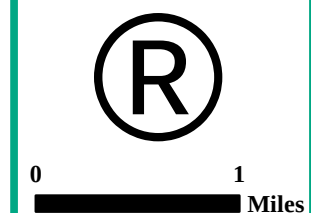


Figure 11A
Surficial Aquifer Ground Water Elevations (05/05/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
 - (Surficial Aquifer Monitor Well (Water level and surface elevation is presented in feet NGVD)
 - (Surface Water Elevation (River level is presented in feet NGVD)
- Mosaic monitor well data collected on 05/14/08



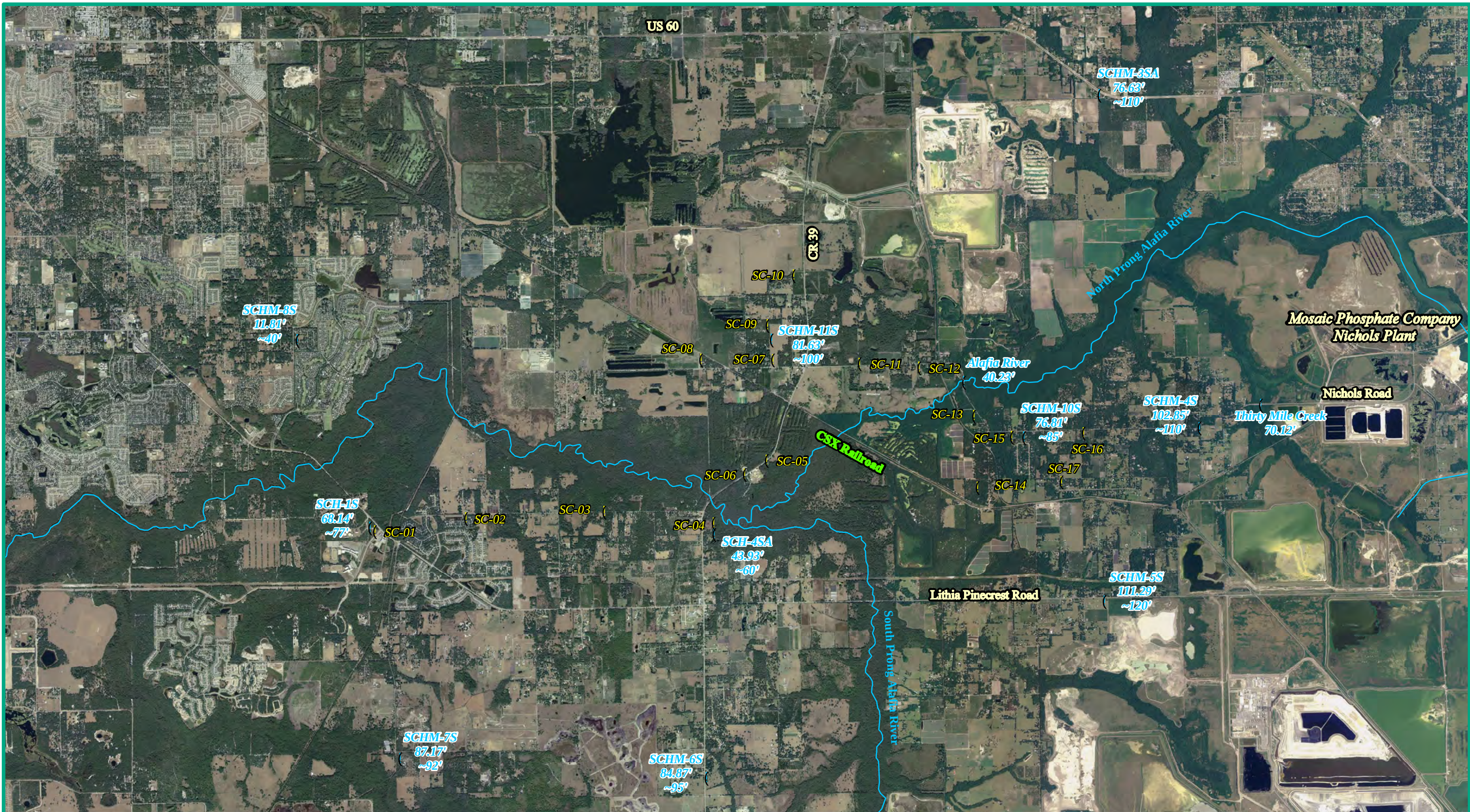
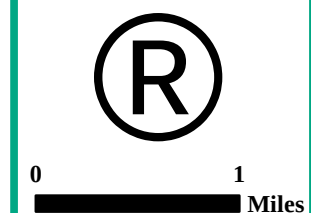


Figure 11B
Surficial Aquifer Ground Water Elevations (06/09/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Surficial Aquifer Monitor Well (Water level and surface elevation is presented in feet NGVD)
- (Surface Water Elevation (River level is presented in feet NGVD)



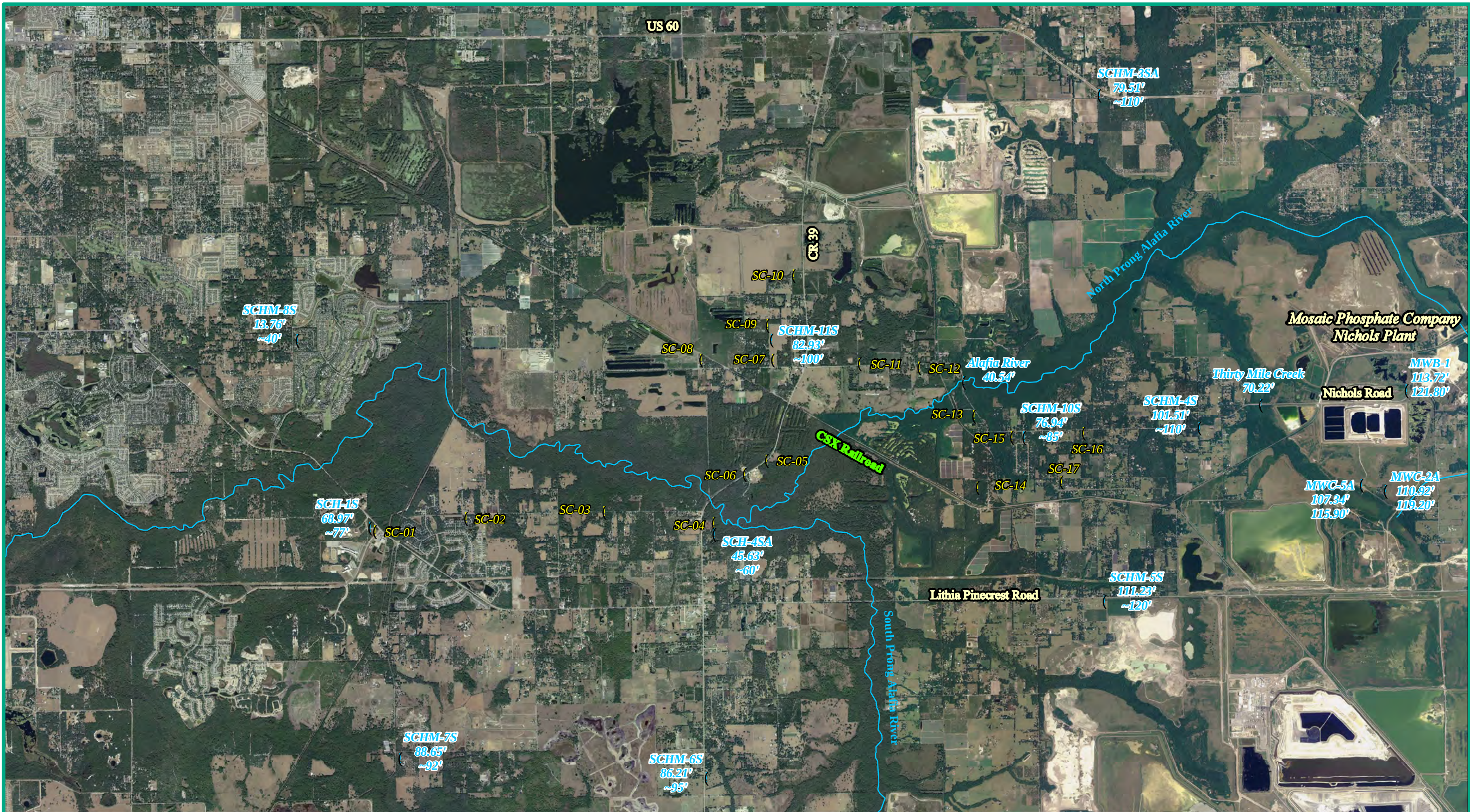
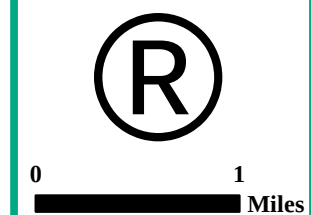


Figure 11C
Surficial Aquifer Ground Water Elevations (10/13/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
 - (Surficial Aquifer Monitor Well (Water level and surface elevation is presented in feet NGVD)
 - (Surface Water Elevation (River level is presented in feet NGVD)
- Mosaic monitor well data collected on 10/06/08 thru 10/13/08



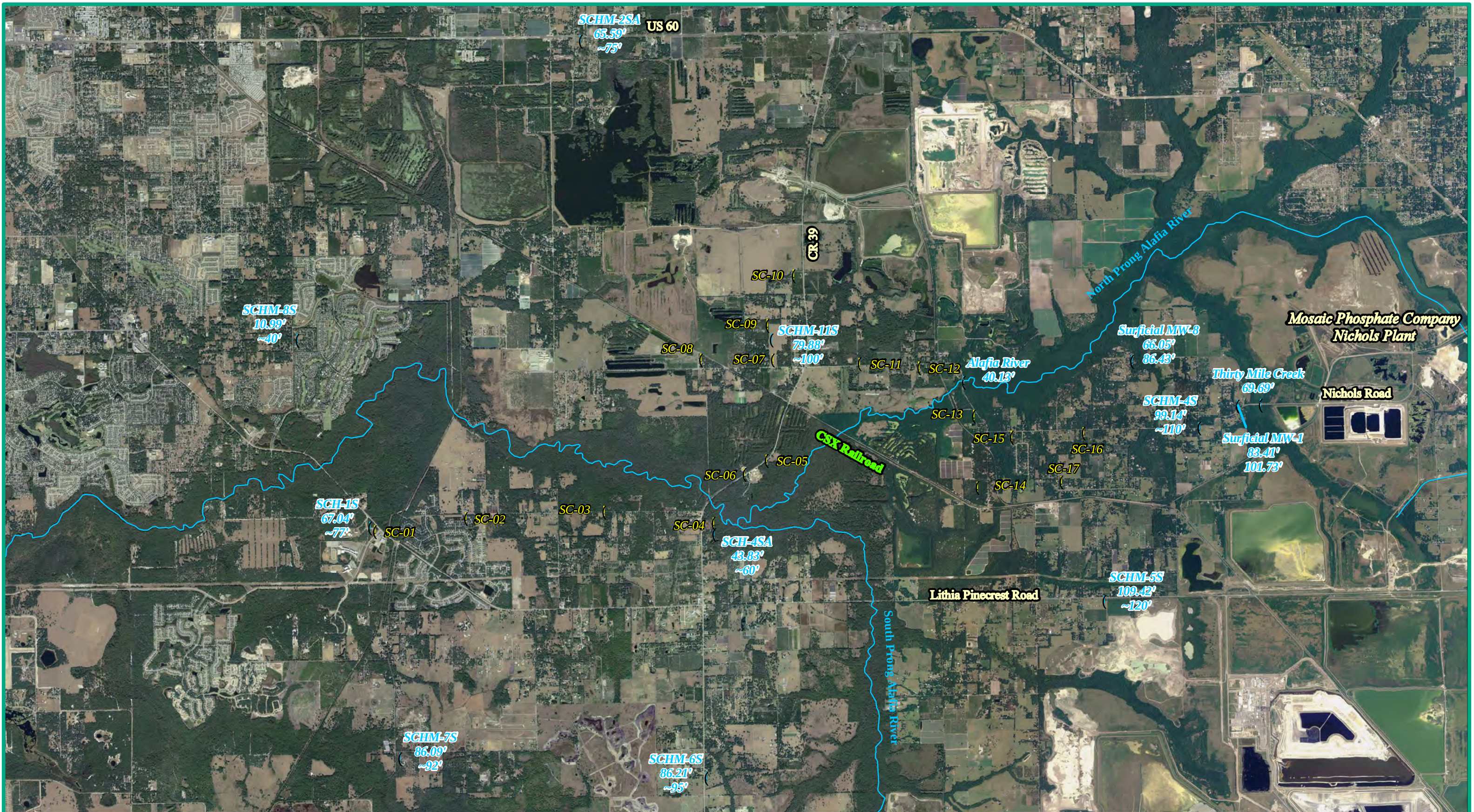
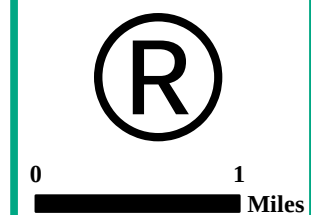


Figure 11D
Surficial Aquifer Ground Water Elevations (04/22/2009)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Surficial Aquifer Monitor Well (Water level and surface elevation is presented in feet NGVD)
- (Surface Water Elevation (River level is presented in feet NGVD)



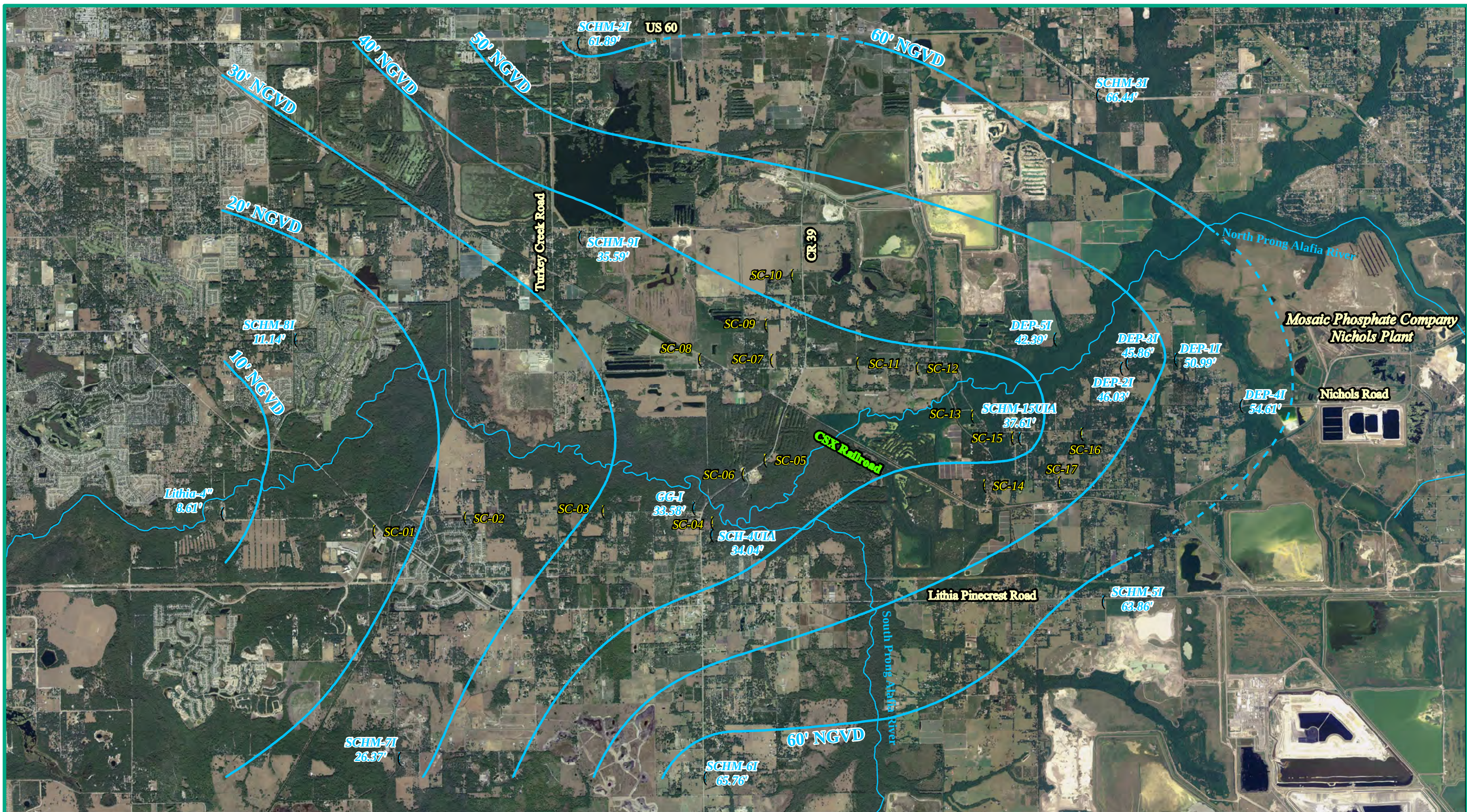
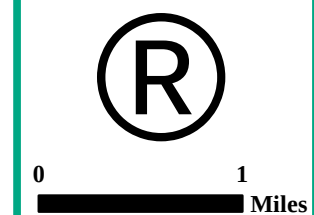


Figure 12A
Intermediate Aquifer Potentiometric Surface (05/05/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Intermediate Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Intermediate Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



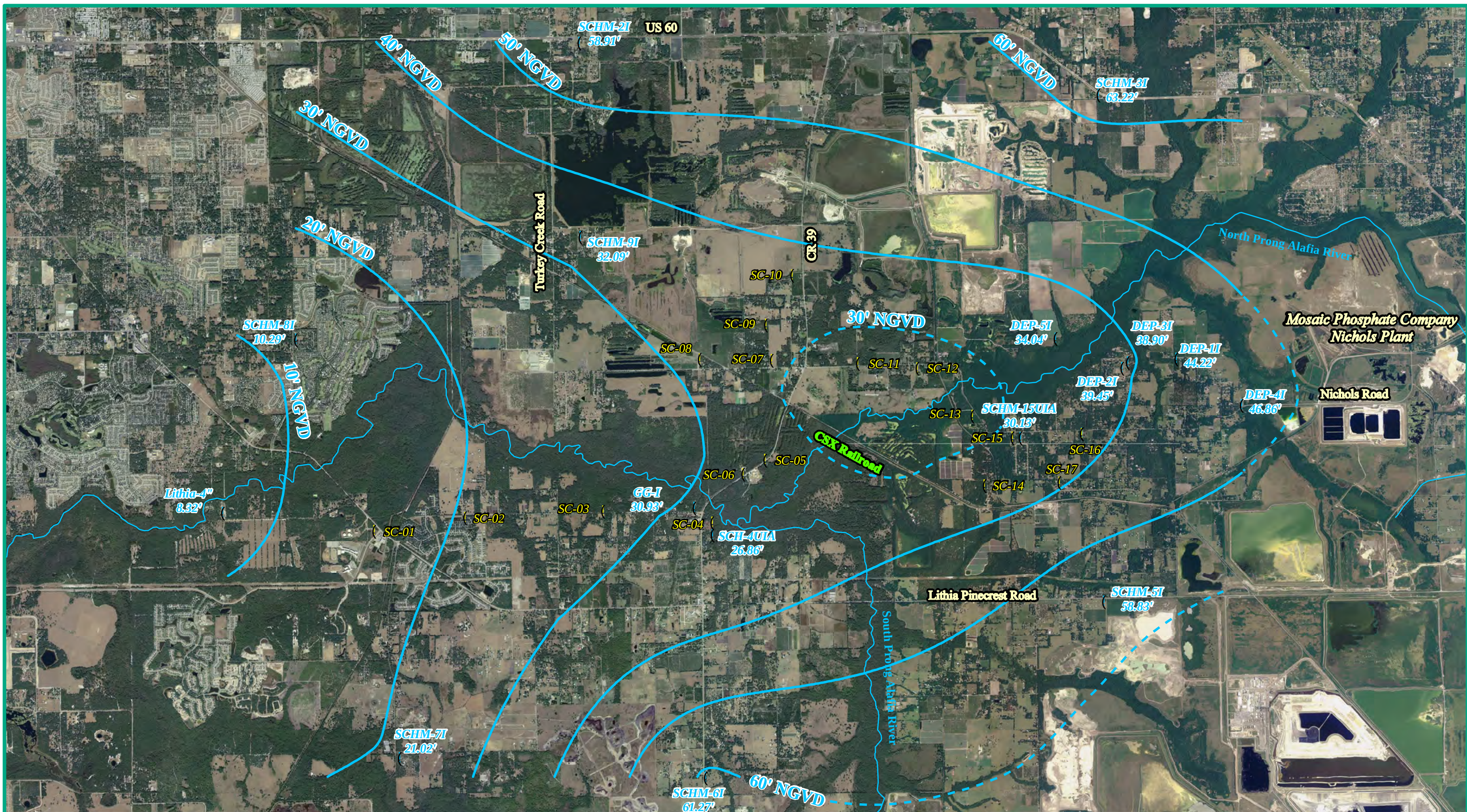
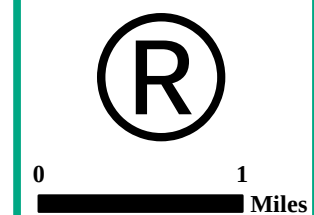


Figure 12B
Intermediate Aquifer Potentiometric Surface (06/09/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Intermediate Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Intermediate Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



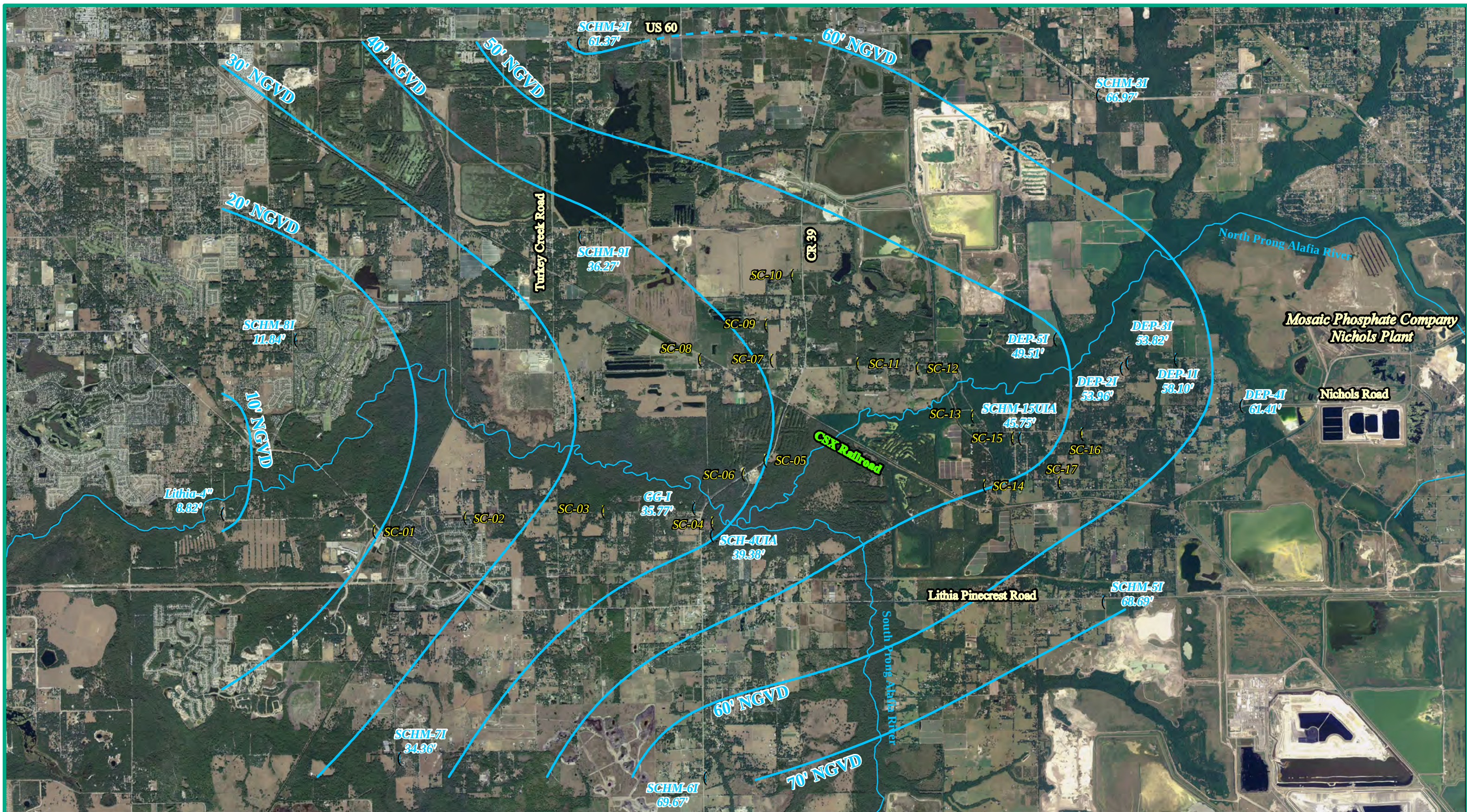
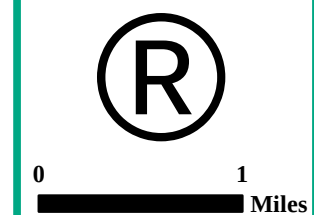


Figure 12C
Intermediate Aquifer Potentiometric Surface (10/13/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Intermediate Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Intermediate Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



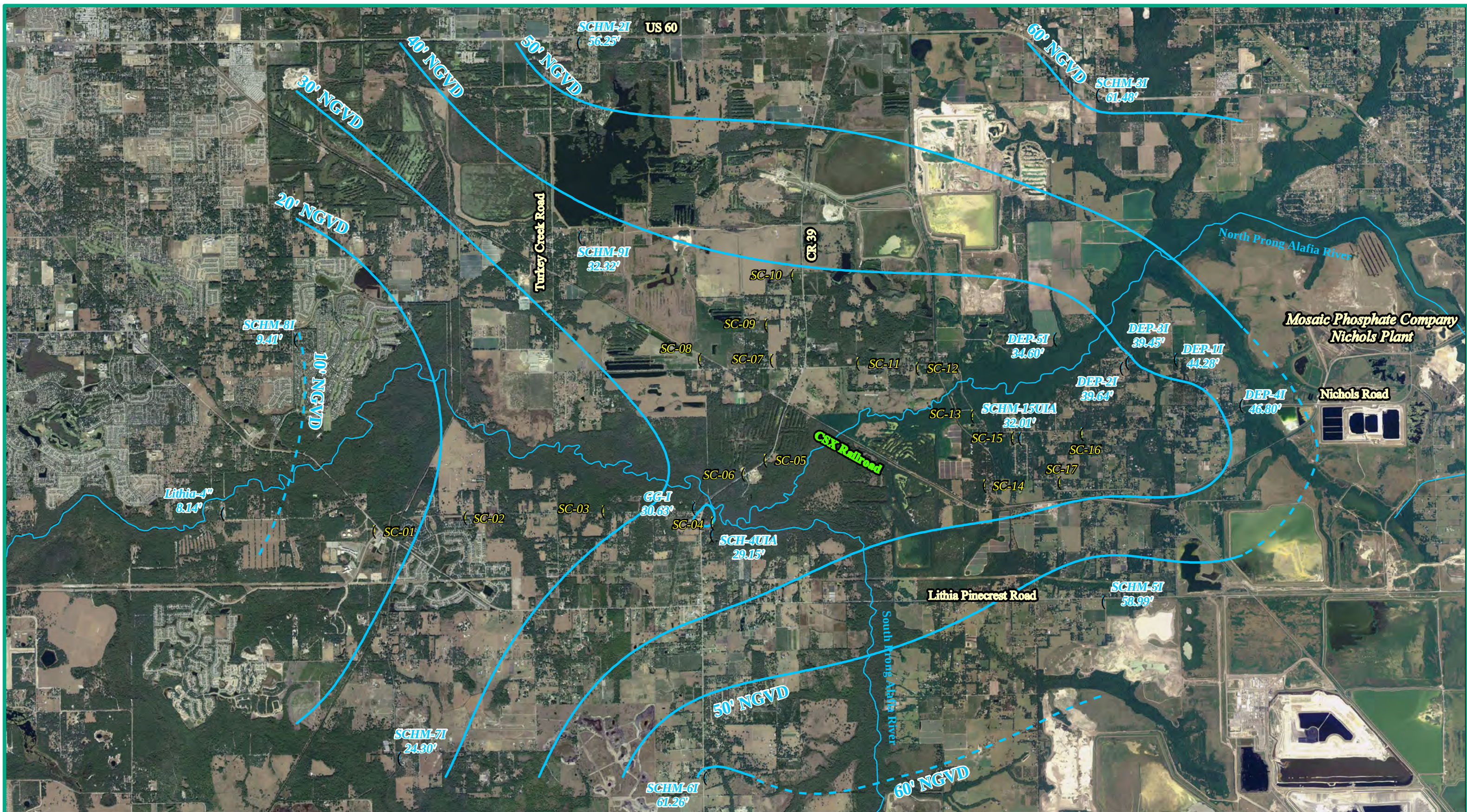
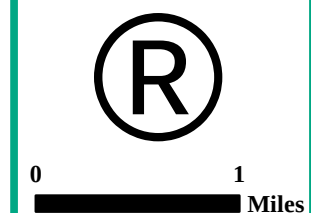


Figure 12D
Intermediate Aquifer Potentiometric Surface (04/22/2009)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Intermediate Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Intermediate Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



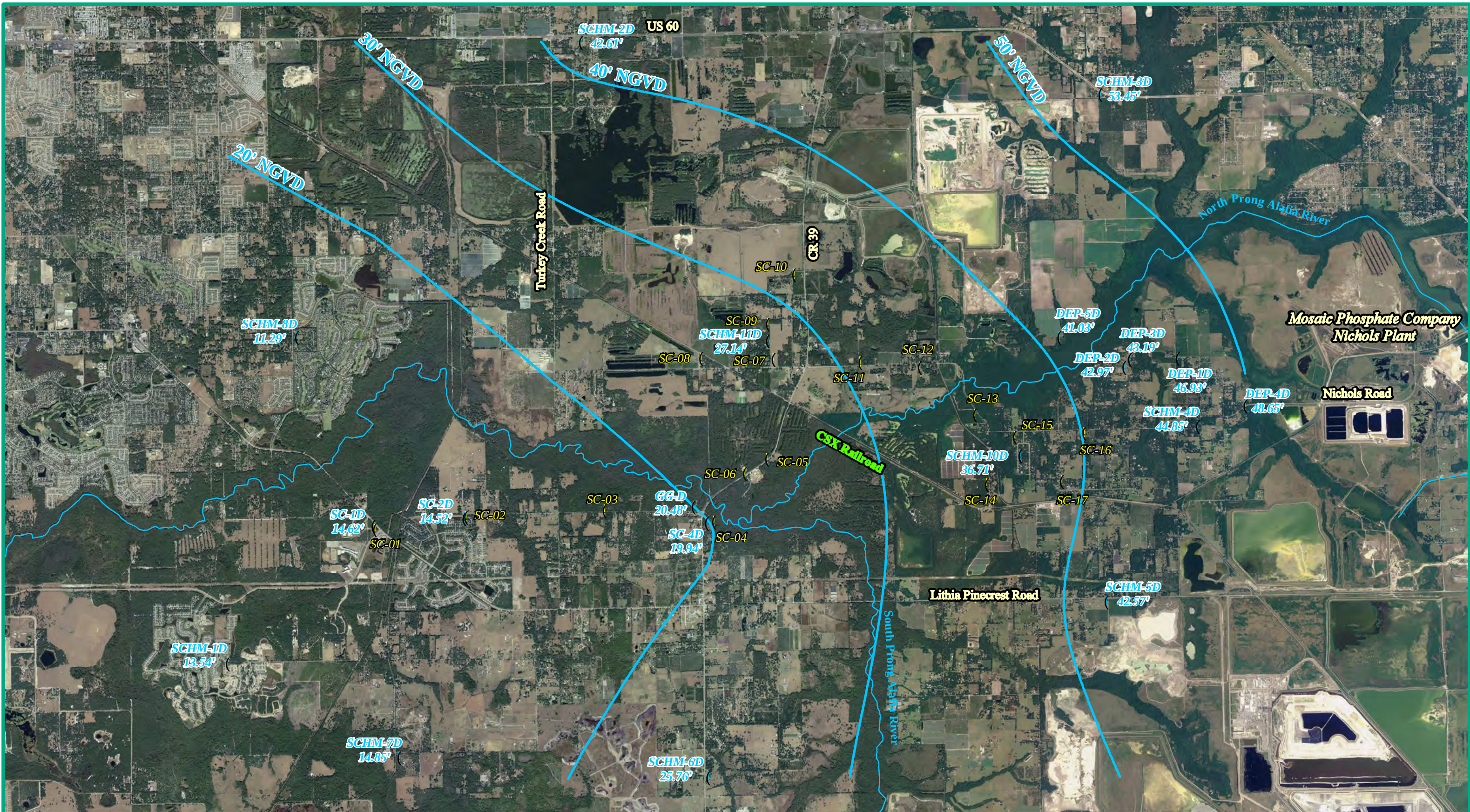


Figure 13A
Floridan Aquifer Potentiometric Surface (05/05/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Floridan Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Floridan Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')

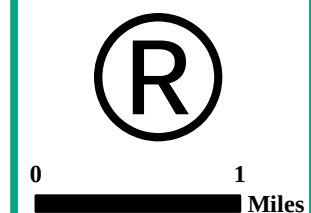
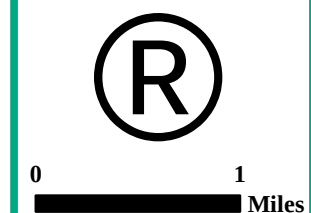




Figure 13B
Floridan Aquifer Potentiometric Surface (06/09/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Floridan Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Floridan Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



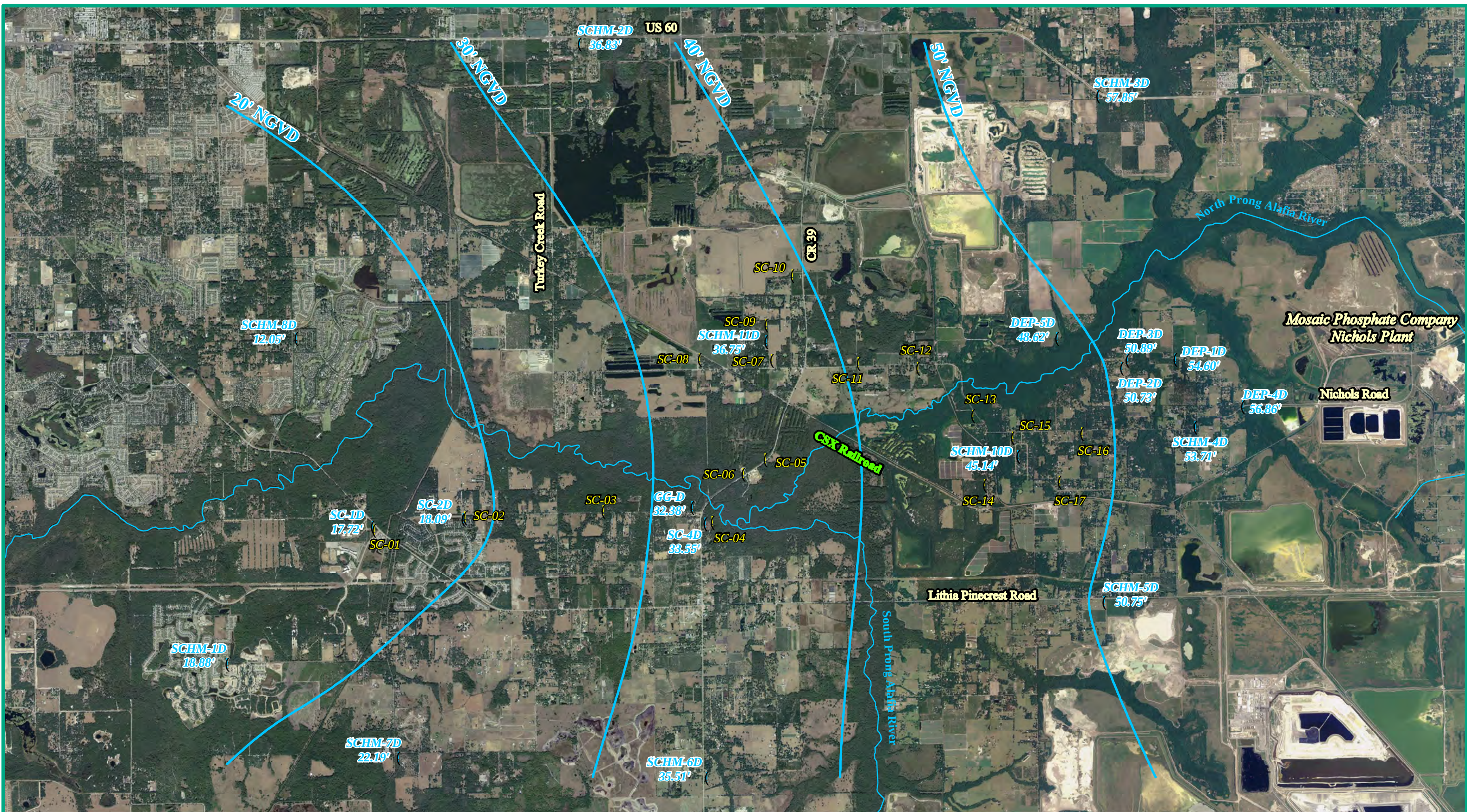
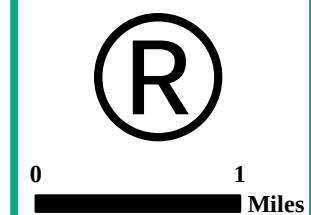


Figure 13C
Floridan Aquifer Potentiometric Surface (10/13/2008)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Floridan Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Floridan Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



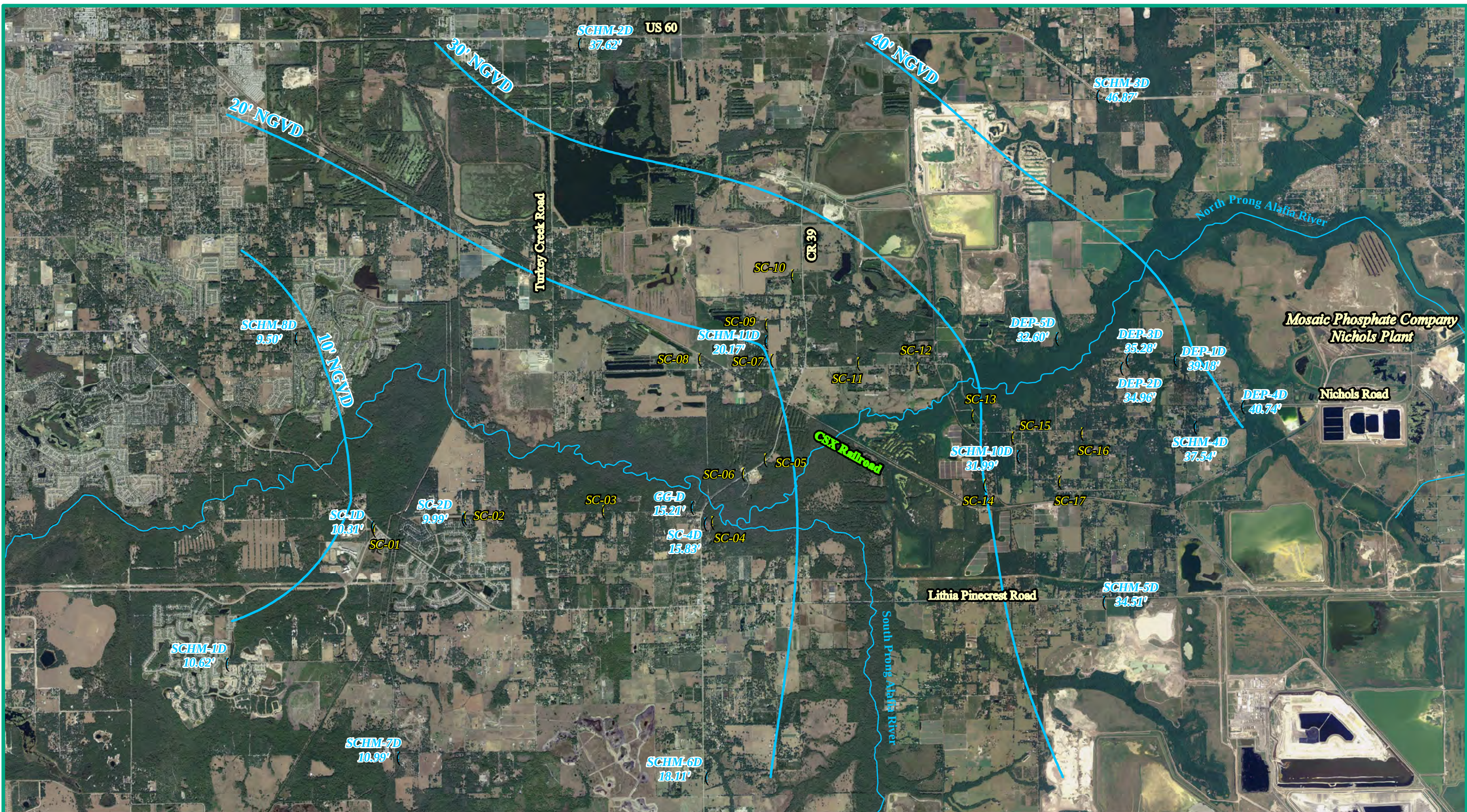
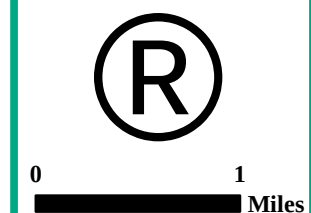


Figure 13D
Floridan Aquifer Potentiometric Surface (04/22/2009)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

- (South Central Hillsborough Regional Well Field Municipal Well
- (Floridan Aquifer Monitor Well (Measured water level is presented in feet NGVD)
- Floridan Aquifer Potentiometric Surface Equipotential Contour Interval (10.0')



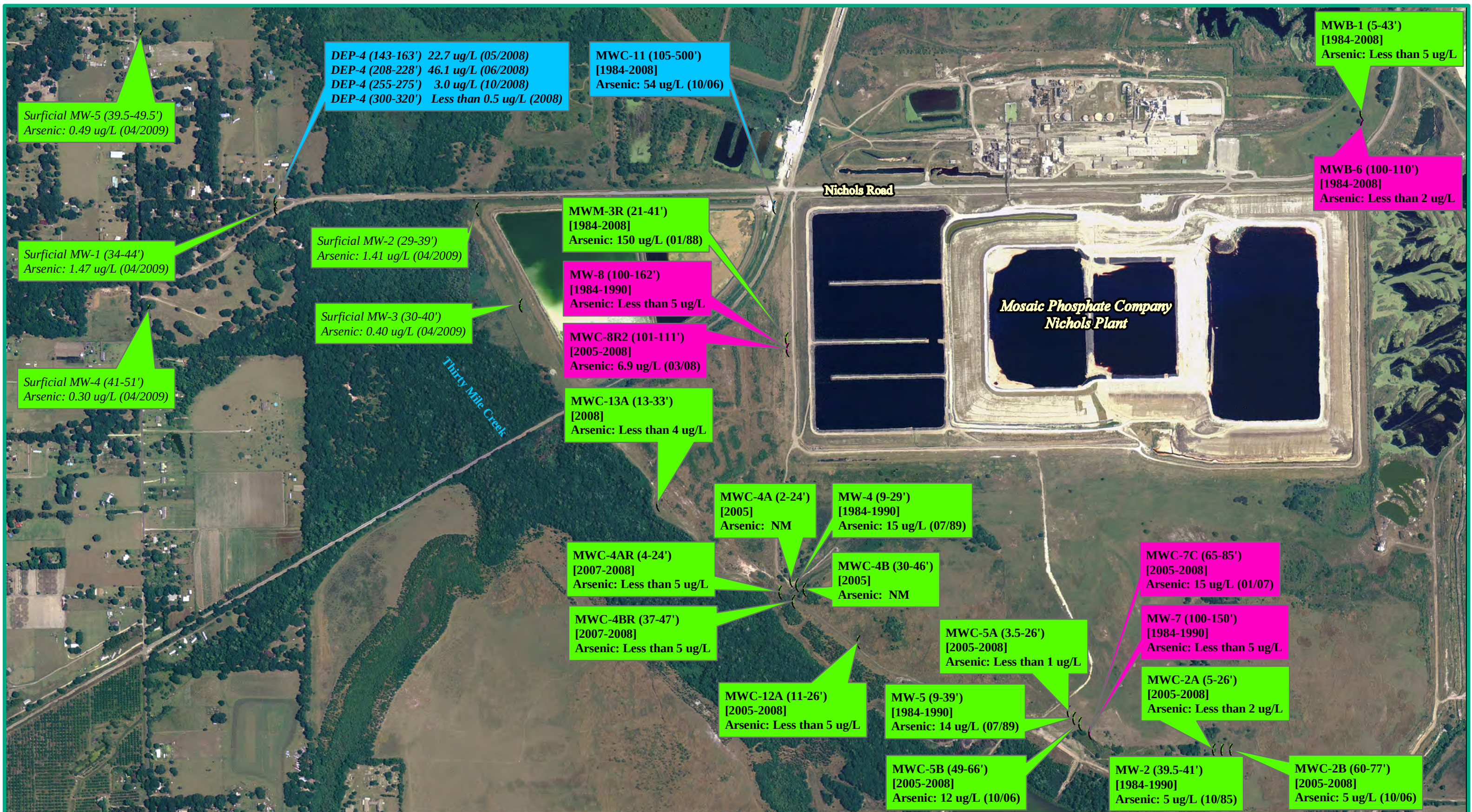
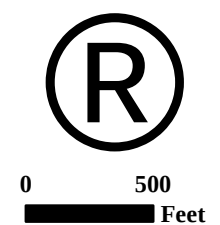


Figure 14
Mosaic Nichols Facility Historical Arsenic Summary
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

(Mosaic Surficial Aquifer Monitor Well [years in service]
 (Mosaic Intermediate Aquifer Monitor Well [years in service]
 (Mosaic Floridan Aquifer Monitor Well [years in service]
 (SIS Surficial Aquifer Monitor Well
 (SIS Floridan Aquifer Monitor Well Cluster
 ug/L: Micrograms per Liter NM: Not measured
 Value reported is highest arsenic level detected (with date)



Photographs



Photograph 1
Rural Community of Lithia
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida





Photograph 2
Mosaic Nichols Facility and Gypsum Stack
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida





Steppin Stone School Volleyball Court Supply Well



Steppin Stone School Irrigation Well



**Steppin Stone School
Tennis Court Supply Well**



**Bryant Mobile Home
Park Supply Well**



**8506 Pritcher Road
Supply Well**

**7911 Carey Road
Supply Well**



**Photograph 3
Pritcher Road Area Typical Supply Wells
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida**





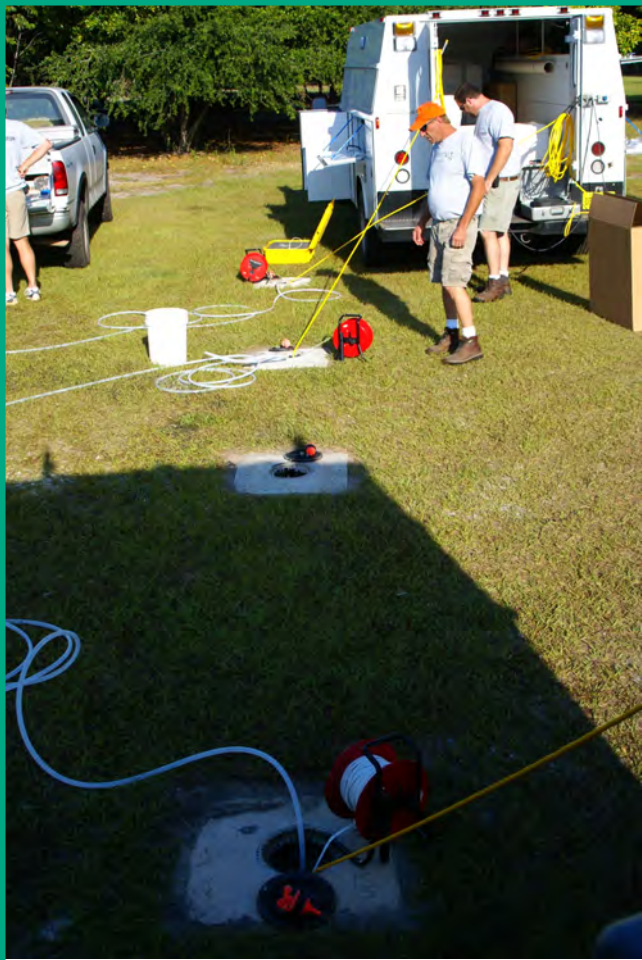
Photograph 4
Tampa Bay Water South Central Hillsborough
Regional Well Field Pump House (SC-15)
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida





Photograph 5
Rotasonic Drill Rig and Associated Cores
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida





Purging Monitor Well Cluster



Containerizing Monitor Well Purge Water



Typical Monitor Well Sample Bottle Set



Collecting Sample for Tritium Dating



Collecting Filtered Metals Sample



Field Sulfide Measurement and Sample Preservation Station

**Photograph 6
Monitor Well Sample Activities
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida**



Tables

Table 1
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

SWFWM Permit #	Well Location	Well Use	Diameter (Inches)	Casing Depth (Feet)	Well Depth (Feet)
369113	9723 Allen Road	Domestic	6	55	300
709776	9702 Allen Road	Domestic	5	240	300
633320	9638 Allen Road	Domestic	4	231	292
741389	9470 County Line Road	Domestic	5	210	280
566971	9460 County Line Road	Domestic	4	231	330
636523	9434 Edison Road	Domestic	5	210	300
572019	9420 Edison Road	Domestic	4	84	180
609763	9402 County Line Road	Domestic	4	126	200
645866	9390 Edison Road	Irrigation	4	252	335
576696	9365 Edison Road	Domestic	4	210	270
725620	9355 Edison Road	Domestic	4	160	300
596420	9350 Edison Road	Domestic	5	260	370
595785	9331 Edison Road	Domestic	5	220	310
568830	9331 County Line Road	Domestic	4	252	320
560649	9322 Carey Road S	Domestic	4	231	310
646575	9310 Edison Road	Domestic	5	239	320
578618	9303 Edison Road	Domestic	4	210	289
687816	9250 County Line Road	Domestic	5	116	252
663438	9232 County Line Road	Domestic	4	232	300
658104	9224 Carey Road S	Domestic	5	223	340
599909	9222 Carey Road S	Domestic	5	209	290
610304	9220 County Line Road	Domestic	4	103	180
625670	9216 County Line Road	Domestic	4	84	150
579922	9210 County Line Road	Domestic	4	68	131
605555	9204 County Line Road	Domestic	4	60	120
617293	9202 County Line Road	Domestic	4	105	140
621059	9140 Carey Road	Domestic	5	210	340
644101	9135 Carey Road	Domestic	4	231	310
624116	9125 County Line Road	Domestic	5	240	300
561055	9124 Carey Road	Domestic	4	73	143
619878	9124 Carey Road	Domestic	5	215	340
467477	904 Swilley Road W	Irrigation	8	258	664
638885	9017 County Line Road	Domestic	5	220	326
559672	9012 Carey Road	Domestic	4	126	205
562911	9010 Pritcher Road	Domestic	5	250	352
653786	9009 County Line Road	Domestic	5	60	180
637995	9007 Carey Road	Domestic	4	210	300
638061	8931 Pritcher Road	Domestic	5	235	340
638474	8914 Pritcher Road	Domestic	5	210	290
647902	8914 Pritcher Road	Domestic	5	190	290
639430	8910 Pritcher Road	Domestic	5	300	340
610830	8906 Pritcher Road	Domestic	4	117	200

Table 1 (Continued)
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

SWFWM Permit #	Well Location	Well Use	Diameter (Inches)	Casing Depth (Feet)	Well Depth (Feet)
593028	8906 Carey Road	Domestic	5	250	340
638768	8903 County Line Road	Domestic	5	210	320
640924	8902 Pritcher Road	Domestic	4	232	323
589243	8839 County Line Road	Domestic	5	230	300
673812	8834 Carey Road N	Domestic	4	123	160
561966	8822 Carey Road	Domestic	4	92	160
681323	8818 Pritcher Road	Domestic	4	159	220
669267	8812 Pritcher Road	Domestic	5	240	340
641922	8806 Carey Road	Domestic	5	203	300
629657	8805 Pritcher Road	Irrigation	4	253	420
638764	8802 Pritcher Road	Domestic	5	210	300
715644	8740 Griffith Lane	Domestic	2	38	41
747379	8739 Pritcher Road	Domestic	4	90	170
647899	8730 Griffith Lane	Domestic	5	210	300
643173	8720 County Line Road	Domestic	4	252	323
629848	8714 County Line Road	Domestic	5	220	320
718708	8710 County Line Road	Domestic	4	137	250
635023	8709 County Line Road	Domestic	5	240	360
569786	8707 Purvis Road	Domestic	5	210	310
567522	8707 Purvis Road		4	135	255
623651	8627 County Line Road	Domestic	4	86	215
708153	8625 Carey Road	Domestic	4	138	148
596119	8619 County Line Road	Domestic	4	105	135
709375	8606 Purvis Road	Domestic	4	120	200
699662	8523 Purvis Road	Domestic	4	168	185
639315	8522 Pritcher Road	Domestic	5	240	340
678415	8506 Edison Road	Irrigation	4	103	250
675109	8501 County Line Road	Irrigation	5	91	220
712291	8501 County Line Road	Irrigation	8	210	780
649122	8432 Edison Road		4	-	263
592859	8431 Edison Road	Domestic	4	210	290
655666	8431 Edison Road	Domestic	5	212	297
579051	8422 Southwood Oak St	Domestic	4	78	89
666274	8421 Pritcher Road	Irrigation	4	195	288
644103	8419 Edison Road	Domestic	4	252	310
638766	8414 Edison Road	Domestic	5	210	300
564385	8413 Southwood Pines St	Domestic	4	74	165
639921	8339 Carey Road N	Domestic	4	273	353
573762	8332 Edison Road	Domestic	4	-	185
638149	8332 Edison Road	Domestic	5	260	360
624914	8331 Purvis Road	Domestic	4	20	130
560673	8322 Bob Wiggs Avenue	Domestic	5	250	362

Table 1 (Continued)
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

SWFWM Permit #	Well Location	Well Use	Diameter (Inches)	Casing Depth (Feet)	Well Depth (Feet)
747273	8312 Bob Wiggs Avenue	Irrigation	4	118	167
739579	8312 Bob Wiggs Avenue	Domestic	4	118	140
641199	8312 Bob Wiggs Avenue	Domestic	4	210	320
693597	8304 Bob Wiggs Avenue	Domestic	4	117	190
681332	8303 Bob Wiggs Avenue	Domestic	4	78	120
564560	8227 Edison Road	Domestic	4	252	330
723325	8219 Carey Road	Domestic	2	44	65
663439	8203 Edison Road	Domestic	4	252	300
720594	8134 Edison Road	Domestic	4	105	200
738368	8134 Edison Road	Domestic	4	142	170
638466	8133 Edison Road	Domestic	5	209	300
603841	8116 Edison Road	Domestic	2	74	105
560642	8110 Edison Road	Domestic	4	210	340
668252	8010 Edison Road	Domestic	5	230	300
647556	8002 Edison Road	Domestic	5	200	290
638461	5381 Birddog Lane	Domestic	5	210	300
582692	5381 Birddog Lane	Domestic	4	126	200
571561	5381 Birddog Lane	Domestic	4	105	220
634069	5367 Wood Road	Domestic	5	240	380
650563	5366 Wood Road	Domestic	5	240	360
719209	5360 Nichols Road	Domestic	5	200	280
665109	5350 Birddog Lane	Domestic	4	210	300
565433	5340 Wood Road	Domestic	4	101	125
648285	5340 Beulah Church Road	Domestic	5	210	305
639102	53308 Beulah Church Road	Public Supply	5	210	300
615548	4826 Purvis Road	Domestic	4	107	160
572605	4809 Purvis Road	Domestic	4	104	150
646272	3724 Nichols Road	Domestic	4	231	320
641161	3709 Ledlow Lane	Domestic	4	210	300
681792	3706 Nichols Road	Domestic	4	171	215
565509	3629 Nichols Road	Domestic	4	127	185
619141	3616 Nichols Road	Domestic	5	200	370
601483	3519 Nichols Road	Public Supply	4	105	200
648707	3519 Nichols Road	Domestic	5	230	300
728078	3516 Nichols Road	Domestic	4	84	150
561417	3515 Nichols Road	Domestic	4	231	325
608379	3508 Nichols Road	Domestic	4	250	340
641163	3343 Nichols Road	Domestic	4	210	300
643571	3126 Toole Road	Domestic	4	189	308
729580	3051 Keysville Drive	Domestic	5	240	300

Table 1 (Continued)
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

SWFWM Permit #	Well Location	Well Use	Diameter (Inches)	Casing Depth (Feet)	Well Depth (Feet)
651060	3045 Keysville Drive	Domestic	4	233	320
595972	3043 Keysville Drive	Domestic	4	95	161
593210	3021 Keysville Drive	Domestic	4	84	192
603852	3017 Keysville Drive	Domestic	4	93	190
615829	3017 Keysville Drive	Domestic	4	106	180
573805	2930 Keysville Drive	Domestic	5	210	300
639923	2929 Keysville Drive	Domestic	4	210	324
638472	2926 Keysville Drive	Domestic	5	210	300
641195	2920 Nichols Road	Domestic	4	231	310
576935	2915 Keysville Drive	Domestic	4	210	290
589145	2908 Pritcher Manor Court	Domestic	4	95	147
593640	2907 Pritcher Manor Court	Domestic	4	70	240
615352	2906 Pritcher Manor Court	Domestic	4	95	160
619892	2906 Keysville Drive	Domestic	5	210	340
618625	2905 Pritcher Manor Court	Domestic	4	100	175
588936	2904 Pritcher Road	Domestic	4	86	145
668751	2903 Pritcher Manor Court	Domestic	4	63	160
637994	2902 Pritcher Manor Court	Domestic	4	210	300
599870	2902 Pritcher Manor Court	Domestic	4	85	183
606213	2901 Pritcher Manor Court	Domestic	4	63	160
574906	2901 Nichols Road	Domestic	4	126	182
616951	2901 Nichols Road	Domestic	4	126	185
647850	2850 Nichols Road	Domestic	5	176	300
575961	2848 Nichols Road	Domestic	4	147	260
707396	2847 Nichols Road	Domestic	4	74	146
574699	2844 Nichols Road	Domestic	4	123	200
620040	2835 Keysville Drive	Domestic	5	210	290
586290	2830 Keysville Drive	Domestic	5	210	210
608293	2811 Pritcher Manor Court	Domestic	4	147	225
619189	2810 Pritcher Manor Court	Domestic	5	73	100
622553	2810 Pritcher Manor Court	Domestic	4	126	215
619461	2809 Pritcher Road	Domestic	5	78	180
622882	2809 Pritcher Manor Court	Domestic	4	129	180
639307	2809 Nichols Road	Domestic	5	296	340
621008	2808 Pritcher Manor Court	Domestic	4	105	190
654104	2807 Pritcher Manor Court	Domestic	4	234	350
692758	2806 Pritcher Manor Court	Domestic	4	126	180
632757	2806 Pritcher Manor Court	Domestic	4	43	138
612797	2805 Pritcher Manor Court	Domestic	4	90	160
649222	2805 Keysville Drive	Domestic	5	210	300
625394	2803 Pritcher Manor Court	Domestic	4	115	155
622662	2802 Pritcher Manor Court	Domestic	4	140	215

Table 1 (Continued)
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

SWFWM Permit #	Well Location	Well Use	Diameter (Inches)	Casing Depth (Feet)	Well Depth (Feet)
590108	2801 Pritcher Manor Court	Domestic	4	176	178
577367	2776 Nichols Road	Domestic	4	210	289
564024	2704 Nichols Road	Domestic	4	252	325
618986	2650 Nichols Road	Domestic	5	278	400
587488	2633 Keyville Drive	Domestic	4	209	290
641786	2630 Keyville Drive	Domestic	5	200	300
619658	2621 Keyville Drive	Domestic	5	54	300
607868	2614 Keyville Drive	Domestic	4	147	300
638952	2613 Keyville Drive	Domestic	5	209	300
638174	2538 Keyville Drive	Domestic	5	260	360
636713	2521 Nichols Road	Domestic	5	210	320
638020	2517 Nichols Road	Domestic	5	210	320
638954	2512 Keyville Drive	Domestic	5	219	320
639428	2507 Nichols Road	Domestic	5	242	340
614121	2506 Nichols Road	Domestic	4	210	300
635095	2505 Keyville Drive	Domestic	5	220	320
633606	2435 Keyville Drive	Domestic	5	220	340
636249	2425 Keyville Drive	Domestic	5	260	360
622845	2421 Nichols Road	Domestic	4	107	175
639918	2410 Nichols Road	Domestic	4	210	323
613968	2327 Harvill Lane	Domestic	4	147	220
644701	2327 Harvill Lane	Domestic	4	252	293
688258	2316 Nichols Road	Domestic	5	120	200
700380	2253 Nichols Road	Domestic	4	120	260
638138	2241 Nichols Road	Domestic	5	260	360
583617	2231 Nichols Road	Domestic	4	250	350
688833	2231 Harvill Lane	Domestic	4	147	170
568109	2220 Nichols Road	Domestic	5	250	350
597857	2206 Holden Avenue	Domestic	4	83	150
637605	2206 Holden Avenue	Domestic	5	210	300
656783	2006 Nichols Road	Domestic	4	105	158
579353	12121 Brad Street	Domestic	4	80	150
619141	3616 Nichols Road	Domestic	5	200	370
564560	8227 Edison Road	Domestic	4	252	330
615548	4828 Purvis Road	Domestic	4	107	160
619892	2906 Keyville Drive	Domestic	5	210	340
NA	8506 Pritcher Road*	Domestic	4	93.5	187
NA	7911 Carey Road*	Domestic	4	97	134
NA	8710 County Line Road*	Domestic	4	112	206
NA	8602 Rockn T Ranch Road*	Domestic	4	79	119
NA	8304 Bob Wiggs Road*	Domestic	4	84	149

Table 1 (Continued)
Southwest Florida Water Management District
Private Supply Well Construction Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

*: Construction details ascertained by SIS well inspection.

NA: Not applicable.

Table 2
Tampa Bay Water Authority
Production Well Construction and Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	20" Casing Depth (Feet BLS)	Total Depth (Feet BLS)	Transmissivity (gpd/ft)	Alkalinity (mg/L as CaCO ₃)	Chloride (mg/L as Cl)	Sodium (mg/L as Na)	Sulfate (mg/L as SO ₄)	Total Organic Carbon (mg/L as TOC)	Sulfide (mg/L as H ₂ S)
SC-13	200	870	920000	01/06/2005 158	01/10/2005 11.9	01/06/2005 9.44	01/10/2005 49.4	01/05/2005 1.2	01/10/2005 2.75
				04/02/2007 160	04/02/2007 12.1	04/02/2007 9.92	04/02/2007 51.7	04/04/2007 1.3	04/02/2007 2.75
SC-14	212	905	1320000	01/10/2005 212	01/06/2005 11.6	01/10/2005 8.78	01/05/2005 106	01/10/2005 1.2	04/14/2005 1.90
				04/02/2007 162	04/04/2007 11.9	04/02/2007 9.20	04/02/2007 113	04/02/2007 1.2	04/02/2007 2.30
SC-15	217	877	1140000	01/10/2005 157	01/10/2005 12.1	01/10/2005 9.50	01/10/2005 45.8	01/06/2005 1.0	01/06/2005 2.50
				04/02/2007 159	04/02/2007 12.3	04/04/2007 9.50	04/02/2007 45.4	04/02/2007 1.0	04/04/2007 2.70
SC-16	240	910	1000000	01/10/2005 160	01/06/2005 12.2	01/10/2005 8.91	01/05/2005 25.3	01/10/2005 0.9	01/10/2005 2.65
				04/02/2007 159	04/02/2007 11.6	01/03/2007 9.14	04/02/2007 25.7	01/03/2007 1.5	04/02/2007 2.65
SC-17	230	903	1840000	01/10/2005 151	01/10/2005 11.4	01/06/2005 9.17	01/06/2005 65.5	01/10/2005 1.2	01/05/2005 2.45
				04/02/2007 125	01/03/2007 11.9	04/05/2006 8.78	04/04/2007 70.3	04/02/2007 1.7	01/03/2007 2.45

BLS: Below land surface.

gpd/ft: Gallons per day per foot (drawdown data).

mg/L: Milligrams per liter.

CaCO₃: Calcium carbonate.

Cl: Chloride.

Na: Sodium.

SO₄: Sulfate.

TOC: Total organic carbon.

H₂S: Hydrogen sulfide.

Table 3
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
1008 Jameson Road**	04/09/2008	0.7	I	
10130 Bryant Road**	04/14/2008	2.0		
10407 Bill Spears Road**	10/10/2007	0.2	I	0.8
12709 Mannhurst Oak Lane**	04/09/2008	0.1	I	
12722 Mannhurst Oak Lane**	04/09/2008	4.4		
12725 Mannhurst Oak Lane**	04/09/2008	0.9	I	
1640 Keysville Road**	09/04/2007	0.2	I	0.4
2056 Nichols Road	09/04/2007	0.07	I	
2640 Nichols Road	09/04/2007	0.5	I	2.3
2650 Nichols Road	09/04/2007	0.1	I	7.0
2741 Hartley Lane*	04/03/2006	3.7		210
	10/25/2006	7.5		230
	08/21/2007	9.4		237
	11/07/2007	0.5	I	
	01/29/2009	0.322	I	
2776 Nichols Road	06/29/2009	0.401	I	
2802 Pritcher Manor Court*	- -	109		172
	08/25/2009	121		
2803 Pritcher Manor Court*	04/03/2006	0.1	U	77
	01/14/2009	122		
	06/29/2009	1.09		
2805 Hartley Lane	04/03/2006	0.534	I	3.9
2805 Pritcher Manor Court	11/07/2007	0.2	I	
2806 Nichols Road	09/19/2007	0.6	I	
2806 Pritcher Manor Court	10/27/2007	91.6		1300
	08/25/2009	91.7		
2807 Pritcher Manor Court	08/20/2009	0.344	I	
	08/20/2009	1.58		
2809 Pritcher Manor Court	10/27/2007	0.1	I	43
	09/21/2009	0.813	I	
2810 Hartley Lane*	04/03/2006	2.7		180
	10/25/2006	3.1		160
	11/07/2007	39.2		
	09/09/2008	3.3		
	01/29/2009	0.3	I	
	08/25/2009	4.39		
2811 Pritcher Manor Court	05/21/2008	0.1	U	

Table 3 (Continued)
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
2815 Hartley Lane*	03/23/2006	22.2		150
	04/03/2006	57.6		310
	06/28/2006	19.3	A	
	06/28/2006	21.5	A	
	08/07/2006	0.7	I	0.5
	09/04/2007	21.0	A	
	07/24/2008	17.6		
	01/14/2009	14.5		
	11/10/2009	22.8		
2820 Hartley Lane	05/19/2006	1.1		630
	10/25/2006	1.1		710
	01/24/2008	2.94		780
2821 Hartley Lane*	03/23/2006	3.2		97
	10/25/2006	17.1	A	180
	01/17/2007	2.5		
	09/04/2007	1.3		
2848 Nichols Road	11/19/2009	13.8		
2850 Edison Road	11/19/2009	26.1		
2901 Pritcher Manor Court	05/19/2006	0.8	I	0.6
	07/01/2008	0.374	I	
2903 Pritcher Manor Court*	05/19/2006	0.3	I	0.5
	03/10/2009	0.474	I	
2904 Pritcher Manor Court	01/27/2009	17.4		
2906 Pritcher Manor Court	11/18/2009	6.58		
2907 Pritcher Manor Court*	- -	10.5	A	
	11/18/2009	13.3		
2908 Pritcher Manor Court*	- -	13.7	A	
2909 Pritcher Manor Court	08/07/2006	42.3	A	810
	07/30/2008	25.6		
	01/30/2009	0.6		
	11/10/2009	24.0		
2915 Keysville Drive	04/03/2006	0.1	U	2.7
3010 Toole Road*	03/23/2006	0.3	I	88
	10/25/2006	0.3	I	78
	11/07/2007	0.352	I	
3102 Nichols Road (Well#1)*	10/10/2007	0.6	I	2.9
3102 Nichols Road (Well#2) *	10/10/2007	3.2		36

Table 3 (Continued)
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
3114 Toole Road	11/18/2009	1.51		
3118 Toole Road	11/18/2009	0.116	I	
3126 Toole Road	11/18/2009	0.104	I	
7911 Carey Road*	- -	118		
	09/21/2009	46.4		
8002 Edison Road*	- -	15.2	A	
8011 North Fork Road	09/04/2007	0.1	U	0.8
8020 Edison Road	09/19/2007	0.2	I	
8030 Edison Road	10/01/2007	3.1		
	09/21/2009	2.55		
8107 Edison Road	09/19/2007	1.4		
8110 Habakka Road	10/01/2007	0.1	U	
	10/27/2007	0.67	I	
8116 Edison Road	11/19/2009	0.1	U	
8124 Habakka Road	11/07/2007	0.2	I	
8136 Habakka Road	10/01/2007	0.4	I	
	10/27/2007	0.7	I	0.8
8210 Habakka Road	10/01/2007	0.547	I	
8211 Edison Road	11/19/2009	4.26		
8304 Bob Wiggs Avenue*	10/09/2007	8.7		210
	07/23/2008	12.4		203
8308 Bob Wiggs Avenue	09/04/2007	2.4		
8312 Bob Wiggs Avenue*	05/05/2006	42.4	A	
	09/04/2007	2.2		
	10/09/2007	21.7		330
8401 Southwood Oaks	04/24/2008	0.4	I	
8402 Southwood Pines	05/01/2008	0.2	I	
	05/01/2008	0.1	U	
8404 Southwood Oaks	05/21/2008	0.1	I	
8410 Southwood Pines	04/24/2008	0.2	I	
8410 Pritcher Road	09/21/2009	104		
8412 Southwood Pines	04/24/2008	2.6		
8421 Pritcher Road* Volleyball Court Well	02/15/2006	62.4		2600
Volleyball Court Well	02/23/2006	160		
Tennis Court Well	02/15/2006	26.2		1100
Tennis Court Well	02/23/2006	23.7		

Table 3 (Continued)
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
8421 Pritcher Road* Tennis Court Well	05/05/2006	24.2		
Irrigation Well	02/15/2006	0.166		
Irrigation Well	03/28/2006	0.1	U	
Irrigation Well	01/17/2007	0.7		
Irrigation Well	04/03/2006	0.1	U	6.0
Irrigation Well	04/26/2007	0.6		
Irrigation Well	09/04/2007	0.464		4.1
Irrigation Well	07/01/2008	0.997	I	
Irrigation Well	11/19/2009	0.128		
8431 Southwood Oaks	05/21/2008	0.4	I	
8506 Edison Road*	07/09/2007	1.1		
	08/21/2007	1.1		
8506 Pritcher Road*	07/09/2007	289		
	10/03/2007	295		5000
8506 Pritcher Road*	11/07/2007	298		4700
	- -	344		
	08/25/2009	279		
8519 Pritcher Road*	02/23/2006	1.1		
	05/01/2008	1.45		
8520 Pritcher Road*	02/23/2006	0.1	I	
8530 Pritcher Road	10/27/2007	0.4	I	2.1
	06/11/2009	0.374	I	
8601 Pritcher Road*	02/23/2006	124		240
	03/23/2006	134		1400
	01/17/2007	130		
	04/10/2007	140		
	04/26/2007	140		
8602 Rockn T Ranch Lane*	10/10/2007	11.3		
8611 County Line Road*	03/23/2006	0.7	I	3.5
8704 Pritcher Road*	05/09/2006	49.1	A	1000
	07/30/2008	49.1		
	01/10/2009	0.6		
	11/10/2009	30.0		
8709 Pritcher Road*	03/23/2006	1.0	I	2.7
	06/29/2009	1.04		
8710 County Line Road*	- -	24.5		
8716 Pritcher Road	05/09/2006	1.1		25

Table 3 (Continued)
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
8716 Pritcher Road	07/01/2008	29.5		
8720 Pritcher Road	09/03/2008	14.7		
8722 Pritcher Road	09/03/2008	33.7		
8726 Pritcher Road*	09/04/2007	11.5	A	
	- -	11.9	A	
8728 Pritcher Road	09/04/2007	12.2	A	
8735 Pritcher Road	10/01/2007	2.88		
8739 Pritcher Road	10/08/2007	10.2		660
	10/10/2007	7.44		680
8803 Pritcher Road	05/16/2007	61.3		780
	10/01/2007	64.7		
	10/01/2007	61.8		
8803 Pritcher Road	10/29/2007	50.8		880
	01/24/2008	44.6		1000
	01/24/2008	39.6		800
	08/05/2008	47.5		
	01/10/2009	182		
	06/11/2009	46.2		
8805 Pritcher Road*	05/05/2006	55.2		
	10/01/2007	0.6		
8812 Pritcher Road	11/19/2009	0.118	I	
8814 Pritcher Road	10/10/2007	0.282	I	2.2
8815 Pritcher Road	05/21/2008	23.0		
	07/24/2008	23.0		
	01/29/2009	0.314	I	
8816 Pritcher Road	03/23/2006	0.1	U	3.5
8818 Pritcher Road*	08/21/2007	7.9		194
	01/29/2009	0.358	I	
8825 Pritcher Road	02/27/2007	4.4		
	07/02/2008	1.77		
8835 Pritcher Road	10/27/2007	1.07		10.0
8836 Pritcher Road #1	03/23/2006	0.1	U	35.0
	07/01/2008	0.964	I	
8836 Pritcher Road #2	03/23/2006	0.1	U	28.0
	07/01/2008	0.91	I	
8848 Pritcher Road	10/10/2007	0.261	I	220
8906 Pritcher Road*	04/03/2006	0.8	I	48.0

Table 3 (Continued)
Hillsborough County Health Department Sample Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well Address	Sample Date	Arsenic (ug/L)	As Qualifier	Molybdenum (ug/L)
8906 Pritcher Road*	09/21/2009	9.15		
8909 Pritcher Road	10/10/2007	2.56		15.0
8909 Pritcher Road	10/10/2007	1.19		5.5
8922 Pritcher Road	09/19/2007	2.1		
8925 Pritcher Road	10/27/2007	1.93		5.2
8931 Pritcher Road	10/27/2007	0.0933	I	17.0
9425 Carey Road	04/03/2006	1.2		3.6
9513 Carey Road	04/03/2006	1.2		4.6

ug/L: micrograms per Liter.

Arsenic values presented in **bold red** exceed a Primary Standard listed in Chapter 62-550, Florida Administrative Code. The Primary Standard for arsenic is 10 ug/L.

Molybdenum values presented in **bold blue** exceed the Health Advisory Limit established by the Florida Department of Health. The HAL for molybdenum is 100 ug/L.

A: The arsenic concentration reported is the mean of two or more determinations.

I: The arsenic concentration reported is above the laboratory's practical quantitation limit and below its method detection limit.

U: Arsenic was analyzed for but not detected. The number listed is the laboratory's method detection limit.

*: The supply well was also sampled by SIS.

**: The supply well is not presented in Figure 6 because it is located west of the map's scope.

- -: Sample date unknown.

Table 4
Supply Wells Sampled by SIS
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Casing Depth	Well Depth	Date Sampled	Radium 226/228 Alpha (A)	Metals	Alkalinity Chloride Sulfate	Sulfide Total Organic Carbon	Fluoride	NH ₃ NO ₂ NO ₃ Phosphorus	Kjeldahl N Bromide Silica Antimony As+3,As+5 δ18O,δD
2206 Holden Road	210	300	05/01/07	xA	x	x	x		x	
2241 Nichols Road	260	360	05/02/07	A	x	x	x		x	
2507 Nichols Road			05/02/07	A	x	x	x		x	
2512 Keyville Drive		320	05/01/07	A	x	x	x		x	
2517 Nichols Road	210	320	05/02/07	A	x	x	x		x	
2521 Nichols Road	210	320	05/01/07	A	x	x	x		x	
2741 Hartley Lane			05/02/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
2802 Pritcher Manor Court	140	215	05/01/07	xA	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
2803 Pritcher Manor Court			05/02/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
2807 Pritcher Manor Court	234	350	05/01/07	xA	x	x	x		x	
2810 Hartley Lane			12/04/07		x	x	x	x	x	x
2815 Hartley Lane			05/01/07	A	x	x	x		x	
			12/03/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
2821 Hartley Lane		215	04/30/07	xA	x	x	x		x	
			12/04/07		x	x	x	x	x	x
2830 Keyville Drive		310	05/01/07	A	x	x	x		x	
2847 Nichols Road	74	146	04/30/07	xA	x	x	x		x	
2902 Pritcher Manor Court	85	183	05/01/07	xA	x	x	x		x	
2903 Pritcher Manor Court	63	160	05/01/07	xA	x	x	x		x	
2905 Pritcher Manor Court	100	175	05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
2907 Pritcher Manor Court	70	240	05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
2908 Pritcher Manor Court	95	147	05/01/07	xA	x	x	x		x	
			12/03/07		x	x	x	x	x	x
2926 Keyville Drive		300	05/01/07	A	x	x	x		x	
3010 Toole Road	75	125	05/02/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
			08/20/09		x					
3114 Toole Road		75	05/02/07	A	x	x	x		x	
3126 Toole Road	189	308	04/30/07	xA	x	x	x		x	
3343 Nichols Road	210	300	05/01/07	A	x	x	x		x	
3504 Kent Path			06/26/07		x	x	x	x	x	
3505 Kent Path		158	06/26/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
3629 Nichols Road	127	185	05/02/07	xA	x	x	x		x	
3706 Nichols Road	171	215	05/02/07	xA	x	x	x		x	
3709 Ledlow Lane		300	05/01/07	A	x	x	x		x	

Table 4 (Continued)
Supply Wells Sampled by SIS
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Casing Depth	Well Depth	Date Sampled	Radium 226/228 Alpha (A) Tritium (T)	Metals	Alkalinity Chloride Sulfate	Sulfide Total Organic Carbon	Fluoride	NH ₃ NO ₂ NO ₃ Phosphorus	Kjeldahl N Bromide Silica Antimony As+3,As+5 δ18O,δD
3724 Nichols Road	231	320	05/01/07	xA	x	x	x		x	
5340 Beulah Church Road	210	305	05/02/07	xA	x	x	x		x	
5340 Wood Road			06/27/07		x	x	x	x	x	
5364 Wood Road		60	06/27/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
5367 Wood Road	240	380	05/01/07	A	x	x	x		x	
7911 Carey Road	97	134	06/26/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
7935 Carey Road			06/26/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8002 Edison Road	200	290	05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
8010 Edison Road	230	300	05/01/07	xA	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8110 Edison Road	210	340	05/01/07	A	x	x	x		x	
8133 Edison Road	209	300	04/30/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8203 Edison Road	252	300	05/02/07	xA	x	x	x		x	
8225 Carey Road			06/26/07		x	x	x	x	x	
8227 Edison Road	252	330	04/30/07	xA	x	x	x		x	
8304 Bob Wiggs Avenue			05/02/07	A	x	x	x		x	
			12/05/07		x	x	x	x	x	x
8312 Bob Wiggs Avenue			05/02/07	A	x	x	x		x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8331 Carey Road		160	02/28/08		x					
8331 Purvis Road		254	05/01/07	A	x	x	x		x	
8408 Bob Wiggs Avenue			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8410 Pritcher Road			04/23/09	T	x	x	x	x	x	x
8419 Edison Road	252	310	05/02/07	A	x	x	x		x	
8422 Southwood Oak Rd		200	05/02/07	A	x	x	x		x	
8438 Bob Wiggs Avenue			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8506 Edison Road	103	250	05/01/07	A	x	x	x		x	
8506 Pritcher Road	93.5	187	05/02/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
8519 Pritcher Road		150	05/02/07	A	x	x	x		x	

Table 4 (Continued)
Supply Wells Sampled by SIS
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Casing Depth	Well Depth	Date Sampled	Radium 226/228 Alpha (A)	Metals	Alkalinity Chloride Sulfate	Sulfide Total Organic Carbon	Fluoride	NH ₃ NO ₂ NO ₃ Phosphorus	Kjeldahl N Bromide Silica Antimony As+3,As+5 δ18O,δD
8520 Pritcher Road		360	05/02/07	xA	x	x	x		x	
8557 Carey Road		189	06/26/07		x	x	x	x	x	
8565 Carey Road		350	06/26/07		x	x	x	x	x	
8585 Carey Road		169	06/26/07		x	x	x	x	x	
8601 Pritcher Road (Bryan MHP)			05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
8602 Rockin T Ranch Road	79	119	12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8611 County Line Road			06/27/07		x	x	x	x	x	
8621 County Line Road			06/27/07		x	x	x	x	x	
8625 Carey Road		148	06/26/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
8626 Carey Road (3")		180	06/26/07		x	x	x	x	x	
8626 Carey Road (4")		235	06/26/07		x	x	x	x	x	
8635 County Line Road			06/27/07		x	x	x	x	x	
8644 Carey Road			06/26/07		x	x	x	x	x	
8704 Pritcher Road		185	04/30/07	xA	x	x	x		x	
			12/03/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
8707 Purvis Road	210	310	05/01/07	xA	x	x	x		x	
8709 County Line Road	240	360	05/01/07	A	x	x	x		x	
8709 Pritcher Road		350	05/02/07	A	x	x	x		x	
8710 County Line Road		200	06/27/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
			08/20/09		x					
8712 County Line Road		100	06/27/07		x	x	x	x	x	
8714 County Line Road		300	06/27/07		x	x	x	x	x	
8720 County Line Road	252	323	05/01/07	A	x	x	x		x	
8721 County Line Road		200	06/27/07		x	x	x	x	x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8726 Pritcher Road	128	167	05/01/07	A	x	x	x		x	
			12/03/07		x	x	x	x	x	x
8735 Griffith Lane		125	04/18/08		x					
8740 Griffith Lane		60	06/27/07		x	x	x	x	x	
8802 Pritcher Road	210	300	04/30/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
8803 Pritcher Road		426	04/18/08		x					
8805 Pritcher Road (Well #1)	253	420	05/01/07	xA	x	x	x		x	
8805 Pritcher Road (Well #2)	117	200	12/03/07		x	x	x	x	x	x

Table 4 (Continued)
Supply Wells Sampled by SIS
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Casing Depth	Well Depth	Date Sampled	Radium 226/228 Alpha (A)	Metals	Alkalinity Chloride Sulfate	Sulfide Total Organic Carbon	Fluoride	NH ₃ NO ₂ NO ₃ Phosphorus	Kjeldahl N Bromide Silica Antimony As+3,As+5 δ18O,δD
8818 Pritcher Road	159	220	04/30/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
8834 Carey Road	123	160	05/02/07	A	x	x	x		x	
			12/05/07		x	x	x	x	x	x
			04/22/09	T	x	x	x	x	x	x
8839 County Line Road		300	06/27/07		x	x	x	x	x	
8902 Carey Road			12/05/07		x	x	x	x	x	x
8902 Pritcher Road	117	200	04/30/07	xA	x	x	x		x	
8903 County Line Road	210	320	05/01/07	A	x	x	x		x	
8906 Pritcher Road		250	05/01/07	A	x	x	x		x	
8910 Pritcher Road			04/30/07	xA	x	x	x		x	
			12/04/07		x	x	x	x	x	x
8914 Pritcher Road	210	290	04/30/07	xA	x	x	x		x	
9007 Carey Road	210	300	05/01/07	A	x	x	x		x	
			12/05/07		x	x	x	x	x	x
9210 County Line Road		141	06/27/07		x	x	x	x	x	
9331 Edison Road	220	310	05/01/07	A	x	x	x		x	
9355 Edison Road	160	300	05/01/07	A	x	x	x		x	
9502 Edison Road			06/27/07		x	x	x	x	x	
Steppin Stone School Irrigation Well		280	05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x
Steppin Stone School Tennis Court Well		180	05/01/07	A	x	x	x		x	
			12/04/07		x	x	x	x	x	x
Steppin Stone School Volleyball Court Well		180	05/01/07	xA	x	x	x		x	
			12/04/07		x	x	x	x	x	x
			04/21/09	T	x	x	x	x	x	x

Depths are presented in feet below land surface.

Checked boxes indicate the analyses performed.

Metals include aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, molybdenum, selenium, sodium and Thallium. Vanadium was also analyzed for in samples collected on 06/26-27/2007.

NO₂NO₃: Nitrite–Nitrate.

NH₃: Ammonia

δ18O: Isotope of oxygen

δD: Isotope of hydrogen

As+3, As+5: Arsenic species

T: Tritium water dating samples collected.

Table 5
SIS Monitor Well Construction Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Casing Diameter (Inches) ¹	Top of Casing Elevation (NGVD) ²	Total Depth (Feet BLS ³)	Sand Pack Sieve Size	Screened Interval (NGVD) ²
DEP-1 (145-165')	2	110.35	165	30/40	(-34.65) – (-54.65)
DEP-1 (205-225')	2	110.40	225	30/40	(-94.6) – (-114.6)
DEP-1 (250-270')	2	110.21	270	30/40	(-139.79) – (-159.79)
DEP-1 (300-320')	2	110.25	320	30/40	(-189.75) – (-209.75)
DEP-2 (143-163')	2	91.11	163	30/40	(-51.89) – (-71.89)
DEP-2 (197-217')	2	92.33	217	30/40	(-104.67) – (-124.67)
DEP-2 (256-276')	2	91.43	276	30/40	(-164.57) – (-184.57)
DEP-2 (300-320')	2	91.48	320	30/40	(-208.52) – (-228.52)
DEP-3 (147-167')	2	84.45	167	30/40	(-62.55) – (-82.55)
DEP-3 (195-215')	2	84.42	215	30/40	(-110.58) – (-130.58)
DEP-3 (245-265')	2	84.08	265	30/40	(-160.92) – (-180.92)
DEP-3 (300-320')	2	83.25	320	30/40	(-216.75) – (-226.75)
DEP-4 (143-163')	2	99.82	163	30/40	(-43.18) – (-63.18)
DEP-4 (208-228')	2	99.53	228	30/40	(-108.47) – (-128.47)
DEP-4 (255-275')	2	99.51	275	30/40	(-155.49) – (-175.49)
DEP-4 (300-320')	2	99.11	320	30/40	(-200.89) – (-220.89)
DEP-5 (153-173')	2	86.87	173	30/40	(-66.13) – (-86.13)
DEP-5 (200-220')	2	86.97	220	30/40	(-113.03) – (-133.03)
DEP-5 (250-270')	2	87.12	270	30/40	(-162.88) – (-182.88)
DEP-5 (300-320')	2	87.16	320	30/40	(-212.84) – (-232.84)
Surficial MW-1 (34-44')	¾	101.73	44	80/120	67.73 - 57.73
Surficial MW-2 (29-39')	¾	NM	39	80/120	~69 - 59
Surficial MW-3 (30-40')	¾	NM	40	80/120	~72 - 62
Surficial MW-4 (41-51')	¾	NM	51	80/120	~69 - 59
Surficial MW-5 (39.5-49.5')	¾	NM	49.5	80/120	~65.5 – 55.5
Surficial MW-6 (22-32')	¾	NM	32	80/120	~63 - 53
Surficial MW-7 (50-55')	¾	NM	55	80/120	~62 - 57
Surficial MW-8 (40-45')	¾	86.43	45	80/120	46.43 – 41.43

1. Inside diameter.
 2. NGVD: National Geodetic Vertical Datum (1929)
 3. BLS: Below Land Surface.
- NM: Not measured.

Table 6
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of- Casing	Water Level (NGVD)
DEP-1 (145-165')	110.35	04/18/08 0923	53.65	56.70
		05/05/08 1544	59.36	50.99
		06/09/08 1419	66.13	44.22
		10/13/08 1714	52.25	58.10
		04/22/09 1029	66.07	44.28
DEP-1 (205-225')	110.40	04/18/08 0921	57.71	52.69
		05/05/08 1541	63.25	47.15
		06/09/08 1417	71.54	38.86
		10/13/08 1716	55.61	54.79
		04/22/09 1027	71.00	39.40
DEP-1 (250-270')	110.21	04/18/08 0920	57.63	52.58
		05/05/08 1539	63.19	47.02
		06/09/08 1416	71.48	38.73
		10/13/08 1718	55.54	54.67
		04/22/09 1023	70.95	39.26
DEP-1 (300-320')	110.25	04/18/08 0918	57.76	52.49
		05/05/08 1537	63.32	46.93
		06/09/08 1415	71.61	38.64
		10/13/08 1719	55.65	54.60
		04/22/09 1020	71.07	39.18
DEP-2 (143-163')	91.11	04/18/08 0853	38.73	52.38
		05/05/08 1524	45.08	46.03
		06/09/08 1436	51.66	39.45
		10/13/08 1645	37.15	53.96
		04/22/09 1013	51.47	39.64
DEP-2 (197-217')	92.33	04/18/08 0849	42.21	50.12
		05/05/08 1526	48.05	44.28
		06/09/08 1435	56.37	35.96
		10/13/08 1648	40.24	52.09
		04/22/09 1009	55.43	36.90
DEP-2 (256-276')	91.43	04/18/08 0846	42.73	48.70
		05/05/08 1528	48.51	42.92
		06/09/08 1433	56.98	34.45
		10/13/08 1643	40.70	50.73
		04/22/09 1005	56.50	34.93
DEP-2 (300-320')	91.48	04/18/08 0844	42.77	48.71
		05/05/08 1529	48.51	42.97
		06/09/08 1431	57.02	34.46
		10/13/08 1647	40.75	50.73
		04/22/09 1007	56.52	34.96
DEP-3 (147-167')	84.45	04/18/08 0907	32.40	52.05
		05/05/08 1517	38.59	45.86
		06/09/08 1447	45.55	38.90
		10/13/08 1703	30.63	53.82
		04/22/09 0929	45.00	39.45

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
DEP-3 (195-215')	84.42	04/18/08 0905	35.57	48.85
		05/05/08 1516	41.32	43.10
		06/09/08 1446	49.78	34.64
		10/13/08 1701	33.58	50.84
		04/22/09 0934	49.21	35.21
DEP-3 (245-265')	84.08	04/18/08 0902	35.17	48.91
		05/05/08 1514	40.92	43.16
		06/09/08 1445	49.36	34.72
		10/13/08 1659	33.17	50.91
		04/22/09 0937	48.80	35.28
DEP-3 (300-320')	83.25	04/18/08 0859	34.31	48.94
		05/05/08 1510	40.06	43.19
		06/09/08 1444	48.49	34.76
		10/13/08 1658	32.36	50.89
		04/22/09 0944	47.97	35.28
DEP-4 (143-163')	99.82	04/18/08 0939	40.89	58.93
		05/05/08 1559	45.21	54.61
		06/09/08 1402	52.96	46.86
		10/13/08 1729	38.41	61.41
		04/22/09 1037	53.02	46.80
DEP-4 (208-228')	99.53	04/18/08 0938	45.57	53.96
		05/05/08 1557	50.90	48.63
		06/09/08 1401	59.21	40.32
		10/13/08 1731	42.68	56.85
		04/22/09 1035	58.85	40.68
DEP-4 (255-275')	99.51	04/18/08 0941	45.55	53.96
		05/05/08 1556	50.88	48.63
		06/09/08 1400	59.19	40.32
		10/13/08 1733	42.66	56.85
		04/22/09 1032	58.93	40.58
DEP-4 (300-320')	99.11	04/18/08 0934	45.13	53.98
		05/05/08 1550	50.46	48.65
		06/09/08 1359	58.76	40.35
		10/13/08 1735	42.25	56.86
		04/22/09 1030	58.37	40.74
DEP-5 (153-173')	86.87	04/18/08 1051	38.67	48.20
		05/05/08 1449	44.48	42.39
		06/09/08 1326	52.83	34.04
		10/13/08 1604	37.36	49.51
		04/22/09 1236	52.27	34.60

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
DEP-5 (200-220')	86.97	04/18/08 1050	38.91	48.06
		05/05/08 1447	44.78	42.19
		06/09/08 1325	53.17	33.80
		10/13/08 1606	37.61	49.36
		04/22/09 1233	52.58	34.39
DEP-5 (250-270')	87.12	04/18/08 1047	40.28	46.84
		05/05/08 1446	46.10	41.02
		06/09/08 1323	54.86	32.26
		10/13/08 1607	38.49	48.63
		04/22/09 1228	54.52	32.60
DEP-5 (300-320')	87.16	04/18/08 1045	40.31	46.85
		05/05/08 1445	46.13	41.03
		06/09/08 1320	54.91	32.25
		10/13/08 1609	38.54	48.62
		04/22/09 1225	54.56	32.60
Surficial MW-1	101.73	04/22/09 1404	18.32	83.41
Surficial MW-8	86.43	04/22/09 1534	20.38	66.05
SCH-1S		04/18/08 0:00		69.41
		05/05/08 0:00		68.65
		06/09/08 0:00		68.14
		10/13/08 0:00		69.97
		04/22/09 0:00		67.04
SCH-1D (210-941')		04/18/08 0:00		18.79
		05/05/08 0:00		14.62
		06/09/08 0:00		10.92
		10/13/08 0:00		17.72
		04/22/09 0:00		10.31
SCH-2D (216-903')		04/18/08 0:00		19.26
		05/05/08 0:00		14.52
		06/09/08 0:00		10.64
		10/13/08 0:00		18.09
		04/22/09 0:00		9.99
SCH-4SA		04/18/08 0:00		45.99
		05/05/08 0:00		45.09
		06/09/08 0:00		43.93
		10/13/08 0:00		45.63
		04/22/09 0:00		43.83
SCH-4UIA (85-110')		04/18/08 0:00		37.40
		05/05/08 0:00		34.04
		06/09/08 0:00		26.86
		10/13/08 0:00		39.38
		04/22/09 0:00		29.15

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
SCH-4D (222-915')		04/18/08 0:00		29.41
		05/05/08 0:00		19.94
		06/09/08 0:00		17.86
		10/13/08 0:00		33.55
		04/22/09 0:00		15.83
SCH-15UIA (75-100')		04/18/08 0:00		44.68
		05/05/08 0:00		37.61
		06/09/08 0:00		30.13
		10/13/08 0:00		45.75
		04/22/09 0:00		32.01
GrassyGulch-I (85-120')		04/18/08 0:00		34.98
		05/05/08 0:00		33.58
		06/09/08 0:00		30.93
		10/13/08 0:00		35.77
		04/22/09 0:00		30.63
GrassyGulch-D (220-900')		04/18/08 0:00		28.80
		05/05/08 0:00		20.48
		06/09/08 0:00		17.10
		10/13/08 0:00		32.38
		04/22/09 0:00		15.21
Lithia-4" (42-115')		04/18/08 0:00		9.64
		05/05/08 0:00		8.61
		06/09/08 0:00		8.32
		10/13/08 0:00		8.82
		04/22/09 0:00		8.14
SCHM-1D (240-940')		04/18/08 0:00		19.40
		05/05/08 0:00		13.54
		06/09/08 0:00		10.60
		10/13/08 0:00		18.88
		04/22/09 0:00		10.62
SCHM-2SA		04/18/08 0:00		69.74
		05/05/08 0:00		67.62
		04/22/09 0:00		65.59
SCHM-2I (45-70')		04/18/08 0:00		64.04
		05/05/08 0:00		61.89
		06/09/08 0:00		58.91
		10/13/08 0:00		61.37
		04/22/09 0:00		56.25
SCHM-2D (116-910')		04/18/08 0:00		47.34
		05/05/08 0:00		42.61
		06/09/08 0:00		40.05
		10/13/08 0:00		36.83
		04/22/09 0:00		37.62

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
SCHM-3SA		04/18/08 0:00		78.40
		05/05/08 0:00		78.51
		06/09/08 0:00		76.63
		10/13/08 0:00		79.51
SCHM-3I (65-90')		04/18/08 0:00		67.16
		05/05/08 0:00		66.44
		06/09/08 0:00		63.22
		10/13/08 0:00		66.97
		04/22/09 0:00		61.48
SCHM-3D (218-880')		04/18/08 0:00		58.87
		05/05/08 0:00		53.45
		06/09/08 0:00		46.41
		10/13/08 0:00		57.85
		04/22/09 0:00		46.87
SCHM-4S		04/18/08 0:00		105.12
		05/05/08 0:00		104.32
		06/09/08 0:00		102.85
		10/13/08 0:00		101.51
		04/22/09 0:00		99.14
SCHM-4D (209-900')		04/18/08 0:00		50.59
		05/05/08 0:00		44.85
		06/09/08 0:00		36.76
		10/13/08 0:00		53.71
		04/22/09 0:00		37.54
SCHM-5S		04/18/08 0:00		113.84
		05/05/08 0:00		112.61
		06/09/08 0:00		111.29
		10/13/08 0:00		111.23
		04/22/09 0:00		109.42
SCHM-5I (88-110')		04/18/08 0:00		66.20
		05/05/08 0:00		63.86
		06/09/08 0:00		58.83
		10/13/08 0:00		68.69
		04/22/09 0:00		58.99
SCHM-5D (225-905')		04/18/08 0:00		47.63
		05/05/08 0:00		42.57
		06/09/08 0:00		33.64
		10/13/08 0:00		50.75
		04/22/09 0:00		34.51

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
SCHM-6S		04/18/08 0:00		87.49
		05/05/08 0:00		86.63
		06/09/08 0:00		84.87
		10/13/08 0:00		86.21
SCHM-6IA (85-115')		04/18/08 0:00		69.37
		05/05/08 0:00		65.76
		06/09/08 0:00		61.27
		10/13/08 0:00		69.67
		04/22/09 0:00		61.26
SCHM-6D (231-910')		04/18/08 0:00		32.50
		05/05/08 0:00		25.76
		06/09/08 0:00		17.69
		10/13/08 0:00		35.51
		04/22/09 0:00		18.11
SCHM-7S		04/18/08 0:00		88.88
		05/05/08 0:00		88.20
		06/09/08 0:00		87.17
		10/13/08 0:00		88.65
		04/22/09 0:00		86.09
SCHM-7IA (70-150')		04/18/08 0:00		31.14
		05/05/08 0:00		26.37
		06/09/08 0:00		21.02
		10/13/08 0:00		34.36
		04/22/09 0:00		24.30
SCHM-7D (210-940')		04/18/08 0:00		22.52
		05/05/08 0:00		14.85
		06/09/08 0:00		10.40
		10/13/08 0:00		22.19
		04/22/09 0:00		10.99
SCHM-8S		04/18/08 0:00		14.36
		05/05/08 0:00		13.00
		06/09/08 0:00		11.81
		10/13/08 0:00		13.76
		04/22/09 0:00		10.32
SCHM-8IA (60-115')		04/18/08 0:00		12.33
		05/05/08 0:00		11.14
		06/09/08 0:00		10.29
		10/13/08 0:00		11.84
		04/22/09 0:00		9.41

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
SCHM-8D (220-885')		04/18/08 0:00		12.47
		05/05/08 0:00		11.29
		06/09/08 0:00		10.44
		10/13/08 0:00		12.05
		04/22/09 0:00		9.50
SCHM-9IA (71-100')		04/18/08 0:00		40.61
		05/05/08 0:00		35.59
		06/09/08 0:00		32.09
		10/13/08 0:00		36.27
		04/22/09 0:00		32.32
SCHM-10S		04/18/08 0:00		78.68
		05/05/08 0:00		77.99
		06/09/08 0:00		76.81
		10/13/08 0:00		76.94
SCHM-10D (222-880')		04/18/08 0:00		44.33
		05/05/08 0:00		36.71
		06/09/08 0:00		30.31
		10/13/08 0:00		45.14
		04/22/09 0:00		31.99
SCHM-11S		04/18/08 0:00		82.63
		05/05/08 0:00		82.57
		06/09/08 0:00		81.63
		10/13/08 0:00		82.93
		04/22/09 0:00		79.88
SCHM-11D (220-918')		04/18/08 0:00		32.25
		05/05/08 0:00		27.14
		06/09/08 0:00		20.88
		10/13/08 0:00		36.75
		04/22/09 0:00		20.17
MWB-1 (5-43')	121.80	03/10/08 0:00		117.00
		05/14/08 0:00		115.04
		08/21/08 0:00		116.71
		10/06/08 0:00		113.72
		01/23/09 0:00		111.76
MWC-2A (5-26')	119.20	03/06/08 0:00		107.57
		05/14/08 0:00		107.96
		08/21/08 0:00		111.80
		10/07/08 0:00		110.92
		01/12/09 0:00		109.59
MWC-2B (60-77')	119.20	03/06/08 0:00		106.17
		05/14/08 0:00		106.57
		08/21/08 0:00		107.15
		10/07/08 0:00		106.30
		01/12/09 0:00		104.90

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Below Top-of-Casing	Water Level (NGVD)
MWM-3R (21-41')	120.39	03/10/08 0:00		105.40
		05/28/08 0:00		106.62
		08/26/08 0:00		104.29
		12/10/08 0:00		101.31
		01/13/09 0:00		100.85
MWC-4AR (2-24')	~95	03/10/08 0:00		88.31
		05/28/08 0:00		86.74
		08/26/08 0:00		87.71
		10/06/08 0:00		86.19
		01/12/09 0:00		86.77
MWC-4BR (37-47')	~95	03/10/08 0:00		85.72
		05/28/08 0:00		83.65
		08/25/08 0:00		87.51
		10/06/08 0:00		83.88
		01/12/09 0:00		84.41
MWC-5A (3.5-26')	115.90	03/06/08 0:00		108.08
		05/14/08 0:00		107.77
		08/26/08 0:00		109.29
		10/13/08 0:00		107.34
		01/12/09 0:00		106.48
MWC-5B (49-66')	115.90	03/06/08 0:00		107.30
		05/14/08 0:00		107.05
		08/26/08 0:00		108.56
		10/13/08 0:00		106.68
		01/12/09 0:00		105.80
MWB-6 (100-110')	~122	03/10/08 0:00		78.44
		05/14/08 0:00		75.01
		08/21/08 0:00		80.95
		10/13/08 0:00		80.49
		01/20/09 0:00		76.99
MWC-7C (65-85')	116.30	03/06/08 0:00		102.53
		05/14/08 0:00		102.22
		08/26/08 0:00		103.75
		10/13/08 0:00		102.39
		01/16/09 0:00		101.07
MWC-8R2 (101-111')	120.34	03/10/08 0:00		84.21
		05/29/08 0:00		75.23
		08/27/08 0:00		82.66
		10/13/08 0:00		80.74
		01/27/09 0:00		77.19

Table 6 (Continued)
Water Level Measurement Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well I.D.	Top-of-Casing Elevation (NGVD) ¹	Date / Time	Water Level Above Staff Gauge	Water Level (NGVD)
MWC-11 (105-500')	115.40	03/10/08 0:00		57.69
		05/29/08 0:00		49.45
		08/27/08 0:00		50.91
		11/06/08 0:00		58.28
		01/26/09 0:00		51.12
MWC-12A (11-26')	95.10	03/10/08 0:00		92.68
		05/29/08 0:00		91.78
		08/27/08 0:00		93.05
		10/07/08 0:00		91.38
		01/12/09 0:00		90.57
MWC-13A (13-33')	96.38	08/28/08 0:00		87.73
		10/06/08 0:00		86.22
		01/13/09 0:00		85.89
Alafia River @ Keysville Road Bridge	Staff Gage 38.56	04/18/08	2.98	41.54
		05/05/08	2.08	40.64
		06/09/08	1.67	40.23
		10/13/08	1.98	40.54
		04/22/09	1.57	40.13
Thirty Mile Creek @ Nichols Road Bridge	Staff Gage 59.42	04/18/08	12.00	79.00
		05/05/08	11.50	78.50
		06/09/08	10.70	70.12
		10/13/08	10.80	70.22
		04/22/09	10.27	69.69
Lithia Springs		04/18/08		9.19
		05/05/08		8.24
		10/13/08		8.26
		04/22/09		8.06

1. Inside diameter.

2. NGVD: National Geodetic Vertical Datum (1929)

3. BLS: Below Land Surface.

Tampa Bay Water reported their monitor well water level data in respect to NGVD. No depths to water measurements were provided.

Surface water measurements were downloaded from USGS.gov website.

~: Approximate.

Table 7
Tampa Bay Water Monitor Well Construction Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Casing Diameter (Inches) ¹	Total Depth (Feet BLS ²)	Open Hole Interval (BLS ²)
SC-1I	8	122	85-122
SC-4UI	8	110	85-110
SC-4LI	8	141	122-141
SC-4I	8	141	85-141
SC-7UI	8	95	70-95
SC-7LI	8	150	118-150
SC-7I	8	150	70-150
SC-15UI	8	100	75-100
SC-15LI	8	140	115-140
SC-15I	8	140	75-140
SCHM-2I	8	70	45-70
SCHM-3I	8	90	65-90
SCHM-4I	8	102	80-102
SCHM-5I	8	110	88-110
SCHM-6I	8	115	85-115
SCHM-7I	8	125	98-125
SCHM-8I	8	115	60-115
SCHM-9I	8	100	71-100
Lithia-4"	4	115	42-115
GRASSY GULCH(GG)-I	8	120	85-120
SCHM-1D	8	940	240-940
SCHM-2D	8	910	116-910
SCHM-3D	8	880	218-880
SCHM-4D	8	900	209-900
SCHM-5D	8	905	225-905
SCHM-6D	8	910	231-910
SCHM-7D	8	940	210-940
SCHM-8D	8	885	220-885
SCHM-9D	8	1000	60-1000
SCHM-10D	8	880	222-880
SCHM-11D	8	918	220-918
SCH-1D	8	941	210-941
SCH-2D	8	903	216-903
SCH-4D	8	915	222-915
GRASSY GULCH(GG)-D	8	900	220-900
ROMP-50	6/8	562	200-562
Edison Junction	8	211	65-211

1. Inside diameter.

2. BLS: Below Land Surface.

Table 8
Mosaic Nichols Facility Monitor Well Construction Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Monitor Well Years of Service	Casing Diameter (Inches) ¹	Top of Casing Elevation (NGVD) ²	Total Depth (Feet BLS ³)	Sand Pack Sieve Size	Screened Interval (BLS) ²
MWB-1	1984 - 2008	2	121.8	43	20/30	5 - 43
MW-2	1984 - 1990	1	122.69	41.5	20/30	39.5 - 41
MWC-2A	2005 - 2008	2	119.2	26	20/30	5 - 26
MWC-2B	2005 - 2008	2	119.2	77	20/30	60 - 77
MWM-3R	1984 - 2008	2	120.39	42	20/30	21 - 41
MW-4	1984 - 1990	2	112.32	30	20/30	9 - 29
MWC-4A	2005	2	~92	24	20/30	2 - 24
MWC-4AR	2007 - 2008	2	~95	25	20/30	9 - 24
MWC-4B	2005	2	~92	46	20/30	30 - 46
MWC-4BR	2007 - 2008	2	~95	48	20/30	37 - 47
MW-5	1984 - 1990	2	121.88	40	20/30	9 - 39
MWC-5A	2005 - 2008	2	115.9	26	20/30	3.5 - 26
MWC-5B	2005 - 2008	2	115.9	66	20/30	49 - 66
MWB-6	1984 - 2008	4	~122	110	Open Hole	100 - 110
MW-7	1984 - 1990	4	124.08	150	Open Hole	100 - 150
MWC-7C	2005 - 2008	3	116.3	86	Open Hole	65 - 85
MW-8	1984 - 1990	4	117.68	162	Open Hole	100 - 162
MWC-8R2	2005 - 2008	2	120.34	112	20/30	101 - 111
MWC-11	1984 - 2008	8	115.4	500	Open Hole	105 - 500
MWC-12A	2005 - 2008	2	95.1	26	20/30	11 - 26
MWC-13A	2008	2	96.38	34	20/30	13 - 33

1. Inside diameter.
2. NGVD: National Geodetic Vertical Datum (1929)
3. BLS: Below Land Surface.

Table 9
Supply and Monitor Well Pneumatic Slug Test Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	NGVD	K (Feet/Day)
DEP-1 (145-165')	110.35	4.2
DEP-1 (205-225')	110.40	41.2
DEP-1 (250-270')	110.21	6.6
DEP-1 (300-320')	110.25	42.5
DEP-2 (143-163')	91.11	9.4
DEP-2 (197-217')	92.33	6.0
DEP-2 (256-276')	91.43	3.3
DEP-2 (300-320')	91.48	3.1
DEP-3 (147-167')	84.45	2.7
DEP-3 (195-215')	84.42	41.4
DEP-3 (245-265')	84.08	6.2
DEP-3 (300-320')	83.25	1.4
DEP-4 (143-163')	99.82	3.7
DEP-4 (208-228')	99.53	9.1
DEP-4 (255-275')	99.51	9.4
DEP-4 (300-320')	99.11	5.0
DEP-5 (153-173')	86.87	4.2
DEP-5 (200-220')	86.97	1.6
DEP-5 (250-270')	87.12	7.2
DEP-5 (300-320')	87.16	42.8
8304 Bob Wiggs Road (84-149')	~ (21) – (-44)	2.9
8602 Rockn T Ranch Road (79-119')	~ (6) – (-34)	19.0
8710 County Line Road (112-206')	~ (-9) – (-103)	2.6
8506 Pritcher Road (93-187')	~ (-10) – (-104)	21
7911 Carey Road (97-134')	~ (-2) – (-39)	40.0

K: Hydraulic conductivity.

NGVD: National Geodetic Vertical Datum, 1929.

Intervals next to Well ID are screen or open-hole intervals below land surface.

Table 10
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP (mV)
2206 Holden Road	05/01/07	3.15	7.58	394	5.3 / 0.44	24.61	-226
2241 Nichols Road	05/02/07	0.62	7.59	366	0.4 / 0.02	25.42	-307
2507 Nichols Road	05/02/07	0.44	7.68	281	0.6 / 0.05	23.76	-93
2512 Keyville Road	05/01/07	1.58	7.6	373	1.5 / 0.14	24.51	-318
2517 Nichols Road	05/02/07	2.76	7.65	337	3.5 / 0.29	24.27	-302
2521 Nichols Road	05/01/07	0.93	7.71	300	0.9 / 0.08	24.67	-289
2741 Hartley Lane	05/02/07	0.65	7.64	255	13.7 / 1.15	24.29	-88
	12/04/07	NM	7.64	247	6.9 / 0.59	23.20	-118
2802 Pritcher Manor Court	05/01/07	0.27	7.85	230	1.2 / 0.10	24.61	-88
	12/04/07	NM	7.8	225	2.2 / 0.18	24.54	-168
	04/21/09	1.78	7.82	246	0.8 / 0.07	24.64	-96
2803 Pritcher Manor Court	05/02/07	1.36	7.66	264	2.4 / 0.20	24.64	-114
	12/04/07	NM	7.67	254	9.7 / 0.88	24.50	-122
2807 Pritcher Manor Court	05/01/07	1.91	7.95	214	3.1 / 0.25	25.20	-115
2810 Hartley Lane	12/04/07	NM	7.84	231	2.7 / 0.23	23.16	-187
2815 Hartley Lane	05/01/07	0.35	7.66	388	1.7 / 0.14	23.98	-49
	12/03/07	NM	7.52	341	4.1 / 0.35	23.95	-81
	04/21/09	1.45	7.58	354	1.1 / 0.09	23.90	-39
2821 Hartley Lane	04/30/07	0.65	7.28	250	5.7 / 0.48	23.95	185
	12/04/07	0.69	7.32	253	NR / 0.16	23.99	-67
2830 Keyville Drive	05/01/07	8.74	7.51	394	1.1 / 0.09	24.09	-265
2847 Nichols Road	04/30/07	2.51	7.27	330	2.7 / 0.22	25.00	-144
2902 Pritcher Manor Court	05/01/07	0.95	7.61	340	2.2 / 0.18	25.36	-232
2903 Pritcher Manor Court	05/01/07	0.74	6.44	218	67.5 / 5.70	23.69	121
2905 Pritcher Manor Court	05/01/07	0.62	7.77	230	18.6 / 1.57	24.23	-78
	12/04/07	NM	7.81	234	11.7 / 1.0	23.17	-76
2907 Pritcher Manor Court	05/01/07	0.22	7.87	234	2.3 / 0.19	23.98	-115
	12/04/07	1.41	7.49	237	2.7 / 0.23	23.67	-91
2908 Pritcher Manor Court	05/01/07	0.32	7.77	160	80.2 / 6.51	25.66	112
	12/03/07	0.98	7.21	191	68.0 / 5.53	25.59	82
2926 Keyville Road	05/01/07	4.79	7.42	451	1.1 / 0.10	24.12	-238
3010 Toole Road	05/02/07	0.53	7.8	225	91.0 / 7.62	24.23	-12
	12/04/07	0.26	7.75	239	NR / 0.09	24.67	-213
	04/21/09	3.63	7.91	247	0.9 / 0.07	24.70	-127

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
3010 Toole Road	08/20/09	NM	NM	NM	NM	NM	NM
3114 Toole Road	05/02/07	1.86	6.29	131	41.4 / 3.49	23.77	142
3126 Toole Road	04/30/07	1.13	7.57	341	2.2 / 0.18	24.28	-234
3343 Nichols Road	05/01/07	3.22	7.62	304	1.2 / 0.10	24.92	-236
3504 Kent Path	06/26/07	0.61	7.49	255	2.70 / 0.23	24.54	-133
3505 Kent Path	06/26/07	0.60	7.01	208	16.0 / 1.31	24.54	-153
	12/05/07	NM	7.1	248	5.1 / 0.43	23.82	-192
3629 Nichols Road	05/02/07	2.98	7.62	251	1.3 / 0.11	23.69	-151
3706 Nichols Road	05/02/07	4.35	7.63	320	27.2 / 2.27	24.11	-146
3709 Ledlow Lane	05/01/07	3.48	7.86	221	0.8 / 0.07	24.41	-203
3724 Nichols Road	05/01/07	5.75	7.52	330	1.1 / 0.09	24.99	-226
5340 Beulah Church Road	05/02/07	3.9	7.66	402	69.1 / 5.76	24.65	-167
5340 Wood Road	06/27/07	0.62	7.39	255	0.30 / 0.02	24.41	-195
5364 Wood Road	06/27/07	0.95	6.37	172	48.8 / 4.06	24.64	93
	12/05/07	NM	6.35	197	52.0 / 4.4	23.90	148
	04/22/09	3.57	6.21	330	25.8 / 2.16	24.39	141
5367 Wood Road	05/01/07	2.7	7.6	367	14.0/1.10	28.09	-200
7911 Carey Road	06/26/07	0.98	7.59	296	5.90 / 0.48	25.79	-170
	12/05/07	NM	7.56	287	2.0 / 0.18	22.00	-212
	04/22/09	1.53	7.53	301	6.1 / 0.50	24.68	-231
7935 Carey Road	06/26/07	12.8	7.92	206	12.0 / 0.99	25.20	-65
	12/05/07	NM	7.82	242	2.2 / 0.21	19.09	-220
	04/22/09	15.6	7.75	209	13.9 / 1.17	23.60	-218
8002 Edison Road	05/01/07	0.61	7.84	239	0.3 / 0.03	24.49	-243
	12/04/07	0.88	7.33	240	1.4 / 0.12	24.46	-110
8010 Edison Road	05/01/07	1.09	7.88	236	1.0 / 0.90	24.30	-175
	12/04/07	NM	7.66	257	7.2 / 0.61	24.48	-190
	04/22/09	0.60	7.66	249	1.1 / 0.09	24.71	-117
8110 Edison Road	05/01/07	0.81	7.66	311	1.0 / 0.08	24.73	-260
8133 Edison Road	04/30/07	0.34	7.77	269	1.1 / 0.09	24.40	380
	12/04/07	NM	7.88	228	1.9 / 0.16	23.85	-169
	04/22/09	0.66	7.50	262	2.0 / 0.16	24.67	-132
8203 Edison Road	05/02/07	0.38	7.6	345	1.1 / 0.09	24.50	-322
8225 Carey Road	06/26/07	0.66	7.95	360	86.9 / 7.29	24.08	96

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
8227 Edison Road	04/30/07	0.66	7.41	252	1.6 / 0.12	24.65	-152
8304 Bob Wiggs Avenue	05/02/07	2.97	7.73	238	1.8 / 0.16	24.24	-154
	12/05/07	NM	7.8	240	2.1 / 0.17	23.88	-204
8312 Bob Wiggs Avenue	05/02/07	5.28	7.15	416	9.2 / 0.80	23.11	46
	12/05/07	NM	6.97	446	27.7 / 2.37	23.04	-16
	04/22/09	1.33	7.14	429	26.7 / 2.26	23.49	4
8331 Carey Road	02/28/08	NM	7.69	215	82.3 / 7.07	22.90	169
8331 Purvis Road	05/01/07	0.43	7.74	278	0.8 / 0.07	24.90	-257
8408 Bob Wiggs Avenue	12/05/07	NM	7.62	371	23.6 / 2.04	23.01	-122
	04/22/09	5.19	7.58	404	2.0 / 0.17	23.76	-95
8410 Pritcher Road	04/23/09	7.77	7.49	346	0.5 / 0.04	24.20	-189
8419 Edison Road	05/02/07	NM	7.66	367	1.0 / 0.09	24.44	-254
8422 Southwood Oak Road	05/02/07	2.18	7.6	365	5.0 / 0.43	24.89	-200
8438 Bob Wiggs Avenue	12/05/07	NM	7.57	293	2.0 / 0.17	24.51	-62
	04/22/09	0.97	7.56	304	2.7 / 0.23	24.88	-223
8506 Edison Road	05/01/07	0.4	7.41	244	1.4 / 0.10	24.55	-175
8506 Pritcher Road	05/02/07	1.19	7.51	363	20.0 / 1.60	27.50	-49
	12/04/07	NM	7.66	330	33.5 / 2.80	24.63	-103
	04/21/09	2.32	7.57	349	41.2 / 3.43	24.68	-19
8519 Pritcher Road	05/02/07	8.2	7.16	286	73.4 / 6.08	24.81	52
8520 Pritcher Road	05/02/07	0.22	7.45	350	3.2 / 0.26	24.91	-244
8557 Carey Road	06/26/07	1.79	7.4	300	1.4 / 0.18	24.52	-180
8565 Carey Road	06/26/07	0.25	7.38	339	2.8 / 0.62	24.99	-292
8585 Carey Road	06/26/07	1.35	7.79	211	6.3 / 0.52	24.82	-135
8601 Pritcher Road (Bryan MHP)	05/01/07	0.25	7.87	222	2.1 / 0.18	25.21	-37
	12/04/07	NM	7.7	221	8.1 / 0.67	25.05	-129
	04/21/09	0.38	7.72	224	0.7 / 0.05	25.11	-41
8602 Rockn T Ranch Road	12/05/07	NM	7.73	251	2.9 / 0.24	24.13	-210
	04/22/09	0.67	7.71	247	2.3 / 0.17	24.59	-187
8611 County Line Road	06/27/07	0.28	7.73	213	56.0 / 4.6	25.48	46
8621 County Line Road	06/27/07	0.15	7.74	261	55.9 / 4.71	23.94	64
8625 Carey Road	06/26/07	2.26	7.79	263	5.9 / 0.48	26.00	-130
	12/05/07	NM	7.69	264	9.4 / 0.77	24.97	-165
8626 Carey Road (3")	06/26/07	1.47	7.37	249	56.4 / 4.56	25.91	35

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
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Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
8626 Carey Road (4")	06/26/07	0.55	7.32	312	4.4 / 0.39	24.56	-249
8635 County Line Road	06/27/07	0.37	7.52	228	0.3 / 0.02	24.07	-166
8644 Carey Road	06/26/07	1.1	8.01	326	56.5 / 4.61	25.30	119
8704 Pritcher Road	04/30/07	0.55	7.38	135	4.6 / 0.38	26.61	187
	12/03/07	NM	7.85	223	7.0 / 0.58	25.00	-7
	04/21/09	1.14	7.96	261	10.4 / 0.86	25.12	13
8707 Purvis Road	05/01/07	0.82	7.59	331	0.9 / 0.06	24.68	-275
8709 County Line Road	05/01/07	10.4	7.49	334	12.7 / 1.02	26.71	-195
8709 Pritcher Road	05/02/07	0.76	7.86	213	62.0 / 5.20	24.20	56
8710 County Line Road	06/27/07	0.59	7.29	295	0.8 / 0.06	24.01	-146
	12/05/07	NM	7.51	325	NR / 0.16	23.82	-189
	08/20/09	NM	NM	NM	NM	NM	NM
	04/22/09	14.4	7.36	316	1.0 / 0.09	23.91	-189
8712 County Line Road	06/27/07	9.64	7.4	217	1.1 / 0.09	24.50	-124
8714 County Line Road	06/27/07	2.36	7.47	333	5.3 / 0.44	24.43	-250
8720 County Line Road	05/01/07	3.98	7.48	329	1.1 / 0.10	24.26	-232
8721 County Line Road	06/27/07	3.04	7.7	253	7.8 / 0.64	25.10	-119
	12/05/07	NM	7.71	265	NR / 0.8	22.82	-167
	04/22/09	3.78	7.58	274	4.4 / 0.37	24.10	-230
8726 Pritcher Road	05/01/07	0.98	7.99	214	4.1 / 0.34	24.44	-132
	12/03/07	1.56	7.57	216	1.7 / 0.14	24.38	-171
8735 Griffith Lane	04/17/08	0.93	7.68	206	42.5 / 3.60	23.56	-95
8740 Griffith Lane	06/27/07	0.5	7.71	284	12.6 / 1.07	23.47	68
8802 Pritcher Road	04/30/07	2.91	7.84	217	1.1 / 0.09	24.74	124
	12/04/07	NM	7.71	232	2.4 / 0.20	24.36	-240
8803 Pritcher Road	04/18/08	0.30	7.36	240	8.6 / 0.72	24.55	-85
8805 Pritcher Road	05/01/07	3.08	7.85	228	59.9 / 4.87	25.86	82
8805 Pritcher Road (Well#2)	12/03/07	NM	7.66	192	14.0/1.16	24.64	-80
8818 Pritcher Road	04/30/07	4.91	7.90	201	1.2 / 0.10	24.20	-17
	12/04/07	NM	7.51	326	2.0 / 0.17	24.55	-272
8834 Carey Road	05/02/07	3.58	7.48	227	1.0 / 0.08	24.25	-133
	12/05/07	NM	7.59	296	NR / 0.13	23.92	-166
	04/22/09	2.65	7.48	293	3.4 / 0.29	24.13	-189
8839 County Line Road	06/27/07	0.82	7.53	331	8.1 / 0.68	24.43	-245

Table 10 (Continued)
Ground Water Parameters
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Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
8902 Carey Road	12/05/07	NM	7.32	262	NR / 0.11	24.07	-221
8902 Pritcher Road	04/30/07	5.28	7.46	324	0.9 / 0.07	24.84	-227
8903 County Line Road	05/01/07	7.28	7.47	329	1.8 / 0.15	24.81	-227
8906 Pritcher Road	05/01/07	3.10	7.91	190	41.3 / 3.46	24.08	80
8910 Pritcher Road	04/30/07	4.02	7.75	223	3.4 / 0.26	25.00	-220
	12/04/07	NM	7.56	328	1.9 / 0.16	24.31	-263
8910 Pritcher Road	12/04/07	NM	7.56	328	1.9 / 0.16	24.31	-263
8914 Pritcher Road	04/30/07	3.83	7.66	321	60.3 / 5.0	25.60	-161
9007 Carey Road	05/01/07	3.14	7.61	302	0.8 / 0.07	24.42	-213
	12/05/07	NM	7.59	315	NR / 0.14	24.04	-246
9210 County Line Road	06/27/07	0.54	7.28	367	0.5 / 0.04	24.07	-190
9331 Edison Road	05/01/07	0.51	7.53	391	0.5 / 0.04	24.42	-307
9355 Edison Road	05/01/07	0.45	7.45	419	0.8 / 0.07	23.98	-247
9502 Edison Road	06/27/07	1.01	7.62	291	8.1 / 0.69	23.22	-123
School Irrigation Well	05/01/07	0.33	7.77	349	60.6 / 5.0	24.98	-153
	12/04/07	NM	7.35	475	27.1 / 2.22	25.36	749 (AC)
	04/21/09	0.83	7.50	339	2.3 / 0.19	25.15	-231
School Tennis Court Well	05/01/07	0.85	7.64	321	6.8 / 0.56	24.42	-99
	12/04/07	0.55	7.39	321	NR / 0.11	24.52	-175
School Volleyball Court Well	05/01/07	0.17	7.64	326	1.6 / 0.13	24.58	-64
	12/04/07	1.05	7.49	336	NR / 0.16	24.56	-142
	04/21/09	1.23	7.65	301	1.3 / 0.11	24.62	-107
8331 Carey Road	02/28/08	NM	7.69	215	82.3 / 7.07	NM	169
8735 Griffith Lane	04/17/08	0.93	7.68	206	42.5 / 3.60	23.56	-95.3
8803 Pritcher Road	04/18/08	0.30	7.36	240	8.6 / 0.72	24.55	-84.7
DEP-1 (145-165')	04/15/08	4.70	9.86	290	1.5 / 0.12	24.83	-283
	05/07/08	5.54	9.93	285	0.5 / 0.03	25.25	-333
	06/10/08	2.71	10.06	252	3.2 / 0.25	25.20	-305
	10/15/08	1.82	9.78	263	2.3 / 0.19	24.97	NC
	04/21/09	0.40	9.37	227	1.7 / 0.14	25.34	-251
DEP-1 (205-225')	04/16/08	10.8	7.57	346	1.9 / 0.14	26.27	-303
	05/07/08	4.39	7.48	355	0.8 / 0.02	25.32	-299
	06/10/08	2.70	7.74	306	3.7 / 0.30	25.29	-262
	10/15/08	0.96	7.49	344	2.5 / 0.21	25.08	NC

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
DEP-1 (205-225')	04/21/09	3.86	8.08	367	5.0 / 0.42	25.08	-315
DEP-1 (250-270')	04/16/08	5.35	7.32	352	1.9 / 0.16	23.65	-330
	05/07/08	2.90	7.57	347	0.6 / 0.05	25.69	-300
DEP-1 (250-270')	06/10/08	2.58	7.52	303	2.5 / 0.21	25.33	-280
	10/15/08	1.19	7.54	343	2.3 / 0.19	25.17	NC
	04/21/09	1.39	7.40	342	3.7 / 0.30	25.31	-273
DEP-1 (300-320')	04/16/08	5.35	7.25	354	2.0 / 0.16	25.23	-322
	05/07/08	0.87	7.48	340	0.6 / 0.05	25.21	-286
	06/10/08	1.86	7.40	309	1.9 / 0.16	25.26	-290
	10/15/08	0.54	7.49	347	2.1 / 0.17	25.31	NC
	04/21/09	0.47	7.40	350	5.9 / 0.48	25.46	-283
DEP-2 (143-163')	04/14/08	8.06	7.68	256	1.4 / 0.12	25.00	-240
	05/06/08	1.71	7.70	246	2.2 / 0.18	25.05	-191
	06/10/08	4.69	7.86	277	0.4 / 0.03	25.61	-242
	10/14/08	1.94	7.78	265	3.1 / 0.26	25.20	NC
	04/21/09	2.15	7.68	303	1.4 / 0.12	25.20	-211
DEP-2 (197-217')	04/15/08	1.53	7.42	305	2.2 / 0.18	25.05	-289
	05/06/08	2.04	7.48	286	0.7 / 0.06	25.33	-230
	06/10/08	6.22	7.48	313	1.0 / 0.08	25.35	-226
	10/14/08	1.37	7.56	309	12.8 / 1.05	25.28	NC
	04/21/09	0.31	7.47	311	1.41 / 0.11	25.48	-199
DEP-2 (256-276')	04/15/08	0.66	7.37	345	1.3 / 0.11	25.36	-327
	05/06/08	3.50	7.46	423	1.0 / 0.08	25.61	-266
	06/11/08	2.74	7.28	354	2.4 / 0.19	25.50	-271
	10/14/08	1.70	7.48	350	1.9 / 0.15	25.66	NC
	04/21/09	1.24	7.85	355	5.6 / 0.46	25.49	-253
DEP-2 (300-320')	04/14/08	12.4	7.30	347	1.6 / 0.13	25.56	-314
	05/06/08	0.64	7.42	410	1.1 / 0.09	25.70	-257
	06/10/08	1.81	7.34	317	1.3 / 0.10	25.83	-300
	10/14/08	1.53	7.48	360	2.7 / 0.22	25.68	NC
	04/21/09	0.68	7.84	398	7.0 / 0.57	25.67	-257
DEP-3 (147-167')	04/15/08	0.93	7.57	334	2.3 / 0.19	24.97	-280
	05/06/08	1.30	7.79	447	1.6 / 0.12	25.10	-177
	06/10/08	1.90	7.65	301	2.5 / 0.20	25.29	-230

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
DEP-3 (147-167')	10/14/08	4.22	7.71	338	2.7 / 0.22	25.20	NC
	04/21/09	1.69	7.89	339	0.6 / 0.05	25.21	-211
DEP-3 (195-215')	04/15/08	0.66	7.35	337	1.7 / 0.14	24.92	-321
	05/06/08	0.31	7.36	410	0.8 / 0.07	25.12	-296
	06/10/08	3.05	7.51	345	0.2 / 0.02	25.56	-293
	10/14/08	0.19	7.49	349	8.1 / 0.67	25.27	NC
	04/21/09	0.18	8.00	393	1.1 / 0.08	24.99	-315
DEP-3 (245-265')	04/15/08	0.44	7.34	339	1.3 / 0.11	25.14	-331
	05/06/08	0.32	7.38	436	1.0 / 0.08	25.34	-280
	06/10/06	3.95	7.53	347	0.2 / 0.02	25.60	-288
	10/14/08	1.81	7.46	350	2.9 / 0.23	25.43	NC
	04/21/09	1.70	8.02	387	0.1 / 0.01	25.43	-323
DEP-3 (300-320')	04/15/08	0.71	7.43	348	1.6 / 0.13	25.33	-314
	05/06/08	10.0	7.46	321	0.4 / 0.03	25.53	-280
	06/10/08	2.28	7.39	313	2.1 / 0.17	25.65	-294
	10/14/08	2.48	7.49	357	2.6 / 0.21	25.24	NC
	04/21/09	0.23	7.42	360	3.3 / 0.26	25.66	-233
DEP-4 (143-163')	04/17/08	1.90	7.36	357	3.4 / 0.29	24.18	-269
	05/06/08	2.01	7.49	316	0.7 / 0.06	24.48	-282
	06/10/08	3.19	7.59	344	0.4 / 0.04	24.59	-257
	10/14/08	2.18	7.53	350	2.9 / 0.24	24.42	NC
	04/21/09	7.34	7.48	353	3.1 / 0.26	24.23	-211
DEP-4 (208-228')	04/17/08	9.64	7.39	370	3.6 / 0.30	24.33	-300
	05/06/08	6.90	7.46	308	0.6 / 0.05	24.34	-296
	06/10/08	4.58	7.59	333	1.5 / 0.11	25.84	-258
	10/14/08	6.63	7.56	330	2.3 / 0.19	24.34	NC
	04/20/09	12.8	7.85	322	0.2 / 0.02	24.17	-289
DEP-4 (255-275')	04/16/08	1.01	7.32	352	0.7 / 0.06	24.08	-320
	05/06/08	1.14	7.46	310	0.4 / 0.04	24.59	-292
	06/10/08	1.69	7.45	302	2.2 / 0.17	24.44	-294
	10/14/08	0.50	7.53	341	2.1 / 0.18	24.22	NC
	04/20/09	1.17	7.35	343	3.1 / 0.26	24.17	-260
DEP-4 (300-320')	04/16/08	18.4	7.35	386	3.8 / 0.31	24.62	-320
	05/06/08	9.46	7.46	324	0.5 / 0.04	24.78	-296

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Supply Well ID	Date Sampled	Turbidity	pH	SC (Microsiemens per cm)	DO % / mg/L	Temp (C°)	ORP
DEP-4 (300-320')	06/10/08	6.62	7.40	303	2.1 / 0.18	24.39	-295
	10/14/08	10.2	7.53	338	2.4 / 0.19	24.30	NC
	04/20/09	11.7	7.44	343	9.5 / 0.79	24.28	-274
DEP-5 (153-173')	04/17/08	8.24	7.33	342	2.6 / 0.21	25.50	-325
	05/05/08	1.75	7.55	325	1.7 / 0.14	25.15	-268
	06/09/08	6.82	7.95	368	1.8 / 0.13	24.86	-301
	10/14/08	11.6	7.53	321	2.0 / 0.17	24.76	NC
	04/21/09	8.96	8.04	329	8.9 / 0.74	24.90	-293
DEP-5 (200-220')	04/17/08	5.51	7.22	379	2.5 / 0.20	24.90	-341
	05/05/08	10.0	7.53	337	7.6 / 0.63	25.26	-279
	06/09/08	6.29	7.87	407	0.9 / 0.07	24.99	-310
	10/13/08	12.9	7.45	361	15.3 / 1.26	25.02	NC
	04/21/09	5.63	7.97	373	9.0 / 0.74	24.82	-297
DEP-5 (250-270')	04/17/08	2.46	7.22	380	3.3 / 0.27	25.70	-329
	05/05/08	10.5	7.43	445	2.1 / 0.17	26.51	-327
	06/09/08	3.79	7.35	310	1.8 / 0.15	24.98	-287
	10/13/08	4.27	7.49	343	4.1 / 0.34	25.07	NC
	04/21/09	2.84	7.35	350	3.1 / 0.25	25.04	-282
DEP-5 (300-320')	04/17/08	10.2	7.22	357	4.3 / 0.35	25.11	-310
	05/05/08	0.37	7.36	433	0.7 / 0.06	25.17	-299
	06/09/08	2.11	7.35	316	2.6 / 0.22	25.10	-278
	10/14/08	3.88	7.44	354	2.7 / 0.22	25.01	NC
	04/21/09	1.66	7.35	364	5.8 / 0.48	25.16	-283
Surficial MW-1	04/20/09	2.01	7.12	209	10.6 / 0.89	23.74	-192
Surficial MW-2	04/23/09	1.06	6.51	1625	15.3 / 1.25	25.26	-159
Surficial MW-3	04/23/09	8.40	5.42	3406	12.5 / 1.01	25.56	2
Surficial MW-4	04/23/09	10.6	6.81	235	8.0 / 0.67	24.46	-98
Surficial MW-5	04/22/09	7.63	6.56	163	60.9 / 5.10	24.03	-9.5
Surficial MW-6	04/22/09	7.40	6.26	346	86.7 / 7.21	24.60	72
Surficial MW-7	04/22/09	5.40	6.55	231	14.7 / 1.22	24.49	-144
Surficial MW-8	04/22/09	2.81	7.06	157	69.0 / 5.65	25.26	17.5
30 Mile Creek	06/10/08	16.4	7.48	411	27.9	26.46	-6.2
Alafia River	06/10/08	5.99	7.76	571	46.1	25.85	26.3

Table 10 (Continued)
Ground Water Parameters
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

DO:	Dissolved oxygen.		
mg/L:	Milligrams per Liter.		
NTUs:	Nephelometric Turbidity Units.		
BLS:	Below land surface.		
mV:	Millivolts		
NM:	Not measured.		
NR:	Not recorded.	ORP: Oxidation Reduction Potential (millivolts)	AC: After chlorinator.

Table 11
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2206 Holden Road	Alkalinity	151	0.65		mg CaCO3/L	5/1/2007
2206 Holden Road	Alpha, Total	2.2			pCi/L	5/1/2007
2206 Holden Road	Alpha-Counting Error	1.3			pCi/L	5/1/2007
2206 Holden Road	Aluminum	20	20	U	ug/L	5/1/2007
2206 Holden Road	Ammonia-N	0.29	0.01		mg N/L	5/1/2007
2206 Holden Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2206 Holden Road	Barium	22.3	2		ug/L	5/1/2007
2206 Holden Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
2206 Holden Road	Chloride	10	0.4		mg Cl/L	5/1/2007
2206 Holden Road	Chromium	1	1	U	ug/L	5/1/2007
2206 Holden Road	Iron	10	10	U	ug/L	5/1/2007
2206 Holden Road	Lead	0.2	0.2	U	ug/L	5/1/2007
2206 Holden Road	Manganese	2	2	U	ug/L	5/1/2007
2206 Holden Road	Molybdenum	0.23	0.15	I	ug/L	5/1/2007
2206 Holden Road	NO2NO3-N	0.008	0.004	I	mg N/L	5/1/2007
2206 Holden Road	Organic Carbon	1.5	1	I	mg C/L	5/1/2007
2206 Holden Road	Radium 226	1.8			pCi/L	5/1/2007
2206 Holden Road	Radium 226-Counting Error	0.4			pCi/L	5/1/2007
2206 Holden Road	Radium 228	0.8		U	pCi/L	5/1/2007
2206 Holden Road	Radium 228-Counting Error	0.5			pCi/L	5/1/2007
2206 Holden Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
2206 Holden Road	Sodium	9.3	0.1		mg/L	5/1/2007
2206 Holden Road	Sulfate	43	0.4		mg SO4/L	5/1/2007
2206 Holden Road	Sulfide	1.2	0.05		mg S/L	5/1/2007
2206 Holden Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
2206 Holden Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2241 Nichols Road	Alkalinity	154	0.65		mg CaCO3/L	5/2/2007
2241 Nichols Road	Alpha, Total	1.9		U	pCi/L	5/2/2007
2241 Nichols Road	Alpha-Counting Error	1.1			pCi/L	5/2/2007
2241 Nichols Road	Aluminum	5	5	U	ug/L	5/2/2007
2241 Nichols Road	Ammonia-N	0.24	0.01		mg N/L	5/2/2007
2241 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
2241 Nichols Road	Barium	25.5	0.3		ug/L	5/2/2007
2241 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
2241 Nichols Road	Chloride	11	0.4		mg Cl/L	5/2/2007
2241 Nichols Road	Chromium	1	1	U	ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2241 Nichols Road	Iron	22	5		ug/L	5/2/2007
2241 Nichols Road	Lead	0.2	0.2	U	ug/L	5/2/2007
2241 Nichols Road	Manganese	0.18	0.1	I	ug/L	5/2/2007
2241 Nichols Road	Molybdenum	2	2	U	ug/L	5/2/2007
2241 Nichols Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
2241 Nichols Road	Organic Carbon	1.5	1	I	mg C/L	5/2/2007
2241 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
2241 Nichols Road	Sodium	9.4	0.75		mg/L	5/2/2007
2241 Nichols Road	Sulfate	22	0.4		mg SO4/L	5/2/2007
2241 Nichols Road	Sulfide	1.6	0.05		mg S/L	5/2/2007
2241 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
2241 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
2507 Nichols Road	Alkalinity	140	0.65		mg CaCO3/L	5/2/2007
2507 Nichols Road	Alpha, Total	2		U	pCi/L	5/2/2007
2507 Nichols Road	Alpha-Counting Error	1.4			pCi/L	5/2/2007
2507 Nichols Road	Aluminum	20	20	U	ug/L	5/2/2007
2507 Nichols Road	Ammonia-N	0.073	0.01		mg N/L	5/2/2007
2507 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
2507 Nichols Road	Barium	4.8	2	I	ug/L	5/2/2007
2507 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
2507 Nichols Road	Chloride	7.6	0.2		mg Cl/L	5/2/2007
2507 Nichols Road	Chromium	1	1	U	ug/L	5/2/2007
2507 Nichols Road	Iron	19	10	I	ug/L	5/2/2007
2507 Nichols Road	Lead	0.2	0.2	U	ug/L	5/2/2007
2507 Nichols Road	Manganese	10.9	1	J	ug/L	5/2/2007
2507 Nichols Road	Molybdenum	0.62	0.15		ug/L	5/2/2007
2507 Nichols Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/2/2007
2507 Nichols Road	Organic Carbon	1.3	1	I	mg C/L	5/2/2007
2507 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
2507 Nichols Road	Sodium	6.1	0.1		mg/L	5/2/2007
2507 Nichols Road	Sulfate	0.43	0.2	I	mg SO4/L	5/2/2007
2507 Nichols Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
2507 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
2507 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
2512 Keysville Drive	Alkalinity	152	0.65		mg CaCO3/L	5/1/2007
2512 Keysville Drive	Alpha, Total	2.2			pCi/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2512 Keysville Drive	Alpha-Counting Error	1.6			pCi/L	5/1/2007
2512 Keysville Drive	Aluminum	5	5	U	ug/L	5/1/2007
2512 Keysville Drive	Ammonia-N	0.33	0.01		mg N/L	5/1/2007
2512 Keysville Drive	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2512 Keysville Drive	Barium	19.6	0.3		ug/L	5/1/2007
2512 Keysville Drive	Cadmium	0.05	0.05	U	ug/L	5/1/2007
2512 Keysville Drive	Chloride	12	0.4		mg Cl/L	5/1/2007
2512 Keysville Drive	Chromium	1	1	U	ug/L	5/1/2007
2512 Keysville Drive	Iron	8.4	5	I	ug/L	5/1/2007
2512 Keysville Drive	Lead	0.32	0.2	I	ug/L	5/1/2007
2512 Keysville Drive	Manganese	0.15	0.1	I	ug/L	5/1/2007
2512 Keysville Drive	Molybdenum	2.5	0.1		ug/L	5/1/2007
2512 Keysville Drive	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
2512 Keysville Drive	Organic Carbon	7.8	1		mg C/L	5/1/2007
2512 Keysville Drive	Selenium	0.5	0.5	U	ug/L	5/1/2007
2512 Keysville Drive	Sodium	9.7	0.75		mg/L	5/1/2007
2512 Keysville Drive	Sulfate	26	0.4		mg SO4/L	5/1/2007
2512 Keysville Drive	Sulfide	1.9	0.05		mg S/L	5/1/2007
2512 Keysville Drive	Thallium	0.1	0.1	U	ug/L	5/1/2007
2512 Keysville Drive	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2517 Nichols Road	Alkalinity	147	0.65		mg CaCO3/L	5/2/2007
2517 Nichols Road	Alpha, Total	1.5		U	pCi/L	5/2/2007
2517 Nichols Road	Alpha-Counting Error	0.9			pCi/L	5/2/2007
2517 Nichols Road	Aluminum	5	5	U	ug/L	5/2/2007
2517 Nichols Road	Ammonia-N	0.23	0.01		mg N/L	5/2/2007
2517 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
2517 Nichols Road	Barium	18.6	0.3		ug/L	5/2/2007
2517 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
2517 Nichols Road	Chloride	12	0.2		mg Cl/L	5/2/2007
2517 Nichols Road	Chromium	1	1	U	ug/L	5/2/2007
2517 Nichols Road	Iron	6.4	5	I	ug/L	5/2/2007
2517 Nichols Road	Lead	0.2	0.2	U	ug/L	5/2/2007
2517 Nichols Road	Manganese	0.59	0.1		ug/L	5/2/2007
2517 Nichols Road	Molybdenum	3.5	2	I	ug/L	5/2/2007
2517 Nichols Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
2517 Nichols Road	Organic Carbon	1.4	1	I	mg C/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2517 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
2517 Nichols Road	Sodium	9.3	0.75		mg/L	5/2/2007
2517 Nichols Road	Sulfate	14	0.2		mg SO4/L	5/2/2007
2517 Nichols Road	Sulfide	1.5	0.05		mg S/L	5/2/2007
2517 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
2517 Nichols Road	Total-Phosphorus	0.024	0.02	I	mg P/L	5/2/2007
2521 Nichols Road	Alkalinity	141	0.65		mg CaCO3/L	5/1/2007
2521 Nichols Road	Alpha, Total	0.9		U	pCi/L	5/1/2007
2521 Nichols Road	Alpha-Counting Error	0.6			pCi/L	5/1/2007
2521 Nichols Road	Aluminum	5	5	U	ug/L	5/1/2007
2521 Nichols Road	Ammonia-N	0.18	0.01	J	mg N/L	5/1/2007
2521 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2521 Nichols Road	Barium	13.6	0.3		ug/L	5/1/2007
2521 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
2521 Nichols Road	Chloride	9.4	0.2		mg Cl/L	5/1/2007
2521 Nichols Road	Chromium	1	1	U	ug/L	5/1/2007
2521 Nichols Road	Iron	5	5	U	ug/L	5/1/2007
2521 Nichols Road	Lead	0.36	0.2	I	ug/L	5/1/2007
2521 Nichols Road	Manganese	2.6	0.1		ug/L	5/1/2007
2521 Nichols Road	Molybdenum	0.96	0.1		ug/L	5/1/2007
2521 Nichols Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
2521 Nichols Road	Organic Carbon	7.6	1		mg C/L	5/1/2007
2521 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
2521 Nichols Road	Sodium	8.7	0.75		mg/L	5/1/2007
2521 Nichols Road	Sulfate	6.9	0.2		mg SO4/L	5/1/2007
2521 Nichols Road	Sulfide	0.13	0.05		mg S/L	5/1/2007
2521 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
2521 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2741 Hartley Lane	Alkalinity	121	0.65		mg CaCO3/L	5/2/2007
2741 Hartley Lane	Alkalinity	119	0.65		mg CaCO3/L	12/4/2007
2741 Hartley Lane	Alpha, Total	1.1			pCi/L	5/2/2007
2741 Hartley Lane	Alpha-Counting Error	0.7			pCi/L	5/2/2007
2741 Hartley Lane	Aluminum	10	5	I	ug/L	5/2/2007
2741 Hartley Lane	Ammonia-N	0.14	0.01		mg N/L	5/2/2007
2741 Hartley Lane	Antimony	0.5	0.5	U	ug/L	12/4/2007
2741 Hartley Lane	Arsenic	7.8	0.5		ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2741 Hartley Lane	Arsenic	8.4	0.5		ug/L	12/4/2007
2741 Hartley Lane	Barium	15.6	0.3		ug/L	5/2/2007
2741 Hartley Lane	Bromide	0.25		U	mg/L	12/4/2007
2741 Hartley Lane	Cadmium	0.2	0.2	U	ug/L	5/2/2007
2741 Hartley Lane	Calcium	30.2	0.075		mg/L	12/4/2007
2741 Hartley Lane	Chloride	6.7	0.2		mg Cl/L	5/2/2007
2741 Hartley Lane	Chloride	7.1	0.2		mg Cl/L	12/4/2007
2741 Hartley Lane	Chromium	1	1	U	ug/L	5/2/2007
2741 Hartley Lane	Fluoride	0.59	0.05		mg F/L	12/4/2007
2741 Hartley Lane	Iron	10	5	I	ug/L	5/2/2007
2741 Hartley Lane	Iron	30	30	U	ug/L	12/4/2007
2741 Hartley Lane	Kjeldahl Nitrogen	0.16	0.08	I	mg N/L	12/4/2007
2741 Hartley Lane	Lead	0.34	0.2	I	ug/L	5/2/2007
2741 Hartley Lane	Magnesium	11.9	0.04		mg/L	12/4/2007
2741 Hartley Lane	Manganese	1.2	0.1		ug/L	5/2/2007
2741 Hartley Lane	Molybdenum	237	1.5		ug/L	5/2/2007
2741 Hartley Lane	Molybdenum	282	0.75		ug/L	12/4/2007
2741 Hartley Lane	NO2NO3-N	0.02	0.004		mg N/L	5/2/2007
2741 Hartley Lane	NO2NO3-N	0.022	0.004		mg N/L	12/4/2007
2741 Hartley Lane	Organic Carbon	1.2	1	I	mg C/L	5/2/2007
2741 Hartley Lane	Potassium	0.67	0.3	I	mg/L	12/4/2007
2741 Hartley Lane	Selenium	0.5	0.5	U	ug/L	5/2/2007
2741 Hartley Lane	Silica	27.9	0.25		mg/L	12/4/2007
2741 Hartley Lane	Sodium	8.2	0.75		mg/L	5/2/2007
2741 Hartley Lane	Sodium	8.2	0.5		mg/L	12/4/2007
2741 Hartley Lane	Strontium	140	80	I	ug/L	12/4/2007
2741 Hartley Lane	Sulfate	5.1	0.2		mg SO4/L	5/2/2007
2741 Hartley Lane	Sulfate	5.4	0.2		mg SO4/L	12/4/2007
2741 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
2741 Hartley Lane	Sulfide	0.055	0.05	I	mg S/L	12/4/2007
2741 Hartley Lane	Thallium	0.1	0.1	U	ug/L	5/2/2007
2741 Hartley Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
2741 Hartley Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
2741 Hartley Lane Dup	Alkalinity	119	0.65	A	mg CaCO3/L	5/2/2007
2741 Hartley Lane Dup	Alpha, Total	1.6		U	pCi/L	5/2/2007
2741 Hartley Lane Dup	Alpha-Counting Error	1			pCi/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2741 Hartley Lane Dup	Aluminum	11	5	I	ug/L	5/2/2007
2741 Hartley Lane Dup	Ammonia-N	0.13	0.01		mg N/L	5/2/2007
2741 Hartley Lane Dup	Arsenic	7.7	0.5		ug/L	5/2/2007
2741 Hartley Lane Dup	Barium	15	0.3		ug/L	5/2/2007
2741 Hartley Lane Dup	Cadmium	0.2	0.2	U	ug/L	5/2/2007
2741 Hartley Lane Dup	Chloride	6.8	0.2		mg Cl/L	5/2/2007
2741 Hartley Lane Dup	Chromium	1	1	U	ug/L	5/2/2007
2741 Hartley Lane Dup	Iron	9.1	5	I	ug/L	5/2/2007
2741 Hartley Lane Dup	Lead	0.33	0.2	I	ug/L	5/2/2007
2741 Hartley Lane Dup	Manganese	1.2	0.1		ug/L	5/2/2007
2741 Hartley Lane Dup	Molybdenum	259	1.5		ug/L	5/2/2007
2741 Hartley Lane Dup	NO2NO3-N	0.019	0.004		mg N/L	5/2/2007
2741 Hartley Lane Dup	Organic Carbon	1.2	1	I	mg C/L	5/2/2007
2741 Hartley Lane Dup	Selenium	0.5	0.5	U	ug/L	5/2/2007
2741 Hartley Lane Dup	Sodium	8.2	0.75		mg/L	5/2/2007
2741 Hartley Lane Dup	Sulfate	5.1	0.2		mg SO4/L	5/2/2007
2741 Hartley Lane Dup	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
2741 Hartley Lane Dup	Thallium	0.1	0.1	U	ug/L	5/2/2007
2741 Hartley Lane Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
2802 Pritcher Manor Ct	Alkalinity	93	0.65		mg CaCO3/L	5/1/2007
2802 Pritcher Manor Ct	Alkalinity	92	0.65		mg CaCO3/L	12/4/2007
2802 Pritcher Manor Ct	Alkalinity	96	0.65		mg CaCO3/L	4/21/2009
2802 Pritcher Manor Ct	Alpha, Total	1.7			pCi/L	5/1/2007
2802 Pritcher Manor Ct	Alpha-Counting Error	1			pCi/L	5/1/2007
2802 Pritcher Manor Ct	Aluminum	56	5		ug/L	5/1/2007
2802 Pritcher Manor Ct	Aluminum	67	60	I	ug/L	4/21/2009
2802 Pritcher Manor Ct	Ammonia-N	0.099	0.01	J	mg N/L	5/1/2007
2802 Pritcher Manor Ct	Antimony	0.89	0.5	I	ug/L	12/4/2007
2802 Pritcher Manor Ct	Antimony	0.42	0.25	I	ug/L	4/21/2009
2802 Pritcher Manor Ct	Arsenic	109	0.5		ug/L	5/1/2007
2802 Pritcher Manor Ct	Arsenic	124	0.5		ug/L	12/4/2007
2802 Pritcher Manor Ct	Arsenic	122	0.25		ug/L	4/21/2009
2802 Pritcher Manor Ct	Barium	14.1	0.3		ug/L	5/1/2007
2802 Pritcher Manor Ct	Bromide	0.25		U	mg/L	12/4/2007
2802 Pritcher Manor Ct	Cadmium	0.83	0.2		ug/L	5/1/2007
2802 Pritcher Manor Ct	Cadmium	1	1	U	ug/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2802 Pritcher Manor Ct	Calcium	29.1	0.075		mg/L	12/4/2007
2802 Pritcher Manor Ct	Calcium	28.5	0.075		mg/L	4/21/2009
2802 Pritcher Manor Ct	Chloride	5.9	0.2	A	mg Cl/L	5/1/2007
2802 Pritcher Manor Ct	Chloride	6.7	0.2		mg Cl/L	12/4/2007
2802 Pritcher Manor Ct	Chloride	8.5	0.2		mg Cl/L	4/21/2009
2802 Pritcher Manor Ct	Chromium	1	1	U	ug/L	5/1/2007
2802 Pritcher Manor Ct	Chromium	0.3	0.3	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	Copper	2.57	0.5		ug/L	4/21/2009
2802 Pritcher Manor Ct	Fluoride	0.53	0.05		mg F/L	12/4/2007
2802 Pritcher Manor Ct	Fluoride	0.52	0.05		mg F/L	4/21/2009
2802 Pritcher Manor Ct	Iron	5	5	I	ug/L	5/1/2007
2802 Pritcher Manor Ct	Iron	30	30	U	ug/L	12/4/2007
2802 Pritcher Manor Ct	Iron	30	30	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	Kjeldahl Nitrogen	0.14	0.08	I	mg N/L	12/4/2007
2802 Pritcher Manor Ct	Kjeldahl Nitrogen	0.23	0.08		mg N/L	4/21/2009
2802 Pritcher Manor Ct	Lead	0.2	0.2	U	ug/L	5/1/2007
2802 Pritcher Manor Ct	Lead	0.2	0.2	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	Magnesium	9.7	0.04		mg/L	12/4/2007
2802 Pritcher Manor Ct	Magnesium	9.88	0.04		mg/L	4/21/2009
2802 Pritcher Manor Ct	Manganese	0.68	0.1		ug/L	5/1/2007
2802 Pritcher Manor Ct	Manganese	0.77	0.75	I	ug/L	4/21/2009
2802 Pritcher Manor Ct	Molybdenum	1360	1.5		ug/L	5/1/2007
2802 Pritcher Manor Ct	Molybdenum	1370	1.5		ug/L	12/4/2007
2802 Pritcher Manor Ct	Molybdenum	1950	3		ug/L	4/21/2009
2802 Pritcher Manor Ct	Nickel	0.25	0.25	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	NO2NO3-N	0.007	0.004	I	mg N/L	5/1/2007
2802 Pritcher Manor Ct	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
2802 Pritcher Manor Ct	NO2NO3-N	0.004	0.004	U	mg N/L	4/21/2009
2802 Pritcher Manor Ct	Organic Carbon	5.9	1		mg C/L	5/1/2007
2802 Pritcher Manor Ct	Potassium	0.47	0.3	I	mg/L	12/4/2007
2802 Pritcher Manor Ct	Potassium	0.55	0.3	I	mg/L	4/21/2009
2802 Pritcher Manor Ct	Radium 226	0.7			pCi/L	5/1/2007
2802 Pritcher Manor Ct	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
2802 Pritcher Manor Ct	Radium 228	0.7		U	pCi/L	5/1/2007
2802 Pritcher Manor Ct	Radium 228-Counting Error	0.4			pCi/L	5/1/2007
2802 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2802 Pritcher Manor Ct	Selenium	0.2	0.2	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	Silica	20.2	0.25		mg/L	12/4/2007
2802 Pritcher Manor Ct	Silica	22.2	0.1	A	mg/L	4/21/2009
2802 Pritcher Manor Ct	Sodium	5.1	0.75		mg/L	5/1/2007
2802 Pritcher Manor Ct	Sodium	5.3	0.5		mg/L	12/4/2007
2802 Pritcher Manor Ct	Sodium	6.1	0.5		mg/L	4/21/2009
2802 Pritcher Manor Ct	Strontium	150	80	I	ug/L	12/4/2007
2802 Pritcher Manor Ct	Strontium	144	2		ug/L	4/21/2009
2802 Pritcher Manor Ct	Sulfate	14	0.2	A	mg SO4/L	5/1/2007
2802 Pritcher Manor Ct	Sulfate	15	0.2		mg SO4/L	12/4/2007
2802 Pritcher Manor Ct	Sulfate	17	0.2		mg SO4/L	4/21/2009
2802 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2802 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2802 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
2802 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/1/2007
2802 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2802 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
2802 Pritcher Manor Ct	Total-Phosphorus	0.009	0.004	I	mg P/L	4/21/2009
2802 Pritcher Manor Ct	Vanadium	2	2	U	ug/L	4/21/2009
2802 Pritcher Manor Ct	Zinc	12	5	I	ug/L	4/21/2009
2803 Pritcher Manor Ct	Alkalinity	124	0.65		mg CaCO3/L	5/2/2007
2803 Pritcher Manor Ct	Alkalinity	125	0.65		mg CaCO3/L	12/4/2007
2803 Pritcher Manor Ct	Antimony	0.5	0.5	U	ug/L	12/4/2007
2803 Pritcher Manor Ct	Arsenic	2	0.5	I	ug/L	12/4/2007
2803 Pritcher Manor Ct	Bromide	0.25		U	mg/L	12/4/2007
2803 Pritcher Manor Ct	Calcium	31.5	0.075		mg/L	12/4/2007
2803 Pritcher Manor Ct	Chloride	7.1	0.2		mg Cl/L	12/4/2007
2803 Pritcher Manor Ct	Fluoride	0.62	0.05		mg F/L	12/4/2007
2803 Pritcher Manor Ct	Iron	30	30	U	ug/L	12/4/2007
2803 Pritcher Manor Ct	Kjeldahl Nitrogen	0.17	0.16	I	mg N/L	12/4/2007
2803 Pritcher Manor Ct	Magnesium	12	0.04		mg/L	12/4/2007
2803 Pritcher Manor Ct	Manganese	0.62	0.1		ug/L	5/2/2007
2803 Pritcher Manor Ct	Molybdenum	172	0.1		ug/L	5/2/2007
2803 Pritcher Manor Ct	Molybdenum	164	0.15		ug/L	12/4/2007
2803 Pritcher Manor Ct	NO2NO3-N	0.025	0.004		mg N/L	5/2/2007
2803 Pritcher Manor Ct	NO2NO3-N	0.089	0.004		mg N/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2803 Pritcher Manor Ct	Organic Carbon	1.3	1	I	mg C/L	5/2/2007
2803 Pritcher Manor Ct	Potassium	0.73	0.3	I	mg/L	12/4/2007
2803 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/2/2007
2803 Pritcher Manor Ct	Silica	33.4	0.25		mg/L	12/4/2007
2803 Pritcher Manor Ct	Sodium	9.3	0.75		mg/L	5/2/2007
2803 Pritcher Manor Ct	Sodium	9.6	0.5		mg/L	12/4/2007
2803 Pritcher Manor Ct	Strontium	160	80	I	ug/L	12/4/2007
2803 Pritcher Manor Ct	Sulfate	4.6	0.2		mg SO4/L	5/2/2007
2803 Pritcher Manor Ct	Sulfate	4.7	0.2		mg SO4/L	12/4/2007
2803 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
2803 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2803 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/2/2007
2803 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
2803 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
2803 Pritcher Manor Ct Dup	Alkalinity	125	0.65		mg CaCO3/L	5/2/2007
2803 Pritcher Manor Ct Dup	Alpha, Total	2.1			pCi/L	5/2/2007
2803 Pritcher Manor Ct Dup	Alpha-Counting Error	1.4			pCi/L	5/2/2007
2803 Pritcher Manor Ct Dup	Aluminum	11	5	I	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Ammonia-N	0.17	0.01		mg N/L	5/2/2007
2803 Pritcher Manor Ct Dup	Arsenic	10.2	0.5		ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Barium	16.2	0.3		ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Cadmium	0.02	0.02	U	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Chloride	6.7	0.2		mg Cl/L	5/2/2007
2803 Pritcher Manor Ct Dup	Chromium	1	1	U	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Iron	15	5	I	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Lead	0.2	0.2	U	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Manganese	0.63	0.1		ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Molybdenum	169	0.1		ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	NO2NO3-N	0.026	0.004		mg N/L	5/2/2007
2803 Pritcher Manor Ct Dup	Organic Carbon	1.3	1	I	mg C/L	5/2/2007
2803 Pritcher Manor Ct Dup	Selenium	0.5	0.5	U	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Sodium	9.3	0.75		mg/L	5/2/2007
2803 Pritcher Manor Ct Dup	Sulfate	4.8	0.2		mg SO4/L	5/2/2007
2803 Pritcher Manor Ct Dup	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
2803 Pritcher Manor Ct Dup	Thallium	0.1	0.1	U	ug/L	5/2/2007
2803 Pritcher Manor Ct Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2807 Pritcher Manor Ct	Alkalinity	101	0.65		mg CaCO3/L	5/1/2007
2807 Pritcher Manor Ct	Alpha, Total	3.7			pCi/L	5/1/2007
2807 Pritcher Manor Ct	Alpha-Counting Error	1			pCi/L	5/1/2007
2807 Pritcher Manor Ct	Aluminum	59	20	I	ug/L	5/1/2007
2807 Pritcher Manor Ct	Ammonia-N	0.1	0.01		mg N/L	5/1/2007
2807 Pritcher Manor Ct	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2807 Pritcher Manor Ct	Barium	8.9	2		ug/L	5/1/2007
2807 Pritcher Manor Ct	Cadmium	0.16	0.02		ug/L	5/1/2007
2807 Pritcher Manor Ct	Chloride	4.9	0.2		mg Cl/L	5/1/2007
2807 Pritcher Manor Ct	Chromium	1	1	I	ug/L	5/1/2007
2807 Pritcher Manor Ct	Iron	51	10		ug/L	5/1/2007
2807 Pritcher Manor Ct	Lead	0.9	0.2		ug/L	5/1/2007
2807 Pritcher Manor Ct	Manganese	2.3	2	I	ug/L	5/1/2007
2807 Pritcher Manor Ct	Molybdenum	4.66	0.15		ug/L	5/1/2007
2807 Pritcher Manor Ct	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
2807 Pritcher Manor Ct	Organic Carbon	1.4	1	I	mg C/L	5/1/2007
2807 Pritcher Manor Ct	Radium 226	2.3			pCi/L	5/1/2007
2807 Pritcher Manor Ct	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
2807 Pritcher Manor Ct	Radium 228	0.9		U	pCi/L	5/1/2007
2807 Pritcher Manor Ct	Radium 228-Counting Error	0.6			pCi/L	5/1/2007
2807 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2807 Pritcher Manor Ct	Sodium	6.3	0.1		mg/L	5/1/2007
2807 Pritcher Manor Ct	Sulfate	3.4	0.2		mg SO4/L	5/1/2007
2807 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2807 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/1/2007
2807 Pritcher Manor Ct	Total-Phosphorus	0.15	0.02		mg P/L	5/1/2007
2810 Hartley Lane	Alkalinity	100	0.65		mg CaCO3/L	12/4/2007
2810 Hartley Lane	Antimony	0.5	0.5	U	ug/L	12/4/2007
2810 Hartley Lane	Arsenic	2.9	0.5		ug/L	12/4/2007
2810 Hartley Lane	Bromide	0.25		U	mg/L	12/4/2007
2810 Hartley Lane	Calcium	28.5	0.075		mg/L	12/4/2007
2810 Hartley Lane	Chloride	11	0.2		mg Cl/L	12/4/2007
2810 Hartley Lane	Fluoride	0.27	0.05		mg F/L	12/4/2007
2810 Hartley Lane	Iron	60	30	I	ug/L	12/4/2007
2810 Hartley Lane	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2810 Hartley Lane	Magnesium	13.3	0.04		mg/L	12/4/2007
2810 Hartley Lane	Molybdenum	149	0.15		ug/L	12/4/2007
2810 Hartley Lane	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
2810 Hartley Lane	Potassium	0.39	0.3	I	mg/L	12/4/2007
2810 Hartley Lane	Silica	11.5	0.25		mg/L	12/4/2007
2810 Hartley Lane	Sodium	4.1	0.5		mg/L	12/4/2007
2810 Hartley Lane	Strontium	80	80	U	ug/L	12/4/2007
2810 Hartley Lane	Sulfate	9.5	0.2		mg SO4/L	12/4/2007
2810 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2810 Hartley Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
2815 Hartley Lane	Alkalinity	122	0.65		mg CaCO3/L	5/1/2007
2815 Hartley Lane	Alkalinity	126	0.65		mg CaCO3/L	12/3/2007
2815 Hartley Lane	Alkalinity	125	0.65		mg CaCO3/L	4/21/2009
2815 Hartley Lane	Alpha, Total	2.9			pCi/L	5/1/2007
2815 Hartley Lane	Alpha-Counting Error	1.5			pCi/L	5/1/2007
2815 Hartley Lane	Aluminum	9.9	5	I	ug/L	5/1/2007
2815 Hartley Lane	Aluminum	60	60	U	ug/L	4/21/2009
2815 Hartley Lane	Ammonia-N	0.026	0.01		mg N/L	5/1/2007
2815 Hartley Lane	Antimony	0.5	0.5	U	ug/L	12/3/2007
2815 Hartley Lane	Antimony	0.36	0.25	I	ug/L	4/21/2009
2815 Hartley Lane	Arsenic	43.7	0.5		ug/L	5/1/2007
2815 Hartley Lane	Arsenic	35.2	0.5	A	ug/L	12/3/2007
2815 Hartley Lane	Arsenic	31.5	0.25		ug/L	4/21/2009
2815 Hartley Lane	Barium	12	0.3		ug/L	5/1/2007
2815 Hartley Lane	Bromide	0.25		U	mg/L	12/3/2007
2815 Hartley Lane	Cadmium	0.2	0.2	U	ug/L	5/1/2007
2815 Hartley Lane	Cadmium	1	1	U	ug/L	4/21/2009
2815 Hartley Lane	Calcium	43.4	0.075	A	mg/L	12/3/2007
2815 Hartley Lane	Calcium	40.1	0.075		mg/L	4/21/2009
2815 Hartley Lane	Chloride	27	0.2		mg Cl/L	5/1/2007
2815 Hartley Lane	Chloride	33	0.2		mg Cl/L	12/3/2007
2815 Hartley Lane	Chloride	35	0.2		mg Cl/L	4/21/2009
2815 Hartley Lane	Chromium	1	1	U	ug/L	5/1/2007
2815 Hartley Lane	Chromium	0.3	0.3	U	ug/L	4/21/2009
2815 Hartley Lane	Copper	7.74	0.5		ug/L	4/21/2009
2815 Hartley Lane	Fluoride	0.45	0.05		mg F/L	12/3/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2815 Hartley Lane	Fluoride	0.42	0.05		mg F/L	4/21/2009
2815 Hartley Lane	Iron	11	5	I	ug/L	5/1/2007
2815 Hartley Lane	Iron	30	30	U	ug/L	12/3/2007
2815 Hartley Lane	Iron	30	30	U	ug/L	4/21/2009
2815 Hartley Lane	Kjeldahl Nitrogen	0.096	0.08	I	mg N/L	12/3/2007
2815 Hartley Lane	Kjeldahl Nitrogen	0.13	0.08	I	mg N/L	4/21/2009
2815 Hartley Lane	Lead	0.35	0.2	I	ug/L	5/1/2007
2815 Hartley Lane	Lead	1.77	0.2		ug/L	4/21/2009
2815 Hartley Lane	Magnesium	16.3	0.04	A	mg/L	12/3/2007
2815 Hartley Lane	Magnesium	15.2	0.04		mg/L	4/21/2009
2815 Hartley Lane	Manganese	2.4	0.1		ug/L	5/1/2007
2815 Hartley Lane	Manganese	2.3	0.75	I	ug/L	4/21/2009
2815 Hartley Lane	Molybdenum	300	1		ug/L	5/1/2007
2815 Hartley Lane	Molybdenum	198	0.75	A	ug/L	12/3/2007
2815 Hartley Lane	Molybdenum	229	0.75		ug/L	4/21/2009
2815 Hartley Lane	Nickel	0.72	0.25	I	ug/L	4/21/2009
2815 Hartley Lane	NO2NO3-N	0.24	0.004		mg N/L	5/1/2007
2815 Hartley Lane	NO2NO3-N	0.31	0.004		mg N/L	12/3/2007
2815 Hartley Lane	NO2NO3-N	0.34	0.004		mg N/L	4/21/2009
2815 Hartley Lane	Organic Carbon	4.6	1	I	mg C/L	5/1/2007
2815 Hartley Lane	Potassium	0.76	0.3	I	mg/L	12/3/2007
2815 Hartley Lane	Potassium	0.85	0.3	I	mg/L	4/21/2009
2815 Hartley Lane	Selenium	0.5	0.5	U	ug/L	5/1/2007
2815 Hartley Lane	Selenium	0.2	0.2	U	ug/L	4/21/2009
2815 Hartley Lane	Silica	25.4	0.25		mg/L	12/3/2007
2815 Hartley Lane	Silica	25.7	0.1		mg/L	4/21/2009
2815 Hartley Lane	Sodium	8.5	0.75		mg/L	5/1/2007
2815 Hartley Lane	Sodium	9.8	0.5	A	mg/L	12/3/2007
2815 Hartley Lane	Sodium	9.9	0.5		mg/L	4/21/2009
2815 Hartley Lane	Strontium	130	80	I	ug/L	12/3/2007
2815 Hartley Lane	Strontium	137	2		ug/L	4/21/2009
2815 Hartley Lane	Sulfate	11	0.2		mg SO4/L	5/1/2007
2815 Hartley Lane	Sulfate	13	0.2		mg SO4/L	12/3/2007
2815 Hartley Lane	Sulfate	13	0.2		mg SO4/L	4/21/2009
2815 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2815 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	12/3/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2815 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
2815 Hartley Lane	Thallium	0.1	0.1	U	ug/L	5/1/2007
2815 Hartley Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2815 Hartley Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	12/3/2007
2815 Hartley Lane	Total-Phosphorus	0.017	0.004	A	mg P/L	4/21/2009
2815 Hartley Lane	Vanadium	2	2	U	ug/L	4/21/2009
2815 Hartley Lane	Zinc	22	5		ug/L	4/21/2009
2821 Hartley Lane	Alkalinity	107	0.65		mg CaCO3/L	4/30/2007
2821 Hartley Lane	Alkalinity	109	0.65		mg CaCO3/L	12/4/2007
2821 Hartley Lane	Alpha, Total	3.4			pCi/L	4/30/2007
2821 Hartley Lane	Alpha-Counting Error	1.1			pCi/L	4/30/2007
2821 Hartley Lane	Aluminum	6.3	5	I	ug/L	4/30/2007
2821 Hartley Lane	Ammonia-N	0.038	0.01		mg N/L	4/30/2007
2821 Hartley Lane	Antimony	0.5	0.5	U	ug/L	12/4/2007
2821 Hartley Lane	Arsenic	10.7	0.5		ug/L	4/30/2007
2821 Hartley Lane	Arsenic	10.9	0.5		ug/L	12/4/2007
2821 Hartley Lane	Barium	8.69	0.3		ug/L	4/30/2007
2821 Hartley Lane	Bromide	0.25		U	mg/L	12/4/2007
2821 Hartley Lane	Cadmium	0.15	0.02		ug/L	4/30/2007
2821 Hartley Lane	Calcium	30.5	0.075		mg/L	12/4/2007
2821 Hartley Lane	Chloride	11	0.2		mg Cl/L	4/30/2007
2821 Hartley Lane	Chloride	11	0.2		mg Cl/L	12/4/2007
2821 Hartley Lane	Chromium	1	1	U	ug/L	4/30/2007
2821 Hartley Lane	Fluoride	0.59	0.05		mg F/L	12/4/2007
2821 Hartley Lane	Iron	5	5	U	ug/L	4/30/2007
2821 Hartley Lane	Iron	30	30	U	ug/L	12/4/2007
2821 Hartley Lane	Kjeldahl Nitrogen	0.16	0.08	I	mg N/L	12/4/2007
2821 Hartley Lane	Lead	0.29	0.2	I	ug/L	4/30/2007
2821 Hartley Lane	Magnesium	11	0.04		mg/L	12/4/2007
2821 Hartley Lane	Manganese	0.91	0.1		ug/L	4/30/2007
2821 Hartley Lane	Molybdenum	182	0.15		ug/L	4/30/2007
2821 Hartley Lane	Molybdenum	199	0.15		ug/L	12/4/2007
2821 Hartley Lane	NO2NO3-N	0.3	0.004		mg N/L	4/30/2007
2821 Hartley Lane	NO2NO3-N	0.038	0.004		mg N/L	12/4/2007
2821 Hartley Lane	Organic Carbon	1	1	U	mg C/L	4/30/2007
2821 Hartley Lane	Potassium	0.71	0.3	I	mg/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2821 Hartley Lane	Radium 226	0.7			pCi/L	4/30/2007
2821 Hartley Lane	Radium 226-Counting Error	0.2			pCi/L	4/30/2007
2821 Hartley Lane	Radium 228	0.9		U	pCi/L	4/30/2007
2821 Hartley Lane	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
2821 Hartley Lane	Selenium	0.5	0.5	U	ug/L	4/30/2007
2821 Hartley Lane	Silica	27.9	0.25		mg/L	12/4/2007
2821 Hartley Lane	Sodium	7.7	0.75		mg/L	4/30/2007
2821 Hartley Lane	Sodium	9.1	0.5		mg/L	12/4/2007
2821 Hartley Lane	Strontium	95	80	I	ug/L	12/4/2007
2821 Hartley Lane	Sulfate	6.7	0.2		mg SO4/L	4/30/2007
2821 Hartley Lane	Sulfate	5.9	0.2		mg SO4/L	12/4/2007
2821 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
2821 Hartley Lane	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2821 Hartley Lane	Thallium	0.1	0.1	U	ug/L	4/30/2007
2821 Hartley Lane	Total-Phosphorus	0.11	0.02		mg P/L	4/30/2007
2821 Hartley Lane	Total-Phosphorus	0.085	0.02		mg P/L	12/4/2007
2821 Hartley Lane Dup	Alkalinity	109	0.65		mg CaCO3/L	12/4/2007
2821 Hartley Lane Dup	Antimony	0.5	0.5	U	ug/L	12/4/2007
2821 Hartley Lane Dup	Arsenic	10.8	0.5		ug/L	12/4/2007
2821 Hartley Lane Dup	Bromide	0.25		U	mg/L	12/4/2007
2821 Hartley Lane Dup	Calcium	30.5	0.075		mg/L	12/4/2007
2821 Hartley Lane Dup	Chloride	11	0.2		mg Cl/L	12/4/2007
2821 Hartley Lane Dup	Fluoride	0.59	0.05		mg F/L	12/4/2007
2821 Hartley Lane Dup	Iron	30	30	U	ug/L	12/4/2007
2821 Hartley Lane Dup	Kjeldahl Nitrogen	0.15	0.08	I	mg N/L	12/4/2007
2821 Hartley Lane Dup	Magnesium	11	0.04		mg/L	12/4/2007
2821 Hartley Lane Dup	Molybdenum	196	0.15		ug/L	12/4/2007
2821 Hartley Lane Dup	NO2NO3-N	0.041	0.004		mg N/L	12/4/2007
2821 Hartley Lane Dup	Potassium	0.71	0.3	I	mg/L	12/4/2007
2821 Hartley Lane Dup	Silica	28	0.25		mg/L	12/4/2007
2821 Hartley Lane Dup	Sodium	9	0.5		mg/L	12/4/2007
2821 Hartley Lane Dup	Strontium	84	80	I	ug/L	12/4/2007
2821 Hartley Lane Dup	Sulfate	6	0.2		mg SO4/L	12/4/2007
2821 Hartley Lane Dup	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2821 Hartley Lane Dup	Total-Phosphorus	0.078	0.02		mg P/L	12/4/2007
2830 Keysville Drive	Alkalinity	182	0.65		mg CaCO3/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2830 Keysville Drive	Alpha, Total	1.1		U	pCi/L	5/1/2007
2830 Keysville Drive	Alpha-Counting Error	0.8			pCi/L	5/1/2007
2830 Keysville Drive	Aluminum	234	5		ug/L	5/1/2007
2830 Keysville Drive	Ammonia-N	0.22	0.01		mg N/L	5/1/2007
2830 Keysville Drive	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2830 Keysville Drive	Barium	14.8	0.3		ug/L	5/1/2007
2830 Keysville Drive	Cadmium	0.064	0.05	I	ug/L	5/1/2007
2830 Keysville Drive	Chloride	15	0.4		mg Cl/L	5/1/2007
2830 Keysville Drive	Chromium	2.1	1	I	ug/L	5/1/2007
2830 Keysville Drive	Iron	177	5		ug/L	5/1/2007
2830 Keysville Drive	Lead	0.25	0.2	I	ug/L	5/1/2007
2830 Keysville Drive	Manganese	0.76	0.1		ug/L	5/1/2007
2830 Keysville Drive	Molybdenum	1.5	0.1		ug/L	5/1/2007
2830 Keysville Drive	NO2NO3-N	0.008	0.004	I	mg N/L	5/1/2007
2830 Keysville Drive	Organic Carbon	1.8	1	I	mg C/L	5/1/2007
2830 Keysville Drive	Selenium	0.5	0.5	U	ug/L	5/1/2007
2830 Keysville Drive	Sodium	9.4	0.75		mg/L	5/1/2007
2830 Keysville Drive	Sulfate	7.6	0.4		mg SO4/L	5/1/2007
2830 Keysville Drive	Sulfide	0.35	0.05		mg S/L	5/1/2007
2830 Keysville Drive	Thallium	0.1	0.1	U	ug/L	5/1/2007
2830 Keysville Drive	Total-Phosphorus	0.077	0.02		mg P/L	5/1/2007
2847 Nichols Road	Alkalinity	110	0.65		mg CaCO3/L	4/30/2007
2847 Nichols Road	Alpha, Total	1.4		U	pCi/L	4/30/2007
2847 Nichols Road	Alpha-Counting Error	1			pCi/L	4/30/2007
2847 Nichols Road	Aluminum	5	5	U	ug/L	4/30/2007
2847 Nichols Road	Ammonia-N	0.024	0.01		mg N/L	4/30/2007
2847 Nichols Road	Arsenic	1.1	0.5	I	ug/L	4/30/2007
2847 Nichols Road	Barium	2.19	0.3		ug/L	4/30/2007
2847 Nichols Road	Cadmium	0.02	0.02	U	ug/L	4/30/2007
2847 Nichols Road	Chloride	35	0.2		mg Cl/L	4/30/2007
2847 Nichols Road	Chromium	1	1	U	ug/L	4/30/2007
2847 Nichols Road	Iron	1100	5		ug/L	4/30/2007
2847 Nichols Road	Lead	0.2	0.2	U	ug/L	4/30/2007
2847 Nichols Road	Manganese	43.5	0.1		ug/L	4/30/2007
2847 Nichols Road	Molybdenum	1.6	0.1		ug/L	4/30/2007
2847 Nichols Road	NO2NO3-N	0.012	0.004		mg N/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2847 Nichols Road	Organic Carbon	230	5		mg C/L	4/30/2007
2847 Nichols Road	Radium 226	1.4			pCi/L	4/30/2007
2847 Nichols Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
2847 Nichols Road	Radium 228	0.8		U	pCi/L	4/30/2007
2847 Nichols Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
2847 Nichols Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
2847 Nichols Road	Sodium	7.3	0.75		mg/L	4/30/2007
2847 Nichols Road	Sulfate	6.7	0.2		mg SO4/L	4/30/2007
2847 Nichols Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
2847 Nichols Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
2847 Nichols Road	Total-Phosphorus	0.054	0.02	I	mg P/L	4/30/2007
2902 Pritcher Manor Ct	Alkalinity	155	0.65		mg CaCO3/L	5/1/2007
2902 Pritcher Manor Ct	Alpha, Total	2.7			pCi/L	5/1/2007
2902 Pritcher Manor Ct	Alpha-Counting Error	1.3			pCi/L	5/1/2007
2902 Pritcher Manor Ct	Aluminum	23	20	I	ug/L	5/1/2007
2902 Pritcher Manor Ct	Ammonia-N	0.3	0.01		mg N/L	5/1/2007
2902 Pritcher Manor Ct	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2902 Pritcher Manor Ct	Barium	17	2		ug/L	5/1/2007
2902 Pritcher Manor Ct	Cadmium	0.02	0.02	U	ug/L	5/1/2007
2902 Pritcher Manor Ct	Chloride	11	0.2		mg Cl/L	5/1/2007
2902 Pritcher Manor Ct	Chromium	1	1	U	ug/L	5/1/2007
2902 Pritcher Manor Ct	Iron	17	10	I	ug/L	5/1/2007
2902 Pritcher Manor Ct	Lead	0.43	0.2	I	ug/L	5/1/2007
2902 Pritcher Manor Ct	Manganese	2	2	U	ug/L	5/1/2007
2902 Pritcher Manor Ct	Molybdenum	0.22	0.15	I	ug/L	5/1/2007
2902 Pritcher Manor Ct	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
2902 Pritcher Manor Ct	Organic Carbon	1.5	1	I	mg C/L	5/1/2007
2902 Pritcher Manor Ct	Radium 226	0.6			pCi/L	5/1/2007
2902 Pritcher Manor Ct	Radium 226-Counting Error	0.1			pCi/L	5/1/2007
2902 Pritcher Manor Ct	Radium 228	0.9		U	pCi/L	5/1/2007
2902 Pritcher Manor Ct	Radium 228-Counting Error	0.6			pCi/L	5/1/2007
2902 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2902 Pritcher Manor Ct	Sodium	9.5	0.1		mg/L	5/1/2007
2902 Pritcher Manor Ct	Sulfate	7.6	0.2		mg SO4/L	5/1/2007
2902 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2902 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2902 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
2903 Pritcher Manor Ct	Alkalinity	58	0.65		mg CaCO3/L	5/1/2007
2903 Pritcher Manor Ct	Alpha, Total	1.1		U	pCi/L	5/1/2007
2903 Pritcher Manor Ct	Alpha-Counting Error	0.6			pCi/L	5/1/2007
2903 Pritcher Manor Ct	Aluminum	20	20	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Ammonia-N	0.01	0.01	U	mg N/L	5/1/2007
2903 Pritcher Manor Ct	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Barium	2	2	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Cadmium	0.043	0.02	I	ug/L	5/1/2007
2903 Pritcher Manor Ct	Chloride	21	0.2		mg Cl/L	5/1/2007
2903 Pritcher Manor Ct	Chromium	1	1	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Iron	15	10	I	ug/L	5/1/2007
2903 Pritcher Manor Ct	Lead	0.2	0.2	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Manganese	2	2	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Molybdenum	0.73	0.15		ug/L	5/1/2007
2903 Pritcher Manor Ct	NO2NO3-N	4.6	0.04		mg N/L	5/1/2007
2903 Pritcher Manor Ct	Organic Carbon	1	1	U	mg C/L	5/1/2007
2903 Pritcher Manor Ct	Radium 226	0.1			pCi/L	5/1/2007
2903 Pritcher Manor Ct	Radium 226-Counting Error	0.1			pCi/L	5/1/2007
2903 Pritcher Manor Ct	Radium 228	0.8		U	pCi/L	5/1/2007
2903 Pritcher Manor Ct	Radium 228-Counting Error	0.5			pCi/L	5/1/2007
2903 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Sodium	6.6	0.1		mg/L	5/1/2007
2903 Pritcher Manor Ct	Sulfate	1.4	0.2		mg SO4/L	5/1/2007
2903 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2903 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/1/2007
2903 Pritcher Manor Ct	Total-Phosphorus	0.75	0.02		mg P/L	5/1/2007
2905 Pritcher Manor Ct	Alkalinity	99	0.65		mg CaCO3/L	5/1/2007
2905 Pritcher Manor Ct	Alkalinity	103	0.65		mg CaCO3/L	12/4/2007
2905 Pritcher Manor Ct	Alpha, Total	1.3			pCi/L	5/1/2007
2905 Pritcher Manor Ct	Alpha-Counting Error	1			pCi/L	5/1/2007
2905 Pritcher Manor Ct	Aluminum	55	5		ug/L	5/1/2007
2905 Pritcher Manor Ct	Ammonia-N	0.012	0.01	I	mg N/L	5/1/2007
2905 Pritcher Manor Ct	Antimony	0.5	0.5	U	ug/L	12/4/2007
2905 Pritcher Manor Ct	Arsenic	2.1	0.5		ug/L	5/1/2007
2905 Pritcher Manor Ct	Arsenic	3.4	0.5		ug/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2905 Pritcher Manor Ct	Barium	6.42	0.3		ug/L	5/1/2007
2905 Pritcher Manor Ct	Bromide	0.25		U	mg/L	12/4/2007
2905 Pritcher Manor Ct	Cadmium	0.11	0.02		ug/L	5/1/2007
2905 Pritcher Manor Ct	Calcium	44.8	0.075		mg/L	12/4/2007
2905 Pritcher Manor Ct	Chloride	11	0.2		mg Cl/L	5/1/2007
2905 Pritcher Manor Ct	Chloride	11	0.2		mg Cl/L	12/4/2007
2905 Pritcher Manor Ct	Chromium	3.1	1	I	ug/L	5/1/2007
2905 Pritcher Manor Ct	Fluoride	0.45	0.05		mg F/L	12/4/2007
2905 Pritcher Manor Ct	Iron	1510	5		ug/L	5/1/2007
2905 Pritcher Manor Ct	Iron	2470	30		ug/L	12/4/2007
2905 Pritcher Manor Ct	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/4/2007
2905 Pritcher Manor Ct	Lead	2.76	0.2		ug/L	5/1/2007
2905 Pritcher Manor Ct	Magnesium	13.1	0.04		mg/L	12/4/2007
2905 Pritcher Manor Ct	Manganese	52.3	0.1		ug/L	5/1/2007
2905 Pritcher Manor Ct	Molybdenum	78.3	0.1		ug/L	5/1/2007
2905 Pritcher Manor Ct	Molybdenum	93.6	0.15		ug/L	12/4/2007
2905 Pritcher Manor Ct	NO2NO3-N	0.19	0.004		mg N/L	5/1/2007
2905 Pritcher Manor Ct	NO2NO3-N	0.23	0.004		mg N/L	12/4/2007
2905 Pritcher Manor Ct	Organic Carbon	6	1		mg C/L	5/1/2007
2905 Pritcher Manor Ct	Potassium	0.56	0.3	I	mg/L	12/4/2007
2905 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2905 Pritcher Manor Ct	Silica	13.9	0.25		mg/L	12/4/2007
2905 Pritcher Manor Ct	Sodium	4.2	0.75		mg/L	5/1/2007
2905 Pritcher Manor Ct	Sodium	4.3	0.5		mg/L	12/4/2007
2905 Pritcher Manor Ct	Strontium	80	80	U	ug/L	12/4/2007
2905 Pritcher Manor Ct	Sulfate	4.4	0.2		mg SO4/L	5/1/2007
2905 Pritcher Manor Ct	Sulfate	4.9	0.2		mg SO4/L	12/4/2007
2905 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2905 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2905 Pritcher Manor Ct	Thallium	0.19	0.1	I	ug/L	5/1/2007
2905 Pritcher Manor Ct	Total-Phosphorus	0.039	0.02	I	mg P/L	5/1/2007
2905 Pritcher Manor Ct	Total-Phosphorus	0.041	0.02	I	mg P/L	12/4/2007
2907 Pritcher Manor Ct	Alkalinity	97	0.65		mg CaCO3/L	5/1/2007
2907 Pritcher Manor Ct	Alkalinity	96	0.65		mg CaCO3/L	12/4/2007
2907 Pritcher Manor Ct	Alpha, Total	2.2			pCi/L	5/1/2007
2907 Pritcher Manor Ct	Alpha-Counting Error	1			pCi/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2907 Pritcher Manor Ct	Aluminum	5	5	U	ug/L	5/1/2007
2907 Pritcher Manor Ct	Ammonia-N	0.01	0.01	U	mg N/L	5/1/2007
2907 Pritcher Manor Ct	Antimony	0.5	0.5	U	ug/L	12/4/2007
2907 Pritcher Manor Ct	Arsenic	10.5	0.5	A	ug/L	5/1/2007
2907 Pritcher Manor Ct	Arsenic	13.4	0.5		ug/L	12/4/2007
2907 Pritcher Manor Ct	Barium	4.33	0.3	A	ug/L	5/1/2007
2907 Pritcher Manor Ct	Bromide	0.25		U	mg/L	12/4/2007
2907 Pritcher Manor Ct	Cadmium	0.044	0.02	I	ug/L	5/1/2007
2907 Pritcher Manor Ct	Calcium	28.1	0.075		mg/L	12/4/2007
2907 Pritcher Manor Ct	Chloride	9.9	0.2		mg Cl/L	5/1/2007
2907 Pritcher Manor Ct	Chloride	10	0.2		mg Cl/L	12/4/2007
2907 Pritcher Manor Ct	Chromium	1	1	U	ug/L	5/1/2007
2907 Pritcher Manor Ct	Fluoride	0.37	0.05		mg F/L	12/4/2007
2907 Pritcher Manor Ct	Iron	50	5	A	ug/L	5/1/2007
2907 Pritcher Manor Ct	Iron	150	30		ug/L	12/4/2007
2907 Pritcher Manor Ct	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/4/2007
2907 Pritcher Manor Ct	Lead	0.2	0.2	U	ug/L	5/1/2007
2907 Pritcher Manor Ct	Magnesium	12.9	0.04		mg/L	12/4/2007
2907 Pritcher Manor Ct	Manganese	7.6	0.1	A	ug/L	5/1/2007
2907 Pritcher Manor Ct	Molybdenum	78.4	0.1	A	ug/L	5/1/2007
2907 Pritcher Manor Ct	Molybdenum	86.4	0.15		ug/L	12/4/2007
2907 Pritcher Manor Ct	NO2NO3-N	0.015	0.004		mg N/L	5/1/2007
2907 Pritcher Manor Ct	NO2NO3-N	0.009	0.004	I	mg N/L	12/4/2007
2907 Pritcher Manor Ct	Organic Carbon	6.1	1		mg C/L	5/1/2007
2907 Pritcher Manor Ct	Potassium	0.54	0.3	I	mg/L	12/4/2007
2907 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2907 Pritcher Manor Ct	Silica	12.2	0.25		mg/L	12/4/2007
2907 Pritcher Manor Ct	Sodium	3.1	0.75	A	mg/L	5/1/2007
2907 Pritcher Manor Ct	Sodium	3.2	0.5		mg/L	12/4/2007
2907 Pritcher Manor Ct	Strontium	80	80	U	ug/L	12/4/2007
2907 Pritcher Manor Ct	Sulfate	10	0.2		mg SO4/L	5/1/2007
2907 Pritcher Manor Ct	Sulfate	11	0.2		mg SO4/L	12/4/2007
2907 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
2907 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
2907 Pritcher Manor Ct	Thallium	0.1	0.1	U	ug/L	5/1/2007
2907 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2907 Pritcher Manor Ct	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
2908 Pritcher Manor Ct	Alkalinity	64	0.65		mg CaCO3/L	5/1/2007
2908 Pritcher Manor Ct	Alkalinity	66	0.65		mg CaCO3/L	12/3/2007
2908 Pritcher Manor Ct	Alpha, Total	1.1		U	pCi/L	5/1/2007
2908 Pritcher Manor Ct	Alpha-Counting Error	0.8			pCi/L	5/1/2007
2908 Pritcher Manor Ct	Aluminum	23	20	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Ammonia-N	0.02	0.01	J	mg N/L	5/1/2007
2908 Pritcher Manor Ct	Antimony	0.5	0.5	U	ug/L	12/3/2007
2908 Pritcher Manor Ct	Arsenic	13.7	0.5		ug/L	5/1/2007
2908 Pritcher Manor Ct	Arsenic	19.3	0.5		ug/L	12/3/2007
2908 Pritcher Manor Ct	Barium	3.7	2	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Bromide	0.25		U	mg/L	12/3/2007
2908 Pritcher Manor Ct	Cadmium	0.03	0.02	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Calcium	19.9	0.075		mg/L	12/3/2007
2908 Pritcher Manor Ct	Chloride	4.5	0.2	A	mg Cl/L	5/1/2007
2908 Pritcher Manor Ct	Chloride	5.6	0.2		mg Cl/L	12/3/2007
2908 Pritcher Manor Ct	Chromium	1	1	U	ug/L	5/1/2007
2908 Pritcher Manor Ct	Fluoride	0.4	0.05		mg F/L	12/3/2007
2908 Pritcher Manor Ct	Iron	18	10	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Iron	30	30	U	ug/L	12/3/2007
2908 Pritcher Manor Ct	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/3/2007
2908 Pritcher Manor Ct	Lead	0.47	0.2	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Magnesium	8.8	0.04		mg/L	12/3/2007
2908 Pritcher Manor Ct	Manganese	2	2	U	ug/L	5/1/2007
2908 Pritcher Manor Ct	Molybdenum	154	0.15		ug/L	5/1/2007
2908 Pritcher Manor Ct	Molybdenum	221	0.75		ug/L	12/3/2007
2908 Pritcher Manor Ct	NO2NO3-N	1.9	0.04		mg N/L	5/1/2007
2908 Pritcher Manor Ct	NO2NO3-N	2.2	0.04		mg N/L	12/3/2007
2908 Pritcher Manor Ct	Organic Carbon	1	1	U	mg C/L	5/1/2007
2908 Pritcher Manor Ct	Potassium	0.5	0.3	I	mg/L	12/3/2007
2908 Pritcher Manor Ct	Selenium	0.5	0.5	U	ug/L	5/1/2007
2908 Pritcher Manor Ct	Silica	15.3	0.25		mg/L	12/3/2007
2908 Pritcher Manor Ct	Sodium	3.8	0.1		mg/L	5/1/2007
2908 Pritcher Manor Ct	Sodium	4.5	0.5		mg/L	12/3/2007
2908 Pritcher Manor Ct	Strontium	80	80	U	ug/L	12/3/2007
2908 Pritcher Manor Ct	Sulfate	6.7	0.2	A	mg SO4/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
2908 Pritcher Manor Ct	Sulfate	7.3	0.2		mg SO4/L	12/3/2007
2908 Pritcher Manor Ct	Sulfide	0.26	0.05		mg S/L	5/1/2007
2908 Pritcher Manor Ct	Sulfide	0.05	0.05	U	mg S/L	12/3/2007
2908 Pritcher Manor Ct	Thallium	0.16	0.1	I	ug/L	5/1/2007
2908 Pritcher Manor Ct	Total-Phosphorus	0.11	0.02		mg P/L	5/1/2007
2908 Pritcher Manor Ct	Total-Phosphorus	0.12	0.02		mg P/L	12/3/2007
2926 Keysville Drive	Alkalinity	206	0.65		mg CaCO3/L	5/1/2007
2926 Keysville Drive	Alpha, Total	1.2			pCi/L	5/1/2007
2926 Keysville Drive	Alpha-Counting Error	0.7			pCi/L	5/1/2007
2926 Keysville Drive	Aluminum	149	5	A	ug/L	5/1/2007
2926 Keysville Drive	Ammonia-N	0.21	0.01		mg N/L	5/1/2007
2926 Keysville Drive	Arsenic	0.5	0.5	U	ug/L	5/1/2007
2926 Keysville Drive	Barium	14.3	0.3	A	ug/L	5/1/2007
2926 Keysville Drive	Cadmium	0.05	0.05	U	ug/L	5/1/2007
2926 Keysville Drive	Chloride	18	1		mg Cl/L	5/1/2007
2926 Keysville Drive	Chromium	1.3	1	I	ug/L	5/1/2007
2926 Keysville Drive	Iron	161	5	A	ug/L	5/1/2007
2926 Keysville Drive	Lead	1.25	0.2	A	ug/L	5/1/2007
2926 Keysville Drive	Manganese	0.73	0.1	A	ug/L	5/1/2007
2926 Keysville Drive	Molybdenum	12.1	0.1	A	ug/L	5/1/2007
2926 Keysville Drive	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
2926 Keysville Drive	Organic Carbon	17	1		mg C/L	5/1/2007
2926 Keysville Drive	Selenium	0.5	0.5	U	ug/L	5/1/2007
2926 Keysville Drive	Sodium	8.4	0.75	A	mg/L	5/1/2007
2926 Keysville Drive	Sulfate	12	1		mg SO4/L	5/1/2007
2926 Keysville Drive	Sulfide	0.1	0.05		mg S/L	5/1/2007
2926 Keysville Drive	Thallium	0.1	0.1	U	ug/L	5/1/2007
2926 Keysville Drive	Total-Phosphorus	0.044	0.02	I	mg P/L	5/1/2007
3010 Toole Road	Alkalinity	100	0.65		mg CaCO3/L	5/2/2007
3010 Toole Road	Alkalinity	108	0.65		mg CaCO3/L	12/4/2007
3010 Toole Road	Alkalinity	103	0.65		mg CaCO3/L	4/21/2009
3010 Toole Road	Alpha, Total	3			pCi/L	5/2/2007
3010 Toole Road	Alpha-Counting Error	1			pCi/L	5/2/2007
3010 Toole Road	Aluminum	5	5	U	ug/L	5/2/2007
3010 Toole Road	Aluminum	60	60	U	ug/L	4/21/2009
3010 Toole Road	Aluminum	60	60	U	ug/L	8/20/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3010 Toole Road	Ammonia-N	0.094	0.01		mg N/L	5/2/2007
3010 Toole Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
3010 Toole Road	Antimony	0.25	0.25	U	ug/L	4/21/2009
3010 Toole Road	Antimony	0.25	0.25	U	ug/L	8/20/2009
3010 Toole Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
3010 Toole Road	Arsenic	3	0.5		ug/L	12/4/2007
3010 Toole Road	Arsenic	3.35	0.25		ug/L	4/21/2009
3010 Toole Road	Arsenic	0.25	0.25	U	ug/L	8/20/2009
3010 Toole Road	Barium	11.9	0.3		ug/L	5/2/2007
3010 Toole Road	Bromide	0.25		U	mg/L	12/4/2007
3010 Toole Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
3010 Toole Road	Cadmium	1	1	U	ug/L	4/21/2009
3010 Toole Road	Cadmium	0.067	0.030	I	ug/L	8/20/2009
3010 Toole Road	Calcium	28.5	0.075		mg/L	12/4/2007
3010 Toole Road	Calcium	25.2	0.075		mg/L	4/21/2009
3010 Toole Road	Calcium	26.1	0.075	A	mg/L	8/20/2009
3010 Toole Road	Chloride	5.7	0.2		mg Cl/L	5/2/2007
3010 Toole Road	Chloride	6.2	0.2		mg Cl/L	12/4/2007
3010 Toole Road	Chloride	6.4	0.2		mg Cl/L	4/21/2009
3010 Toole Road	Chromium	1	1	U	ug/L	5/2/2007
3010 Toole Road	Chromium	0.3	0.3	U	ug/L	4/21/2009
3010 Toole Road	Chromium	0.3	0.3	U	ug/L	8/20/2009
3010 Toole Road	Copper	1270	50		ug/L	4/21/2009
3010 Toole Road	Copper	12.1	0.50	A	ug/L	8/20/2009
3010 Toole Road	Fluoride	0.67	0.05		mg F/L	12/4/2007
3010 Toole Road	Fluoride	0.67	0.05		mg F/L	4/21/2009
3010 Toole Road	Iron	13	5	I	ug/L	5/2/2007
3010 Toole Road	Iron	30	30	U	ug/L	12/4/2007
3010 Toole Road	Iron	730	30		ug/L	4/21/2009
3010 Toole Road	Iron	30	30	U	ug/L	8/20/2009
3010 Toole Road	Kjeldahl Nitrogen	0.19	0.16	I	mg N/L	12/4/2007
3010 Toole Road	Kjeldahl Nitrogen	0.19	0.08	I	mg N/L	4/21/2009
3010 Toole Road	Lead	0.5	0.2	I	ug/L	5/2/2007
3010 Toole Road	Lead	15.5	0.2		ug/L	4/21/2009
3010 Toole Road	Lead	0.72	0.2	I	ug/L	8/20/2009
3010 Toole Road	Magnesium	10.8	0.04		mg/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3010 Toole Road	Magnesium	9.85	0.04		mg/L	4/21/2009
3010 Toole Road	Magnesium	9.99	0.04	A	mg/L	8/20/2009
3010 Toole Road	Manganese	1.2	0.1		ug/L	5/2/2007
3010 Toole Road	Manganese	1.1	0.75	I	ug/L	4/21/2009
3010 Toole Road	Manganese	1.1	0.75	I	ug/L	8/20/2009
3010 Toole Road	Molybdenum	34.1	0.1		ug/L	5/2/2007
3010 Toole Road	Molybdenum	193	0.15		ug/L	12/4/2007
3010 Toole Road	Molybdenum	156	0.15		ug/L	4/21/2009
3010 Toole Road	Molybdenum	60.1	0.15	A	ug/L	8/20/2009
3010 Toole Road	Nickel	0.25	0.25	U	ug/L	4/21/2009
3010 Toole Road	Nickel	0.25	0.25	U	ug/L	8/20/2009
3010 Toole Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/2/2007
3010 Toole Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
3010 Toole Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/21/2009
3010 Toole Road	Organic Carbon	1.1	1	I	mg C/L	5/2/2007
3010 Toole Road	Potassium	0.78	0.3	I	mg/L	12/4/2007
3010 Toole Road	Potassium	0.8	0.3	I	mg/L	4/21/2009
3010 Toole Road	Potassium	0.83	0.3	I	mg/L	8/20/2009
3010 Toole Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
3010 Toole Road	Selenium	0.2	0.2	U	ug/L	4/21/2009
3010 Toole Road	Selenium	0.2	0.2	U	ug/L	8/20/2009
3010 Toole Road	Silica	27.2	0.25		mg/L	12/4/2007
3010 Toole Road	Silica	21.5	0.1		mg/L	4/21/2009
3010 Toole Road	Sodium	6.2	0.75		mg/L	5/2/2007
3010 Toole Road	Sodium	7.9	0.5		mg/L	12/4/2007
3010 Toole Road	Sodium	6.7	0.5		mg/L	4/21/2009
3010 Toole Road	Sodium	6.5	0.5	A	mg/L	8/20/2009
3010 Toole Road	Strontium	93	80	I	ug/L	12/4/2007
3010 Toole Road	Strontium	85	2		ug/L	4/21/2009
3010 Toole Road	Strontium	80.7	2	A	ug/L	8/20/2009
3010 Toole Road	Sulfate	7.9	0.2		mg SO4/L	5/2/2007
3010 Toole Road	Sulfate	7.5	0.2		mg SO4/L	12/4/2007
3010 Toole Road	Sulfate	8.8	0.2		mg SO4/L	4/21/2009
3010 Toole Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
3010 Toole Road	Sulfide	0.083	0.05	I	mg S/L	12/4/2007
3010 Toole Road	Sulfide	0.11	0.05	I	mg S/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3010 Toole Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
3010 Toole Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
3010 Toole Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
3010 Toole Road	Total-Phosphorus	0.004	0.004	U	mg P/L	4/21/2009
3010 Toole Road	Vanadium	2	2	U	ug/L	4/21/2009
3010 Toole Road	Vanadium	2	2	U	ug/L	8/20/2009
3010 Toole Road	Zinc	42	5		ug/L	4/21/2009
3010 Toole Road	Zinc	12	5	I	ug/L	8/20/2009
3114 Toole Road	Alkalinity	27	0.65		mg CaCO3/L	5/2/2007
3114 Toole Road	Alpha, Total	1			pCi/L	5/2/2007
3114 Toole Road	Alpha-Counting Error	0.7			pCi/L	5/2/2007
3114 Toole Road	Aluminum	23	5		ug/L	5/2/2007
3114 Toole Road	Ammonia-N	0.01	0.01	U	mg N/L	5/2/2007
3114 Toole Road	Arsenic	1.2	0.5	I	ug/L	5/2/2007
3114 Toole Road	Barium	1.13	0.3	I	ug/L	5/2/2007
3114 Toole Road	Cadmium	0.043	0.02	I	ug/L	5/2/2007
3114 Toole Road	Chloride	9.1	0.2	A	mg Cl/L	5/2/2007
3114 Toole Road	Chromium	1	1	U	ug/L	5/2/2007
3114 Toole Road	Iron	53	5		ug/L	5/2/2007
3114 Toole Road	Lead	0.33	0.2	I	ug/L	5/2/2007
3114 Toole Road	Manganese	3	0.1		ug/L	5/2/2007
3114 Toole Road	Molybdenum	0.78	0.3	I	ug/L	5/2/2007
3114 Toole Road	NO2NO3-N	2.6	0.04		mg N/L	5/2/2007
3114 Toole Road	Organic Carbon	1	1	U	mg C/L	5/2/2007
3114 Toole Road	Selenium	0.5	0.5	I	ug/L	5/2/2007
3114 Toole Road	Sodium	4.8	0.75		mg/L	5/2/2007
3114 Toole Road	Sulfate	8.2	0.2	A	mg SO4/L	5/2/2007
3114 Toole Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
3114 Toole Road	Thallium	0.14	0.1	I	ug/L	5/2/2007
3114 Toole Road	Total-Phosphorus	0.94	0.02		mg P/L	5/2/2007
3126 Toole Road	Alkalinity	152	0.65		mg CaCO3/L	4/30/2007
3126 Toole Road	Alpha, Total	2.2			pCi/L	4/30/2007
3126 Toole Road	Alpha-Counting Error	1.3			pCi/L	4/30/2007
3126 Toole Road	Aluminum	30	20	I	ug/L	4/30/2007
3126 Toole Road	Ammonia-N	0.25	0.01		mg N/L	4/30/2007
3126 Toole Road	Arsenic	0.5	0.5	U	ug/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3126 Toole Road	Barium	16.2	2		ug/L	4/30/2007
3126 Toole Road	Cadmium	0.1	0.1	U	ug/L	4/30/2007
3126 Toole Road	Chloride	12	0.2		mg Cl/L	4/30/2007
3126 Toole Road	Chromium	1	1	U	ug/L	4/30/2007
3126 Toole Road	Iron	13	10	I	ug/L	4/30/2007
3126 Toole Road	Lead	0.2	0.2	U	ug/L	4/30/2007
3126 Toole Road	Manganese	2	2	U	ug/L	4/30/2007
3126 Toole Road	Molybdenum	291	0.75		ug/L	4/30/2007
3126 Toole Road	NO2NO3-N	0.006	0.004	I	mg N/L	4/30/2007
3126 Toole Road	Organic Carbon	1.4	1	I	mg C/L	4/30/2007
3126 Toole Road	Radium 226	0.7			pCi/L	4/30/2007
3126 Toole Road	Radium 226-Counting Error	0.2			pCi/L	4/30/2007
3126 Toole Road	Radium 228	0.9		U	pCi/L	4/30/2007
3126 Toole Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
3126 Toole Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
3126 Toole Road	Sodium	8.9	0.1		mg/L	4/30/2007
3126 Toole Road	Sulfate	8.8	0.2		mg SO4/L	4/30/2007
3126 Toole Road	Sulfide	0.4	0.05		mg S/L	4/30/2007
3126 Toole Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
3126 Toole Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
3343 Nichols Road	Alkalinity	146	0.65		mg CaCO3/L	5/1/2007
3343 Nichols Road	Alpha, Total	1.4			pCi/L	5/1/2007
3343 Nichols Road	Alpha-Counting Error	0.9			pCi/L	5/1/2007
3343 Nichols Road	Aluminum	5	5	U	ug/L	5/1/2007
3343 Nichols Road	Ammonia-N	0.26	0.01		mg N/L	5/1/2007
3343 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
3343 Nichols Road	Barium	13.7	0.3		ug/L	5/1/2007
3343 Nichols Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
3343 Nichols Road	Chloride	9.4	0.2		mg Cl/L	5/1/2007
3343 Nichols Road	Chromium	1	1	U	ug/L	5/1/2007
3343 Nichols Road	Iron	120	5		ug/L	5/1/2007
3343 Nichols Road	Lead	0.5	0.2	I	ug/L	5/1/2007
3343 Nichols Road	Manganese	2.4	0.1		ug/L	5/1/2007
3343 Nichols Road	Molybdenum	49.9	0.1		ug/L	5/1/2007
3343 Nichols Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
3343 Nichols Road	Organic Carbon	1.3	1	I	mg C/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3343 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
3343 Nichols Road	Sodium	9.3	0.75		mg/L	5/1/2007
3343 Nichols Road	Sulfate	4.8	0.2		mg SO4/L	5/1/2007
3343 Nichols Road	Sulfide	0.5	0.05		mg S/L	5/1/2007
3343 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
3343 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
3504 Kent Path	Alkalinity	131	0.65		mg CaCO3/L	6/26/2007
3504 Kent Path	Aluminum	5	5	U	ug/L	6/26/2007
3504 Kent Path	Ammonia-N	0.11	0.01	J	mg N/L	6/26/2007
3504 Kent Path	Arsenic	0.5	0.5	U	ug/L	6/26/2007
3504 Kent Path	Barium	6.25	0.3		ug/L	6/26/2007
3504 Kent Path	Cadmium	0.02	0.02	U	ug/L	6/26/2007
3504 Kent Path	Chloride	4.9	0.2		mg Cl/L	6/26/2007
3504 Kent Path	Chromium	1	1	U	ug/L	6/26/2007
3504 Kent Path	Fluoride	0.54	0.05		mg F/L	6/26/2007
3504 Kent Path	Iron	43	5		ug/L	6/26/2007
3504 Kent Path	Lead	1.1	0.2		ug/L	6/26/2007
3504 Kent Path	Manganese	12	0.1		ug/L	6/26/2007
3504 Kent Path	Molybdenum	0.53	0.15	I	ug/L	6/26/2007
3504 Kent Path	NO2NO3-N	0.014	0.004		mg N/L	6/26/2007
3504 Kent Path	Organic Carbon	1.3	1	I	mg C/L	6/26/2007
3504 Kent Path	Selenium	0.5	0.5	U	ug/L	6/26/2007
3504 Kent Path	Sodium	5.1	0.75		mg/L	6/26/2007
3504 Kent Path	Sulfate	0.22	0.2	I	mg SO4/L	6/26/2007
3504 Kent Path	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
3504 Kent Path	Thallium	0.1	0.1	U	ug/L	6/26/2007
3504 Kent Path	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
3504 Kent Path	Vanadium	1	1	U	ug/L	6/26/2007
3505 Kent Path	Alkalinity	107	0.65		mg CaCO3/L	6/26/2007
3505 Kent Path	Alkalinity	106	0.65		mg CaCO3/L	12/5/2007
3505 Kent Path	Aluminum	5	5	U	ug/L	6/26/2007
3505 Kent Path	Ammonia-N	0.048	0.01		mg N/L	6/26/2007
3505 Kent Path	Antimony	0.5	0.5	U	ug/L	12/5/2007
3505 Kent Path	Arsenic	0.77	0.5	I	ug/L	6/26/2007
3505 Kent Path	Arsenic	0.8	0.5	I	ug/L	12/5/2007
3505 Kent Path	Barium	1.03	0.3	I	ug/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3505 Kent Path	Bromide	0.25		U	mg/L	12/5/2007
3505 Kent Path	Cadmium	0.02	0.02	U	ug/L	6/26/2007
3505 Kent Path	Calcium	25.3	0.075		mg/L	12/5/2007
3505 Kent Path	Chloride	12	0.2		mg Cl/L	6/26/2007
3505 Kent Path	Chloride	12	0.2		mg Cl/L	12/5/2007
3505 Kent Path	Chromium	1	1	U	ug/L	6/26/2007
3505 Kent Path	Fluoride	0.41	0.05		mg F/L	6/26/2007
3505 Kent Path	Fluoride	0.4	0.05		mg F/L	12/5/2007
3505 Kent Path	Iron	1730	5		ug/L	6/26/2007
3505 Kent Path	Iron	1790	30		ug/L	12/5/2007
3505 Kent Path	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/5/2007
3505 Kent Path	Lead	0.37	0.2	I	ug/L	6/26/2007
3505 Kent Path	Magnesium	13.4	0.04		mg/L	12/5/2007
3505 Kent Path	Manganese	58.7	0.1		ug/L	6/26/2007
3505 Kent Path	Molybdenum	2.89	0.15		ug/L	6/26/2007
3505 Kent Path	Molybdenum	2.95	0.15		ug/L	12/5/2007
3505 Kent Path	NO2NO3-N	0.011	0.004		mg N/L	6/26/2007
3505 Kent Path	NO2NO3-N	0.01	0.004		mg N/L	12/5/2007
3505 Kent Path	Organic Carbon	1.1	1	I	mg C/L	6/26/2007
3505 Kent Path	Potassium	0.73	0.3	I	mg/L	12/5/2007
3505 Kent Path	Selenium	0.5	0.5	U	ug/L	6/26/2007
3505 Kent Path	Silica	21.1	0.25		mg/L	12/5/2007
3505 Kent Path	Sodium	6.1	0.75		mg/L	6/26/2007
3505 Kent Path	Sodium	6.6	0.5		mg/L	12/5/2007
3505 Kent Path	Strontium	80	80	U	ug/L	12/5/2007
3505 Kent Path	Sulfate	7.6	0.2		mg SO4/L	6/26/2007
3505 Kent Path	Sulfate	8.6	0.2		mg SO4/L	12/5/2007
3505 Kent Path	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
3505 Kent Path	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
3505 Kent Path	Thallium	0.1	0.1	U	ug/L	6/26/2007
3505 Kent Path	Total-Phosphorus	0.43	0.02		mg P/L	6/26/2007
3505 Kent Path	Total-Phosphorus	0.41	0.02		mg P/L	12/5/2007
3505 Kent Path	Vanadium	1	1	U	ug/L	6/26/2007
3629 Nichols Road	Alkalinity	131	0.65		mg CaCO3/L	5/2/2007
3629 Nichols Road	Alpha, Total	1.2		U	pCi/L	5/2/2007
3629 Nichols Road	Alpha-Counting Error	0.9			pCi/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3629 Nichols Road	Aluminum	45	5		ug/L	5/2/2007
3629 Nichols Road	Ammonia-N	0.085	0.01	J	mg N/L	5/2/2007
3629 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
3629 Nichols Road	Barium	9.45	0.3		ug/L	5/2/2007
3629 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
3629 Nichols Road	Chloride	6.8	0.2		mg Cl/L	5/2/2007
3629 Nichols Road	Chromium	1	1	U	ug/L	5/2/2007
3629 Nichols Road	Iron	34	5		ug/L	5/2/2007
3629 Nichols Road	Lead	1.23	0.2		ug/L	5/2/2007
3629 Nichols Road	Manganese	1.4	0.1		ug/L	5/2/2007
3629 Nichols Road	Molybdenum	5.2	0.1		ug/L	5/2/2007
3629 Nichols Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/2/2007
3629 Nichols Road	Organic Carbon	1.2	1	I	mg C/L	5/2/2007
3629 Nichols Road	Radium 226	0.6			pCi/L	5/2/2007
3629 Nichols Road	Radium 226-Counting Error	0.2			pCi/L	5/2/2007
3629 Nichols Road	Radium 228	0.8		U	pCi/L	5/2/2007
3629 Nichols Road	Radium 228-Counting Error	0.5			pCi/L	5/2/2007
3629 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
3629 Nichols Road	Sodium	6.8	0.75		mg/L	5/2/2007
3629 Nichols Road	Sulfate	3	0.2		mg SO4/L	5/2/2007
3629 Nichols Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
3629 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
3629 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
3706 Nichols Road	Alkalinity	164	0.65		mg CaCO3/L	5/2/2007
3706 Nichols Road	Alpha, Total	2		U	pCi/L	5/2/2007
3706 Nichols Road	Alpha-Counting Error	1.4			pCi/L	5/2/2007
3706 Nichols Road	Aluminum	5	5	U	ug/L	5/2/2007
3706 Nichols Road	Ammonia-N	0.26	0.01		mg N/L	5/2/2007
3706 Nichols Road	Arsenic	0.63	0.5	I	ug/L	5/2/2007
3706 Nichols Road	Barium	15.2	0.3		ug/L	5/2/2007
3706 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
3706 Nichols Road	Chloride	9.9	0.4		mg Cl/L	5/2/2007
3706 Nichols Road	Chromium	1	1	U	ug/L	5/2/2007
3706 Nichols Road	Iron	13	5	I	ug/L	5/2/2007
3706 Nichols Road	Lead	0.2	0.2	U	ug/L	5/2/2007
3706 Nichols Road	Manganese	1.4	0.1		ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3706 Nichols Road	Molybdenum	19.9	0.1		ug/L	5/2/2007
3706 Nichols Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
3706 Nichols Road	Organic Carbon	1.9	1	I	mg C/L	5/2/2007
3706 Nichols Road	Radium 226	1.8			pCi/L	5/2/2007
3706 Nichols Road	Radium 226-Counting Error	0.4			pCi/L	5/2/2007
3706 Nichols Road	Radium 228	0.8		U	pCi/L	5/2/2007
3706 Nichols Road	Radium 228-Counting Error	0.5			pCi/L	5/2/2007
3706 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
3706 Nichols Road	Sodium	12.1	0.75		mg/L	5/2/2007
3706 Nichols Road	Sulfate	8.5	0.4		mg SO4/L	5/2/2007
3706 Nichols Road	Sulfide	0.15	0.05		mg S/L	5/2/2007
3706 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
3706 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
3709 Ledlow Lane	Alkalinity	104	0.65		mg CaCO3/L	5/1/2007
3709 Ledlow Lane	Alpha, Total	5.7			pCi/L	5/1/2007
3709 Ledlow Lane	Alpha-Counting Error	1.3			pCi/L	5/1/2007
3709 Ledlow Lane	Aluminum	5	5	U	ug/L	5/1/2007
3709 Ledlow Lane	Ammonia-N	0.086	0.01		mg N/L	5/1/2007
3709 Ledlow Lane	Arsenic	2.1	0.5		ug/L	5/1/2007
3709 Ledlow Lane	Barium	6.22	0.3		ug/L	5/1/2007
3709 Ledlow Lane	Cadmium	0.05	0.05	U	ug/L	5/1/2007
3709 Ledlow Lane	Chloride	6.8	0.2		mg Cl/L	5/1/2007
3709 Ledlow Lane	Chromium	1	1	U	ug/L	5/1/2007
3709 Ledlow Lane	Iron	65	5		ug/L	5/1/2007
3709 Ledlow Lane	Lead	0.2	0.2	U	ug/L	5/1/2007
3709 Ledlow Lane	Manganese	3.1	0.1		ug/L	5/1/2007
3709 Ledlow Lane	Molybdenum	9.9	0.1		ug/L	5/1/2007
3709 Ledlow Lane	NO2NO3-N	0.007	0.004	I	mg N/L	5/1/2007
3709 Ledlow Lane	Organic Carbon	5.3	1		mg C/L	5/1/2007
3709 Ledlow Lane	Selenium	0.5	0.5	U	ug/L	5/1/2007
3709 Ledlow Lane	Sodium	5.7	0.75		mg/L	5/1/2007
3709 Ledlow Lane	Sulfate	2.7	0.2		mg SO4/L	5/1/2007
3709 Ledlow Lane	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
3709 Ledlow Lane	Thallium	0.1	0.1	U	ug/L	5/1/2007
3709 Ledlow Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
3724 Nichols Road	Alkalinity	158	0.65		mg CaCO3/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
3724 Nichols Road	Alpha, Total	1.7			pCi/L	5/1/2007
3724 Nichols Road	Alpha-Counting Error	1.2			pCi/L	5/1/2007
3724 Nichols Road	Aluminum	20	20	U	ug/L	5/1/2007
3724 Nichols Road	Ammonia-N	0.22	0.01		mg N/L	5/1/2007
3724 Nichols Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
3724 Nichols Road	Barium	16.3	2	A	ug/L	5/1/2007
3724 Nichols Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
3724 Nichols Road	Chloride	11	0.2		mg Cl/L	5/1/2007
3724 Nichols Road	Chromium	1	1	U	ug/L	5/1/2007
3724 Nichols Road	Iron	727	10	A	ug/L	5/1/2007
3724 Nichols Road	Lead	0.2	0.2	U	ug/L	5/1/2007
3724 Nichols Road	Manganese	2	2	U	ug/L	5/1/2007
3724 Nichols Road	Molybdenum	0.17	0.15	I	ug/L	5/1/2007
3724 Nichols Road	NO2NO3-N	0.011	0.004		mg N/L	5/1/2007
3724 Nichols Road	Organic Carbon	1.4	1	I	mg C/L	5/1/2007
3724 Nichols Road	Radium 226	1.8			pCi/L	5/1/2007
3724 Nichols Road	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
3724 Nichols Road	Radium 228	0.8		U	pCi/L	5/1/2007
3724 Nichols Road	Radium 228-Counting Error	0.5			pCi/L	5/1/2007
3724 Nichols Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
3724 Nichols Road	Sodium	9	0.1	A	mg/L	5/1/2007
3724 Nichols Road	Sulfate	11	0.2		mg SO4/L	5/1/2007
3724 Nichols Road	Sulfide	0.18	0.05		mg S/L	5/1/2007
3724 Nichols Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
3724 Nichols Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
5340 Beulah Church Road	Alkalinity	149	0.65		mg CaCO3/L	5/2/2007
5340 Beulah Church Road	Alpha, Total	2.3		U	pCi/L	5/2/2007
5340 Beulah Church Road	Alpha-Counting Error	1.5			pCi/L	5/2/2007
5340 Beulah Church Road	Aluminum	21	20	I	ug/L	5/2/2007
5340 Beulah Church Road	Ammonia-N	0.3	0.01		mg N/L	5/2/2007
5340 Beulah Church Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
5340 Beulah Church Road	Barium	17.3	2		ug/L	5/2/2007
5340 Beulah Church Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
5340 Beulah Church Road	Chloride	11	0.4		mg Cl/L	5/2/2007
5340 Beulah Church Road	Chromium	1	1	U	ug/L	5/2/2007
5340 Beulah Church Road	Iron	10	10	U	ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
5340 Beulah Church Road	Lead	0.2	0.2	U	ug/L	5/2/2007
5340 Beulah Church Road	Manganese	2	2	U	ug/L	5/2/2007
5340 Beulah Church Road	Molybdenum	1.05	0.15		ug/L	5/2/2007
5340 Beulah Church Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
5340 Beulah Church Road	Organic Carbon	1.5	1	I	mg C/L	5/2/2007
5340 Beulah Church Road	Radium 226	0.8			pCi/L	5/2/2007
5340 Beulah Church Road	Radium 226-Counting Error	0.3			pCi/L	5/2/2007
5340 Beulah Church Road	Radium 228	0.7		U	pCi/L	5/2/2007
5340 Beulah Church Road	Radium 228-Counting Error	0.5			pCi/L	5/2/2007
5340 Beulah Church Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
5340 Beulah Church Road	Sodium	9.5	0.1		mg/L	5/2/2007
5340 Beulah Church Road	Sulfate	67	0.4		mg SO4/L	5/2/2007
5340 Beulah Church Road	Sulfide	2.4	0.05		mg S/L	5/2/2007
5340 Beulah Church Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
5340 Beulah Church Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
5340 Wood Road	Alkalinity	123	0.65		mg CaCO3/L	6/27/2007
5340 Wood Road	Aluminum	6	5	I	ug/L	6/27/2007
5340 Wood Road	Ammonia-N	0.11	0.01		mg N/L	6/27/2007
5340 Wood Road	Arsenic	0.5	0.5	U	ug/L	6/27/2007
5340 Wood Road	Barium	7.93	0.3		ug/L	6/27/2007
5340 Wood Road	Cadmium	0.02	0.02	U	ug/L	6/27/2007
5340 Wood Road	Chloride	8.4	0.2		mg Cl/L	6/27/2007
5340 Wood Road	Chromium	1	1	U	ug/L	6/27/2007
5340 Wood Road	Fluoride	0.62	0.05		mg F/L	6/27/2007
5340 Wood Road	Iron	249	5		ug/L	6/27/2007
5340 Wood Road	Lead	7.67	0.2		ug/L	6/27/2007
5340 Wood Road	Manganese	5.1	0.1		ug/L	6/27/2007
5340 Wood Road	Molybdenum	1.23	0.15		ug/L	6/27/2007
5340 Wood Road	NO2NO3-N	0.006	0.004	I	mg N/L	6/27/2007
5340 Wood Road	Organic Carbon	1.5	1	I	mg C/L	6/27/2007
5340 Wood Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
5340 Wood Road	Sodium	6.4	0.75		mg/L	6/27/2007
5340 Wood Road	Sulfate	0.45	0.2	I	mg SO4/L	6/27/2007
5340 Wood Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
5340 Wood Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
5340 Wood Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
5340 Wood Road	Vanadium	1	1	U	ug/L	6/27/2007
5364 Wood Road	Alkalinity	52	0.65		mg CaCO3/L	6/27/2007
5364 Wood Road	Alkalinity	54	0.65		mg CaCO3/L	12/5/2007
5364 Wood Road	Alkalinity	58	0.65		mg CaCO3/L	4/22/2009
5364 Wood Road	Aluminum	5	5	U	ug/L	6/27/2007
5364 Wood Road	Aluminum	60	60	U	ug/L	4/22/2009
5364 Wood Road	Ammonia-N	0.01	0.01	U	mg N/L	6/27/2007
5364 Wood Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
5364 Wood Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
5364 Wood Road	Arsenic	1.2	0.5	I	ug/L	6/27/2007
5364 Wood Road	Arsenic	1.3	0.5	I	ug/L	12/5/2007
5364 Wood Road	Arsenic	1.02	0.25		ug/L	4/22/2009
5364 Wood Road	Barium	0.8	0.3	I	ug/L	6/27/2007
5364 Wood Road	Bromide	0.25		U	mg/L	12/5/2007
5364 Wood Road	Cadmium	0.043	0.02	I	ug/L	6/27/2007
5364 Wood Road	Cadmium	1	1	U	ug/L	4/22/2009
5364 Wood Road	Calcium	19.9	0.075		mg/L	12/5/2007
5364 Wood Road	Calcium	30.3	0.075		mg/L	4/22/2009
5364 Wood Road	Chloride	12	0.2		mg Cl/L	6/27/2007
5364 Wood Road	Chloride	16	0.2		mg Cl/L	12/5/2007
5364 Wood Road	Chloride	48	0.2	A	mg Cl/L	4/22/2009
5364 Wood Road	Chromium	1	1	U	ug/L	6/27/2007
5364 Wood Road	Chromium	0.48	0.3	I	ug/L	4/22/2009
5364 Wood Road	Copper	2.88	0.5		ug/L	4/22/2009
5364 Wood Road	Fluoride	0.35	0.05		mg F/L	6/27/2007
5364 Wood Road	Fluoride	0.31	0.05		mg F/L	12/5/2007
5364 Wood Road	Fluoride	0.26	0.05		mg F/L	4/22/2009
5364 Wood Road	Iron	5	5	U	ug/L	6/27/2007
5364 Wood Road	Iron	110	30	I	ug/L	12/5/2007
5364 Wood Road	Iron	34	30	I	ug/L	4/22/2009
5364 Wood Road	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/5/2007
5364 Wood Road	Kjeldahl Nitrogen	0.15	0.08	I	mg N/L	4/22/2009
5364 Wood Road	Lead	0.31	0.2	I	ug/L	6/27/2007
5364 Wood Road	Lead	0.45	0.2	I	ug/L	4/22/2009
5364 Wood Road	Magnesium	7.7	0.04		mg/L	12/5/2007
5364 Wood Road	Magnesium	11.7	0.04		mg/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
5364 Wood Road	Manganese	0.55	0.1		ug/L	6/27/2007
5364 Wood Road	Manganese	1.2	0.75	I	ug/L	4/22/2009
5364 Wood Road	Molybdenum	0.35	0.15	I	ug/L	6/27/2007
5364 Wood Road	Molybdenum	1	1	U	ug/L	12/5/2007
5364 Wood Road	Molybdenum	0.3	0.15	I	ug/L	4/22/2009
5364 Wood Road	Nickel	0.97	0.25	I	ug/L	4/22/2009
5364 Wood Road	NO2NO3-N	3.7	0.04		mg N/L	6/27/2007
5364 Wood Road	NO2NO3-N	3.9	0.04		mg N/L	12/5/2007
5364 Wood Road	NO2NO3-N	5.7	0.04		mg N/L	4/22/2009
5364 Wood Road	Organic Carbon	1	1	U	mg C/L	6/27/2007
5364 Wood Road	Potassium	0.3	0.3	U	mg/L	12/5/2007
5364 Wood Road	Potassium	0.32	0.3	I	mg/L	4/22/2009
5364 Wood Road	Selenium	4	0.5		ug/L	6/27/2007
5364 Wood Road	Selenium	3.77	0.2		ug/L	4/22/2009
5364 Wood Road	Silica	12.9	0.25		mg/L	12/5/2007
5364 Wood Road	Silica	14.2	0.1		mg/L	4/22/2009
5364 Wood Road	Sodium	6.5	0.75		mg/L	6/27/2007
5364 Wood Road	Sodium	7.2	0.5		mg/L	12/5/2007
5364 Wood Road	Sodium	9.9	0.5		mg/L	4/22/2009
5364 Wood Road	Strontium	80	80	U	ug/L	12/5/2007
5364 Wood Road	Strontium	31.1	2		ug/L	4/22/2009
5364 Wood Road	Sulfate	1.1	0.2		mg SO4/L	6/27/2007
5364 Wood Road	Sulfate	1.2	0.2		mg SO4/L	12/5/2007
5364 Wood Road	Sulfate	0.83	0.2	A	mg SO4/L	4/22/2009
5364 Wood Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
5364 Wood Road	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
5364 Wood Road	Sulfide	0.05	0.05	U	mg S/L	4/22/2009
5364 Wood Road	Thallium	0.2	0.1	I	ug/L	6/27/2007
5364 Wood Road	Total-Phosphorus	1.2	0.04		mg P/L	6/27/2007
5364 Wood Road	Total-Phosphorus	0.97	0.02		mg P/L	12/5/2007
5364 Wood Road	Total-Phosphorus	0.91	0.04		mg P/L	4/22/2009
5364 Wood Road	Vanadium	3.2	1	I	ug/L	6/27/2007
5364 Wood Road	Vanadium	2.3	2	I	ug/L	4/22/2009
5364 Wood Road	Zinc	6.4	5	I	ug/L	4/22/2009
5367 Wood Road	Alkalinity	153	0.65		mg CaCO3/L	5/1/2007
5367 Wood Road	Alpha, Total	2			pCi/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
5367 Wood Road	Alpha-Counting Error	1.3			pCi/L	5/1/2007
5367 Wood Road	Aluminum	5	5	U	ug/L	5/1/2007
5367 Wood Road	Ammonia-N	0.23	0.01		mg N/L	5/1/2007
5367 Wood Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
5367 Wood Road	Barium	15.5	0.3		ug/L	5/1/2007
5367 Wood Road	Cadmium	0.035	0.02	I	ug/L	5/1/2007
5367 Wood Road	Chloride	10	0.4		mg Cl/L	5/1/2007
5367 Wood Road	Chromium	1	1	U	ug/L	5/1/2007
5367 Wood Road	Iron	5	5	U	ug/L	5/1/2007
5367 Wood Road	Lead	2.18	0.2		ug/L	5/1/2007
5367 Wood Road	Manganese	0.24	0.1	I	ug/L	5/1/2007
5367 Wood Road	Molybdenum	0.1	0.1	U	ug/L	5/1/2007
5367 Wood Road	NO2NO3-N	0.007	0.004	I	mg N/L	5/1/2007
5367 Wood Road	Organic Carbon	10	1		mg C/L	5/1/2007
5367 Wood Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
5367 Wood Road	Sodium	9	0.75		mg/L	5/1/2007
5367 Wood Road	Sulfate	13	0.4		mg SO4/L	5/1/2007
5367 Wood Road	Sulfide	0.79	0.05		mg S/L	5/1/2007
5367 Wood Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
5367 Wood Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
7911 Carey Road	Alkalinity	139	0.65		mg CaCO3/L	6/26/2007
7911 Carey Road	Alkalinity	139	0.65		mg CaCO3/L	12/5/2007
7911 Carey Road	Alkalinity	139	0.65		mg CaCO3/L	4/22/2009
7911 Carey Road	Aluminum	28	5		ug/L	6/26/2007
7911 Carey Road	Aluminum	60	60	U	ug/L	4/22/2009
7911 Carey Road	Ammonia-N	0.18	0.01		mg N/L	6/26/2007
7911 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
7911 Carey Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
7911 Carey Road	Arsenic	118	0.5		ug/L	6/26/2007
7911 Carey Road	Arsenic	113	0.5		ug/L	12/5/2007
7911 Carey Road	Arsenic	101	0.25		ug/L	4/22/2009
7911 Carey Road	Barium	13	0.3		ug/L	6/26/2007
7911 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
7911 Carey Road	Cadmium	0.32	0.02		ug/L	6/26/2007
7911 Carey Road	Cadmium	1	1	U	ug/L	4/22/2009
7911 Carey Road	Calcium	34	0.075		mg/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
7911 Carey Road	Calcium	32.9	0.075		mg/L	4/22/2009
7911 Carey Road	Chloride	8.1	0.2		mg Cl/L	6/26/2007
7911 Carey Road	Chloride	8.2	0.2		mg Cl/L	12/5/2007
7911 Carey Road	Chloride	8.1	0.2		mg Cl/L	4/22/2009
7911 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
7911 Carey Road	Chromium	0.3	0.3	U	ug/L	4/22/2009
7911 Carey Road	Copper	0.7	0.5		ug/L	4/22/2009
7911 Carey Road	Fluoride	0.67	0.05		mg F/L	6/26/2007
7911 Carey Road	Fluoride	0.67	0.05		mg F/L	12/5/2007
7911 Carey Road	Fluoride	0.65	0.05		mg F/L	4/22/2009
7911 Carey Road	Iron	8.2	5	I	ug/L	6/26/2007
7911 Carey Road	Iron	30	30	U	ug/L	12/5/2007
7911 Carey Road	Iron	30	30	U	ug/L	4/22/2009
7911 Carey Road	Kjeldahl Nitrogen	0.23	0.08		mg N/L	12/5/2007
7911 Carey Road	Kjeldahl Nitrogen	0.28	0.08		mg N/L	4/22/2009
7911 Carey Road	Lead	6.22	0.2		ug/L	6/26/2007
7911 Carey Road	Lead	0.2	0.2	U	ug/L	4/22/2009
7911 Carey Road	Magnesium	14	0.04		mg/L	12/5/2007
7911 Carey Road	Magnesium	13.8	0.04		mg/L	4/22/2009
7911 Carey Road	Manganese	0.77	0.1		ug/L	6/26/2007
7911 Carey Road	Manganese	0.96	0.75	I	ug/L	4/22/2009
7911 Carey Road	Molybdenum	742	0.75		ug/L	6/26/2007
7911 Carey Road	Molybdenum	682	0.75		ug/L	12/5/2007
7911 Carey Road	Molybdenum	694	0.75		ug/L	4/22/2009
7911 Carey Road	Nickel	0.26	0.25	I	ug/L	4/22/2009
7911 Carey Road	NO2NO3-N	0.005	0.004	I	mg N/L	6/26/2007
7911 Carey Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
7911 Carey Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/22/2009
7911 Carey Road	Organic Carbon	1.3	1	I	mg C/L	6/26/2007
7911 Carey Road	Potassium	0.66	0.3	I	mg/L	12/5/2007
7911 Carey Road	Potassium	0.75	0.3	I	mg/L	4/22/2009
7911 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007
7911 Carey Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
7911 Carey Road	Silica	28.7	0.25		mg/L	12/5/2007
7911 Carey Road	Silica	10.9	0.1		mg/L	4/22/2009
7911 Carey Road	Sodium	10.2	0.75		mg/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
7911 Carey Road	Sodium	10.5	0.5		mg/L	12/5/2007
7911 Carey Road	Sodium	10.6	0.5		mg/L	4/22/2009
7911 Carey Road	Strontium	210	80	I	ug/L	12/5/2007
7911 Carey Road	Strontium	247	2		ug/L	4/22/2009
7911 Carey Road	Sulfate	7.1	0.2		mg SO4/L	6/26/2007
7911 Carey Road	Sulfate	8.8	0.2		mg SO4/L	12/5/2007
7911 Carey Road	Sulfate	7.7	0.2		mg SO4/L	4/22/2009
7911 Carey Road	Sulfide	2.7	0.05		mg S/L	6/26/2007
7911 Carey Road	Sulfide	0.38	0.05		mg S/L	12/5/2007
7911 Carey Road	Sulfide	0.32	0.05	A	mg S/L	4/22/2009
7911 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
7911 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
7911 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
7911 Carey Road	Total-Phosphorus	0.007	0.004	I	mg P/L	4/22/2009
7911 Carey Road	Vanadium	3	3	U	ug/L	6/26/2007
7911 Carey Road	Vanadium	2	2	U	ug/L	4/22/2009
7911 Carey Road	Zinc	6.6	5	I	ug/L	4/22/2009
7935 Carey Road	Alkalinity	92	0.65		mg CaCO3/L	6/26/2007
7935 Carey Road	Alkalinity	106	0.65		mg CaCO3/L	12/5/2007
7935 Carey Road	Alkalinity	95	0.65		mg CaCO3/L	4/22/2009
7935 Carey Road	Aluminum	18	5	I	ug/L	6/26/2007
7935 Carey Road	Aluminum	60	60	U	ug/L	4/22/2009
7935 Carey Road	Ammonia-N	0.033	0.01		mg N/L	6/26/2007
7935 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
7935 Carey Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
7935 Carey Road	Arsenic	1.7	0.5	I	ug/L	6/26/2007
7935 Carey Road	Arsenic	0.99	0.5	I	ug/L	12/5/2007
7935 Carey Road	Arsenic	1.3	0.25		ug/L	4/22/2009
7935 Carey Road	Barium	6.72	0.3		ug/L	6/26/2007
7935 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
7935 Carey Road	Cadmium	0.12	0.02		ug/L	6/26/2007
7935 Carey Road	Cadmium	1	1	U	ug/L	4/22/2009
7935 Carey Road	Calcium	33.6	0.075		mg/L	12/5/2007
7935 Carey Road	Calcium	27.8	0.075		mg/L	4/22/2009
7935 Carey Road	Chloride	5	0.2		mg Cl/L	6/26/2007
7935 Carey Road	Chloride	5.3	0.2		mg Cl/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
7935 Carey Road	Chloride	5.3	0.2		mg Cl/L	4/22/2009
7935 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
7935 Carey Road	Chromium	0.3	0.3	U	ug/L	4/22/2009
7935 Carey Road	Copper	8.81	0.5		ug/L	4/22/2009
7935 Carey Road	Fluoride	0.44	0.05		mg F/L	6/26/2007
7935 Carey Road	Fluoride	0.44	0.05		mg F/L	12/5/2007
7935 Carey Road	Fluoride	0.42	0.05		mg F/L	4/22/2009
7935 Carey Road	Iron	9.5	5	I	ug/L	6/26/2007
7935 Carey Road	Iron	30	30	U	ug/L	12/5/2007
7935 Carey Road	Iron	35	30	I	ug/L	4/22/2009
7935 Carey Road	Kjeldahl Nitrogen	0.23	0.08		mg N/L	12/5/2007
7935 Carey Road	Kjeldahl Nitrogen	0.094	0.08	I	mg N/L	4/22/2009
7935 Carey Road	Lead	0.97	0.2		ug/L	6/26/2007
7935 Carey Road	Lead	3.7	0.2		ug/L	4/22/2009
7935 Carey Road	Magnesium	10.7	0.04		mg/L	12/5/2007
7935 Carey Road	Magnesium	10.6	0.04		mg/L	4/22/2009
7935 Carey Road	Manganese	6.4	0.1		ug/L	6/26/2007
7935 Carey Road	Manganese	7	0.75		ug/L	4/22/2009
7935 Carey Road	Molybdenum	120	0.15		ug/L	6/26/2007
7935 Carey Road	Molybdenum	95	0.15		ug/L	12/5/2007
7935 Carey Road	Molybdenum	143	0.15		ug/L	4/22/2009
7935 Carey Road	Nickel	0.3	0.25	I	ug/L	4/22/2009
7935 Carey Road	NO2NO3-N	0.031	0.004		mg N/L	6/26/2007
7935 Carey Road	NO2NO3-N	0.022	0.004		mg N/L	12/5/2007
7935 Carey Road	NO2NO3-N	0.018	0.004		mg N/L	4/22/2009
7935 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
7935 Carey Road	Potassium	0.62	0.3	I	mg/L	12/5/2007
7935 Carey Road	Potassium	0.59	0.3	I	mg/L	4/22/2009
7935 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007
7935 Carey Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
7935 Carey Road	Silica	15.4	0.25		mg/L	12/5/2007
7935 Carey Road	Silica	15.5	0.1		mg/L	4/22/2009
7935 Carey Road	Sodium	3.9	0.75		mg/L	6/26/2007
7935 Carey Road	Sodium	4.2	0.5		mg/L	12/5/2007
7935 Carey Road	Sodium	4.1	0.5		mg/L	4/22/2009
7935 Carey Road	Strontium	93	80	I	ug/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
7935 Carey Road	Strontium	87.6	2		ug/L	4/22/2009
7935 Carey Road	Sulfate	11	0.2		mg SO4/L	6/26/2007
7935 Carey Road	Sulfate	7.9	0.2		mg SO4/L	12/5/2007
7935 Carey Road	Sulfate	9	0.2		mg SO4/L	4/22/2009
7935 Carey Road	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
7935 Carey Road	Sulfide	1	0.05		mg S/L	12/5/2007
7935 Carey Road	Sulfide	2	0.05		mg S/L	4/22/2009
7935 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
7935 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
7935 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
7935 Carey Road	Total-Phosphorus	0.014	0.004		mg P/L	4/22/2009
7935 Carey Road	Vanadium	1	1	U	ug/L	6/26/2007
7935 Carey Road	Vanadium	2	2	U	ug/L	4/22/2009
7935 Carey Road	Zinc	220	5		ug/L	4/22/2009
8002 Edison Road	Alkalinity	107	0.65		mg CaCO3/L	5/1/2007
8002 Edison Road	Alkalinity	108	0.65		mg CaCO3/L	12/4/2007
8002 Edison Road	Alpha, Total	1.5			pCi/L	5/1/2007
8002 Edison Road	Alpha-Counting Error	0.7			pCi/L	5/1/2007
8002 Edison Road	Aluminum	16	5	I	ug/L	5/1/2007
8002 Edison Road	Ammonia-N	0.13	0.01		mg N/L	5/1/2007
8002 Edison Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8002 Edison Road	Arsenic	15.2	0.5		ug/L	5/1/2007
8002 Edison Road	Arsenic	15.7	0.5		ug/L	12/4/2007
8002 Edison Road	Barium	13.1	0.3		ug/L	5/1/2007
8002 Edison Road	Bromide	0.25		U	mg/L	12/4/2007
8002 Edison Road	Cadmium	0.2	0.2	U	ug/L	5/1/2007
8002 Edison Road	Calcium	28.9	0.075		mg/L	12/4/2007
8002 Edison Road	Chloride	7.1	0.2		mg Cl/L	5/1/2007
8002 Edison Road	Chloride	7.5	0.2		mg Cl/L	12/4/2007
8002 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
8002 Edison Road	Fluoride	0.57	0.05		mg F/L	12/4/2007
8002 Edison Road	Iron	5	5	U	ug/L	5/1/2007
8002 Edison Road	Iron	30	30	U	ug/L	12/4/2007
8002 Edison Road	Kjeldahl Nitrogen	0.17	0.08	I	mg N/L	12/4/2007
8002 Edison Road	Lead	0.36	0.2	I	ug/L	5/1/2007
8002 Edison Road	Magnesium	11.4	0.04		mg/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8002 Edison Road	Manganese	1.3	0.1		ug/L	5/1/2007
8002 Edison Road	Molybdenum	408	1		ug/L	5/1/2007
8002 Edison Road	Molybdenum	367	0.75		ug/L	12/4/2007
8002 Edison Road	NO2NO3-N	0.009	0.004	I	mg N/L	5/1/2007
8002 Edison Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
8002 Edison Road	Organic Carbon	6	1		mg C/L	5/1/2007
8002 Edison Road	Potassium	0.61	0.3	I	mg/L	12/4/2007
8002 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8002 Edison Road	Silica	24.1	0.25		mg/L	12/4/2007
8002 Edison Road	Sodium	7.1	0.75		mg/L	5/1/2007
8002 Edison Road	Sodium	7.6	0.5		mg/L	12/4/2007
8002 Edison Road	Strontium	130	80	I	ug/L	12/4/2007
8002 Edison Road	Sulfate	6.4	0.2		mg SO4/L	5/1/2007
8002 Edison Road	Sulfate	6.4	0.2		mg SO4/L	12/4/2007
8002 Edison Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8002 Edison Road	Sulfide	0.066	0.05	I	mg S/L	12/4/2007
8002 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8002 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8002 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8010 Edison Road	Alkalinity	110	0.65		mg CaCO3/L	5/1/2007
8010 Edison Road	Alkalinity	108	0.65		mg CaCO3/L	12/4/2007
8010 Edison Road	Alkalinity	119	0.65		mg CaCO3/L	4/22/2009
8010 Edison Road	Alpha, Total	1.5			pCi/L	5/1/2007
8010 Edison Road	Alpha-Counting Error	0.9			pCi/L	5/1/2007
8010 Edison Road	Aluminum	9.6	5	I	ug/L	5/1/2007
8010 Edison Road	Aluminum	60	60	U	ug/L	4/22/2009
8010 Edison Road	Ammonia-N	0.14	0.01		mg N/L	5/1/2007
8010 Edison Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8010 Edison Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
8010 Edison Road	Arsenic	6.7	0.5		ug/L	5/1/2007
8010 Edison Road	Arsenic	9.1	0.5		ug/L	12/4/2007
8010 Edison Road	Arsenic	3.87	0.25		ug/L	4/22/2009
8010 Edison Road	Barium	13.6	0.3		ug/L	5/1/2007
8010 Edison Road	Bromide	0.25		U	mg/L	12/4/2007
8010 Edison Road	Cadmium	0.2	0.2	U	ug/L	5/1/2007
8010 Edison Road	Cadmium	1	1	U	ug/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8010 Edison Road	Calcium	27.6	0.075		mg/L	12/4/2007
8010 Edison Road	Calcium	27.5	0.075		mg/L	4/22/2009
8010 Edison Road	Chloride	6.9	0.2		mg Cl/L	5/1/2007
8010 Edison Road	Chloride	7.4	0.2		mg Cl/L	12/4/2007
8010 Edison Road	Chloride	7.1	0.2		mg Cl/L	4/22/2009
8010 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
8010 Edison Road	Chromium	0.3	0.3	U	ug/L	4/22/2009
8010 Edison Road	Copper	0.5	0.5	U	ug/L	4/22/2009
8010 Edison Road	Fluoride	0.6	0.05		mg F/L	12/4/2007
8010 Edison Road	Fluoride	0.59	0.05		mg F/L	4/22/2009
8010 Edison Road	Iron	5	5	U	ug/L	5/1/2007
8010 Edison Road	Iron	30	30	U	ug/L	12/4/2007
8010 Edison Road	Iron	30	30	U	ug/L	4/22/2009
8010 Edison Road	Kjeldahl Nitrogen	0.16	0.16	U	mg N/L	12/4/2007
8010 Edison Road	Kjeldahl Nitrogen	0.25	0.08		mg N/L	4/22/2009
8010 Edison Road	Lead	0.2	0.2	I	ug/L	5/1/2007
8010 Edison Road	Lead	0.2	0.2	U	ug/L	4/22/2009
8010 Edison Road	Magnesium	10.9	0.04		mg/L	12/4/2007
8010 Edison Road	Magnesium	10.9	0.04		mg/L	4/22/2009
8010 Edison Road	Manganese	1.2	0.1		ug/L	5/1/2007
8010 Edison Road	Manganese	1.2	0.75	I	ug/L	4/22/2009
8010 Edison Road	Molybdenum	256	1		ug/L	5/1/2007
8010 Edison Road	Molybdenum	282	0.75		ug/L	12/4/2007
8010 Edison Road	Molybdenum	165	0.15		ug/L	4/22/2009
8010 Edison Road	Nickel	0.25	0.25	U	ug/L	4/22/2009
8010 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
8010 Edison Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
8010 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	4/22/2009
8010 Edison Road	Organic Carbon	1	1	U	mg C/L	5/1/2007
8010 Edison Road	Potassium	0.63	0.3	I	mg/L	12/4/2007
8010 Edison Road	Potassium	0.75	0.3	I	mg/L	4/22/2009
8010 Edison Road	Radium 226	0.7			pCi/L	5/1/2007
8010 Edison Road	Radium 226-Counting Error	0.1			pCi/L	5/1/2007
8010 Edison Road	Radium 228	1		U	pCi/L	5/1/2007
8010 Edison Road	Radium 228-Counting Error	0.6			pCi/L	5/1/2007
8010 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8010 Edison Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
8010 Edison Road	Silica	24.4	0.25		mg/L	12/4/2007
8010 Edison Road	Silica	28.8	0.1		mg/L	4/22/2009
8010 Edison Road	Sodium	6.8	0.75		mg/L	5/1/2007
8010 Edison Road	Sodium	7.1	0.5		mg/L	12/4/2007
8010 Edison Road	Sodium	8.2	0.5		mg/L	4/22/2009
8010 Edison Road	Strontium	120	80	I	ug/L	12/4/2007
8010 Edison Road	Strontium	165	2		ug/L	4/22/2009
8010 Edison Road	Sulfate	5	0.2		mg SO4/L	5/1/2007
8010 Edison Road	Sulfate	5.6	0.2		mg SO4/L	12/4/2007
8010 Edison Road	Sulfate	4.4	0.2		mg SO4/L	4/22/2009
8010 Edison Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8010 Edison Road	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
8010 Edison Road	Sulfide	0.11	0.05	I	mg S/L	4/22/2009
8010 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8010 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8010 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8010 Edison Road	Total-Phosphorus	0.011	0.004		mg P/L	4/22/2009
8010 Edison Road	Vanadium	2	2	U	ug/L	4/22/2009
8010 Edison Road	Zinc	6.8	5	I	ug/L	4/22/2009
8110 Edison Road	Alkalinity	145	0.65		mg CaCO3/L	5/1/2007
8110 Edison Road	Alpha, Total	1.1			pCi/L	5/1/2007
8110 Edison Road	Alpha-Counting Error	0.9			pCi/L	5/1/2007
8110 Edison Road	Aluminum	5	5	U	ug/L	5/1/2007
8110 Edison Road	Ammonia-N	0.29	0.01		mg N/L	5/1/2007
8110 Edison Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8110 Edison Road	Barium	16.9	0.3		ug/L	5/1/2007
8110 Edison Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
8110 Edison Road	Chloride	9.6	0.2		mg Cl/L	5/1/2007
8110 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
8110 Edison Road	Iron	15	5	I	ug/L	5/1/2007
8110 Edison Road	Lead	0.2	0.2	U	ug/L	5/1/2007
8110 Edison Road	Manganese	0.44	0.1		ug/L	5/1/2007
8110 Edison Road	Molybdenum	44.1	0.1		ug/L	5/1/2007
8110 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
8110 Edison Road	Organic Carbon	1.4	1	I	mg C/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8110 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8110 Edison Road	Sodium	9	0.75		mg/L	5/1/2007
8110 Edison Road	Sulfate	7.4	0.2		mg SO4/L	5/1/2007
8110 Edison Road	Sulfide	1.2	0.05		mg S/L	5/1/2007
8110 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8110 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8133 Edison Road	Alkalinity	129	0.65		mg CaCO3/L	4/30/2007
8133 Edison Road	Alkalinity	128	0.65		mg CaCO3/L	12/4/2007
8133 Edison Road	Alkalinity	125	0.65		mg CaCO3/L	4/22/2009
8133 Edison Road	Alpha, Total	1.8		U	pCi/L	4/30/2007
8133 Edison Road	Alpha-Counting Error	1.3			pCi/L	4/30/2007
8133 Edison Road	Aluminum	5	5	U	ug/L	4/30/2007
8133 Edison Road	Aluminum	60	60	U	ug/L	4/22/2009
8133 Edison Road	Ammonia-N	0.25	0.01		mg N/L	4/30/2007
8133 Edison Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8133 Edison Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
8133 Edison Road	Arsenic	0.5	0.5	U	ug/L	4/30/2007
8133 Edison Road	Arsenic	0.5	0.5	U	ug/L	12/4/2007
8133 Edison Road	Arsenic	0.25	0.25	U	ug/L	4/22/2009
8133 Edison Road	Barium	10.9	0.3		ug/L	4/30/2007
8133 Edison Road	Bromide	0.25		U	mg/L	12/4/2007
8133 Edison Road	Cadmium	0.05	0.05	U	ug/L	4/30/2007
8133 Edison Road	Cadmium	1	1	U	ug/L	4/22/2009
8133 Edison Road	Calcium	32.2	0.075		mg/L	12/4/2007
8133 Edison Road	Calcium	29.7	0.075		mg/L	4/22/2009
8133 Edison Road	Chloride	8.2	0.2	A	mg Cl/L	4/30/2007
8133 Edison Road	Chloride	7.3	0.2		mg Cl/L	12/4/2007
8133 Edison Road	Chloride	8.4	0.2		mg Cl/L	4/22/2009
8133 Edison Road	Chromium	1	1	U	ug/L	4/30/2007
8133 Edison Road	Chromium	0.35	0.3	I	ug/L	4/22/2009
8133 Edison Road	Copper	7.42	0.5		ug/L	4/22/2009
8133 Edison Road	Fluoride	0.58	0.05		mg F/L	12/4/2007
8133 Edison Road	Fluoride	0.58	0.05		mg F/L	4/22/2009
8133 Edison Road	Iron	5	5	U	ug/L	4/30/2007
8133 Edison Road	Iron	30	30	U	ug/L	12/4/2007
8133 Edison Road	Iron	30	30	U	ug/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8133 Edison Road	Kjeldahl Nitrogen	0.26	0.16	I	mg N/L	12/4/2007
8133 Edison Road	Kjeldahl Nitrogen	0.23	0.08		mg N/L	4/22/2009
8133 Edison Road	Lead	1.73	0.2		ug/L	4/30/2007
8133 Edison Road	Lead	15.1	0.2		ug/L	4/22/2009
8133 Edison Road	Magnesium	12.2	0.04		mg/L	12/4/2007
8133 Edison Road	Magnesium	11.3	0.04		mg/L	4/22/2009
8133 Edison Road	Manganese	0.54	0.1		ug/L	4/30/2007
8133 Edison Road	Manganese	0.75	0.75	U	ug/L	4/22/2009
8133 Edison Road	Molybdenum	68.6	0.1		ug/L	4/30/2007
8133 Edison Road	Molybdenum	66.7	0.15		ug/L	12/4/2007
8133 Edison Road	Molybdenum	83.8	0.15		ug/L	4/22/2009
8133 Edison Road	Nickel	0.64	0.25	I	ug/L	4/22/2009
8133 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	4/30/2007
8133 Edison Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
8133 Edison Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/22/2009
8133 Edison Road	Organic Carbon	1.5	1	I	mg C/L	4/30/2007
8133 Edison Road	Potassium	0.73	0.3	I	mg/L	12/4/2007
8133 Edison Road	Potassium	0.79	0.3	I	mg/L	4/22/2009
8133 Edison Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8133 Edison Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
8133 Edison Road	Silica	32.7	0.25	A	mg/L	12/4/2007
8133 Edison Road	Silica	33.4	0.1		mg/L	4/22/2009
8133 Edison Road	Sodium	10	0.75		mg/L	4/30/2007
8133 Edison Road	Sodium	9.5	0.5		mg/L	12/4/2007
8133 Edison Road	Sodium	10.4	0.5		mg/L	4/22/2009
8133 Edison Road	Strontium	230	80	I	ug/L	12/4/2007
8133 Edison Road	Strontium	239	2		ug/L	4/22/2009
8133 Edison Road	Sulfate	3.1	0.2	A	mg SO4/L	4/30/2007
8133 Edison Road	Sulfate	3.5	0.2		mg SO4/L	12/4/2007
8133 Edison Road	Sulfate	3.2	0.2		mg SO4/L	4/22/2009
8133 Edison Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
8133 Edison Road	Sulfide	0.31	0.05	A	mg S/L	12/4/2007
8133 Edison Road	Sulfide	0.12	0.05	I	mg S/L	4/22/2009
8133 Edison Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8133 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8133 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8133 Edison Road	Total-Phosphorus	0.007	0.004	I	mg P/L	4/22/2009
8133 Edison Road	Vanadium	2	2	U	ug/L	4/22/2009
8133 Edison Road	Zinc	281	5		ug/L	4/22/2009
8203 Edison Road	Alkalinity	159	0.65		mg CaCO3/L	5/2/2007
8203 Edison Road	Alpha, Total	1.8			pCi/L	5/2/2007
8203 Edison Road	Alpha-Counting Error	1.3			pCi/L	5/2/2007
8203 Edison Road	Aluminum	20	20	U	ug/L	5/2/2007
8203 Edison Road	Ammonia-N	0.26	0.01		mg N/L	5/2/2007
8203 Edison Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
8203 Edison Road	Barium	18	2		ug/L	5/2/2007
8203 Edison Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
8203 Edison Road	Chloride	11	0.4		mg Cl/L	5/2/2007
8203 Edison Road	Chromium	1	1	U	ug/L	5/2/2007
8203 Edison Road	Iron	10	10	U	ug/L	5/2/2007
8203 Edison Road	Lead	0.26	0.2	I	ug/L	5/2/2007
8203 Edison Road	Manganese	2	2	U	ug/L	5/2/2007
8203 Edison Road	Molybdenum	2.84	0.15		ug/L	5/2/2007
8203 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
8203 Edison Road	Organic Carbon	1.5	1	I	mg C/L	5/2/2007
8203 Edison Road	Radium 226	0.7			pCi/L	5/2/2007
8203 Edison Road	Radium 226-Counting Error	0.2			pCi/L	5/2/2007
8203 Edison Road	Radium 228	0.9		U	pCi/L	5/2/2007
8203 Edison Road	Radium 228-Counting Error	0.5			pCi/L	5/2/2007
8203 Edison Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8203 Edison Road	Sodium	9.2	0.1		mg/L	5/2/2007
8203 Edison Road	Sulfate	9.1	0.4		mg SO4/L	5/2/2007
8203 Edison Road	Sulfide	2.8	0.05		mg S/L	5/2/2007
8203 Edison Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
8203 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8225 Carey Road	Alkalinity	49	0.65		mg CaCO3/L	6/26/2007
8225 Carey Road	Aluminum	5	5	U	ug/L	6/26/2007
8225 Carey Road	Ammonia-N	0.01	0.01	U	mg N/L	6/26/2007
8225 Carey Road	Arsenic	0.5	0.5	U	ug/L	6/26/2007
8225 Carey Road	Barium	1.03	0.3	I	ug/L	6/26/2007
8225 Carey Road	Cadmium	0.077	0.02	I	ug/L	6/26/2007
8225 Carey Road	Chloride	34	0.4		mg Cl/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8225 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8225 Carey Road	Fluoride	0.24	0.05		mg F/L	6/26/2007
8225 Carey Road	Iron	7.5	5	I	ug/L	6/26/2007
8225 Carey Road	Lead	0.29	0.2	I	ug/L	6/26/2007
8225 Carey Road	Manganese	0.1	0.1	U	ug/L	6/26/2007
8225 Carey Road	Molybdenum	14.9	0.15		ug/L	6/26/2007
8225 Carey Road	NO2NO3-N	16	0.1		mg N/L	6/26/2007
8225 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
8225 Carey Road	Selenium	0.69	0.5	I	ug/L	6/26/2007
8225 Carey Road	Sodium	6.2	0.75		mg/L	6/26/2007
8225 Carey Road	Sulfate	10	0.4		mg SO4/L	6/26/2007
8225 Carey Road	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
8225 Carey Road	Thallium	0.27	0.1	I	ug/L	6/26/2007
8225 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8225 Carey Road	Vanadium	4.6	1		ug/L	6/26/2007
8227 Edison Road	Alkalinity	129	0.65		mg CaCO3/L	4/30/2007
8227 Edison Road	Alpha, Total	1.1		U	pCi/L	4/30/2007
8227 Edison Road	Alpha-Counting Error	0.8			pCi/L	4/30/2007
8227 Edison Road	Aluminum	5	5	U	ug/L	4/30/2007
8227 Edison Road	Ammonia-N	0.026	0.01		mg N/L	4/30/2007
8227 Edison Road	Arsenic	0.5	0.5	U	ug/L	4/30/2007
8227 Edison Road	Barium	1.66	0.3		ug/L	4/30/2007
8227 Edison Road	Cadmium	0.021	0.02	I	ug/L	4/30/2007
8227 Edison Road	Chloride	5.2	0.2		mg Cl/L	4/30/2007
8227 Edison Road	Chromium	1	1	U	ug/L	4/30/2007
8227 Edison Road	Iron	556	5		ug/L	4/30/2007
8227 Edison Road	Lead	0.49	0.2	I	ug/L	4/30/2007
8227 Edison Road	Manganese	43.1	0.1		ug/L	4/30/2007
8227 Edison Road	Molybdenum	1.19	1	I	ug/L	4/30/2007
8227 Edison Road	NO2NO3-N	0.007	0.004	I	mg N/L	4/30/2007
8227 Edison Road	Organic Carbon	1	1	U	mg C/L	4/30/2007
8227 Edison Road	Radium 226	0.8			pCi/L	4/30/2007
8227 Edison Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
8227 Edison Road	Radium 228	0.8		U	pCi/L	4/30/2007
8227 Edison Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
8227 Edison Road	Selenium	0.5	0.5	U	ug/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8227 Edison Road	Sodium	3.4	0.75		mg/L	4/30/2007
8227 Edison Road	Sulfate	0.26	0.2	I	mg SO4/L	4/30/2007
8227 Edison Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
8227 Edison Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8227 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8304 Bob Wiggs Avenue	Alkalinity	115	0.65		mg CaCO3/L	5/2/2007
8304 Bob Wiggs Avenue	Alkalinity	111	0.65		mg CaCO3/L	12/5/2007
8304 Bob Wiggs Avenue	Alpha, Total	3.1			pCi/L	5/2/2007
8304 Bob Wiggs Avenue	Alpha-Counting Error	1.7			pCi/L	5/2/2007
8304 Bob Wiggs Avenue	Aluminum	10	5	I	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Ammonia-N	0.12	0.01		mg N/L	5/2/2007
8304 Bob Wiggs Avenue	Antimony	0.5	0.5	U	ug/L	12/5/2007
8304 Bob Wiggs Avenue	Arsenic	8.9	0.5		ug/L	5/2/2007
8304 Bob Wiggs Avenue	Arsenic	8.3	0.5		ug/L	12/5/2007
8304 Bob Wiggs Avenue	Barium	8.99	0.3		ug/L	5/2/2007
8304 Bob Wiggs Avenue	Bromide	0.25		U	mg/L	12/5/2007
8304 Bob Wiggs Avenue	Cadmium	0.2	0.2	U	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Calcium	28.7	0.075		mg/L	12/5/2007
8304 Bob Wiggs Avenue	Chloride	7.4	0.2		mg Cl/L	5/2/2007
8304 Bob Wiggs Avenue	Chloride	8.4	0.2		mg Cl/L	12/5/2007
8304 Bob Wiggs Avenue	Chromium	1	1	U	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Fluoride	0.63	0.05		mg F/L	12/5/2007
8304 Bob Wiggs Avenue	Iron	10	5	I	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Iron	30	30	U	ug/L	12/5/2007
8304 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	12/5/2007
8304 Bob Wiggs Avenue	Lead	0.75	0.2	I	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Magnesium	12.5	0.04		mg/L	12/5/2007
8304 Bob Wiggs Avenue	Manganese	2.4	0.1		ug/L	5/2/2007
8304 Bob Wiggs Avenue	Molybdenum	203	1.5		ug/L	5/2/2007
8304 Bob Wiggs Avenue	Molybdenum	203	0.75		ug/L	12/5/2007
8304 Bob Wiggs Avenue	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
8304 Bob Wiggs Avenue	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
8304 Bob Wiggs Avenue	Organic Carbon	1	1	U	mg C/L	5/2/2007
8304 Bob Wiggs Avenue	Potassium	0.55	0.3	I	mg/L	12/5/2007
8304 Bob Wiggs Avenue	Selenium	0.5	0.5	U	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Silica	21.9	0.25		mg/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8304 Bob Wiggs Avenue	Sodium	7	0.75		mg/L	5/2/2007
8304 Bob Wiggs Avenue	Sodium	7.2	0.5		mg/L	12/5/2007
8304 Bob Wiggs Avenue	Strontium	150	80	I	ug/L	12/5/2007
8304 Bob Wiggs Avenue	Sulfate	8.1	0.2		mg SO4/L	5/2/2007
8304 Bob Wiggs Avenue	Sulfate	8.3	0.2		mg SO4/L	12/5/2007
8304 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8304 Bob Wiggs Avenue	Sulfide	0.079	0.05	I	mg S/L	12/5/2007
8304 Bob Wiggs Avenue	Thallium	0.1	0.1	U	ug/L	5/2/2007
8304 Bob Wiggs Avenue	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8304 Bob Wiggs Avenue	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8312 Bob Wiggs Avenue	Alkalinity	115	0.65		mg CaCO3/L	5/2/2007
8312 Bob Wiggs Avenue	Alkalinity	109	0.65		mg CaCO3/L	12/5/2007
8312 Bob Wiggs Avenue	Alkalinity	114	0.65		mg CaCO3/L	4/22/2009
8312 Bob Wiggs Avenue	Alpha, Total	4.1			pCi/L	5/2/2007
8312 Bob Wiggs Avenue	Alpha-Counting Error	2.2			pCi/L	5/2/2007
8312 Bob Wiggs Avenue	Aluminum	81	5		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Aluminum	60	60	U	ug/L	4/22/2009
8312 Bob Wiggs Avenue	Ammonia-N	0.01	0.01	U	mg N/L	5/2/2007
8312 Bob Wiggs Avenue	Antimony	5.8	0.5		ug/L	12/5/2007
8312 Bob Wiggs Avenue	Antimony	8.31	0.25		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Arsenic	42.4	0.5		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Arsenic	27.7	0.5		ug/L	12/5/2007
8312 Bob Wiggs Avenue	Arsenic	31.8	0.25		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Barium	5.72	0.3		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Bromide	0.25		U	mg/L	12/5/2007
8312 Bob Wiggs Avenue	Cadmium	1.36	0.2		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Cadmium	1	1	U	ug/L	4/22/2009
8312 Bob Wiggs Avenue	Calcium	51.8	0.075		mg/L	12/5/2007
8312 Bob Wiggs Avenue	Calcium	49.8	0.075		mg/L	4/22/2009
8312 Bob Wiggs Avenue	Chloride	30	1		mg Cl/L	5/2/2007
8312 Bob Wiggs Avenue	Chloride	36	0.4		mg Cl/L	12/5/2007
8312 Bob Wiggs Avenue	Chloride	30	0.2		mg Cl/L	4/22/2009
8312 Bob Wiggs Avenue	Chromium	1	1	U	ug/L	5/2/2007
8312 Bob Wiggs Avenue	Chromium	0.3	0.3	U	ug/L	4/22/2009
8312 Bob Wiggs Avenue	Copper	0.8	0.5		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Fluoride	0.41	0.05		mg F/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8312 Bob Wiggs Avenue	Fluoride	0.45	0.05		mg F/L	4/22/2009
8312 Bob Wiggs Avenue	Iron	368	5		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Iron	140	30		ug/L	12/5/2007
8312 Bob Wiggs Avenue	Iron	140	30		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/5/2007
8312 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.093	0.08	I	mg N/L	4/22/2009
8312 Bob Wiggs Avenue	Lead	3.44	0.2		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Lead	0.44	0.2	I	ug/L	4/22/2009
8312 Bob Wiggs Avenue	Magnesium	21.9	0.04		mg/L	12/5/2007
8312 Bob Wiggs Avenue	Magnesium	21.3	0.04		mg/L	4/22/2009
8312 Bob Wiggs Avenue	Manganese	16.2	0.1		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Manganese	15.3	0.75		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Molybdenum	586	1.5		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Molybdenum	581	0.75		ug/L	12/5/2007
8312 Bob Wiggs Avenue	Molybdenum	710	0.75		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Nickel	6.08	0.25		ug/L	4/22/2009
8312 Bob Wiggs Avenue	NO2NO3-N	5.1	0.04		mg N/L	5/2/2007
8312 Bob Wiggs Avenue	NO2NO3-N	7.4	0.04		mg N/L	12/5/2007
8312 Bob Wiggs Avenue	NO2NO3-N	0.56	0.004		mg N/L	4/22/2009
8312 Bob Wiggs Avenue	Organic Carbon	1.1	1	I	mg C/L	5/2/2007
8312 Bob Wiggs Avenue	Potassium	2.91	0.3		mg/L	12/5/2007
8312 Bob Wiggs Avenue	Potassium	2.9	0.3		mg/L	4/22/2009
8312 Bob Wiggs Avenue	Selenium	2.8	0.5		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Selenium	3.02	0.2		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Silica	14.2	0.25		mg/L	12/5/2007
8312 Bob Wiggs Avenue	Silica	15.1	0.1		mg/L	4/22/2009
8312 Bob Wiggs Avenue	Sodium	8.5	0.75		mg/L	5/2/2007
8312 Bob Wiggs Avenue	Sodium	9.2	0.5		mg/L	12/5/2007
8312 Bob Wiggs Avenue	Sodium	8.7	0.5		mg/L	4/22/2009
8312 Bob Wiggs Avenue	Strontium	80	80	U	ug/L	12/5/2007
8312 Bob Wiggs Avenue	Strontium	60.5	2		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Sulfate	42	1		mg SO4/L	5/2/2007
8312 Bob Wiggs Avenue	Sulfate	49	0.4		mg SO4/L	12/5/2007
8312 Bob Wiggs Avenue	Sulfate	46	0.2		mg SO4/L	4/22/2009
8312 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8312 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	12/5/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8312 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	4/22/2009
8312 Bob Wiggs Avenue	Thallium	0.8	0.1		ug/L	5/2/2007
8312 Bob Wiggs Avenue	Total-Phosphorus	0.33	0.02		mg P/L	5/2/2007
8312 Bob Wiggs Avenue	Total-Phosphorus	0.33	0.02		mg P/L	12/5/2007
8312 Bob Wiggs Avenue	Total-Phosphorus	0.31	0.004		mg P/L	4/22/2009
8312 Bob Wiggs Avenue	Vanadium	13.5	2		ug/L	4/22/2009
8312 Bob Wiggs Avenue	Zinc	419	5		ug/L	4/22/2009
8331 Carey Road	Aluminum	60	60	U	ug/L	2/28/2008
8331 Carey Road	Boron	40	40	U	ug/L	2/28/2008
8331 Carey Road	Calcium	23.7	0.075		mg/L	2/28/2008
8331 Carey Road	Iron	30	30	U	ug/L	2/28/2008
8331 Carey Road	Magnesium	11.2	0.04		mg/L	2/28/2008
8331 Carey Road	Potassium	0.45	0.3	I	mg/L	2/28/2008
8331 Carey Road	Sodium	6.0	0.5		mg/L	2/28/2008
8331 Carey Road	Strontium	80	80	U	ug/L	2/28/2008
8331 Carey Road	Titanium	0.50	0.50	U	ug/L	2/28/2008
8331 Carey Road	Antimony	0.50	0.50	U	ug/L	2/28/2008
8331 Carey Road	Arsenic	0.74	0.50	I	ug/L	2/28/2008
8331 Carey Road	Barium	0.60	0.3	I	ug/L	2/28/2008
8331 Carey Road	Cadmium	0.040	0.2	I	ug/L	2/28/2008
8331 Carey Road	Chromium	1.0	1.0	U	ug/L	2/28/2008
8331 Carey Road	Copper	0.50	0.50	U	ug/L	2/28/2008
8331 Carey Road	Lead	0.20	0.20	U	ug/L	2/28/2008
8331 Carey Road	Molybdenum	23.6	0.75		ug/L	2/28/2008
8331 Carey Road	Selenium	16.3	0.2		ug/L	2/28/2008
8331 Carey Road	Silver	0.025	0.025	U	ug/L	2/28/2008
8331 Purvis Road	Alkalinity	139	0.65		mg CaCO3/L	5/1/2007
8331 Purvis Road	Alpha, Total	1			pCi/L	5/1/2007
8331 Purvis Road	Alpha-Counting Error	0.8			pCi/L	5/1/2007
8331 Purvis Road	Aluminum	5	5	U	ug/L	5/1/2007
8331 Purvis Road	Ammonia-N	0.19	0.01		mg N/L	5/1/2007
8331 Purvis Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8331 Purvis Road	Barium	14.5	0.3		ug/L	5/1/2007
8331 Purvis Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
8331 Purvis Road	Chloride	7.2	0.2		mg Cl/L	5/1/2007
8331 Purvis Road	Chromium	1	1	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8331 Purvis Road	Iron	5	5	U	ug/L	5/1/2007
8331 Purvis Road	Lead	0.32	0.2	I	ug/L	5/1/2007
8331 Purvis Road	Manganese	0.18	0.1	I	ug/L	5/1/2007
8331 Purvis Road	Molybdenum	0.65	0.1		ug/L	5/1/2007
8331 Purvis Road	NO2NO3-N	0.007	0.004	I	mg N/L	5/1/2007
8331 Purvis Road	Organic Carbon	11	1		mg C/L	5/1/2007
8331 Purvis Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8331 Purvis Road	Sodium	8	0.75		mg/L	5/1/2007
8331 Purvis Road	Sulfate	1.1	0.2		mg SO4/L	5/1/2007
8331 Purvis Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8331 Purvis Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8331 Purvis Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8408 Bob Wiggs Avenue	Alkalinity	107	0.65		mg CaCO3/L	12/5/2007
8408 Bob Wiggs Avenue	Alkalinity	105	0.65		mg CaCO3/L	4/22/2009
8408 Bob Wiggs Avenue	Aluminum	60	60	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Antimony	0.5	0.5	U	ug/L	12/5/2007
8408 Bob Wiggs Avenue	Antimony	0.25	0.25	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Arsenic	1.8	0.5	I	ug/L	12/5/2007
8408 Bob Wiggs Avenue	Arsenic	3.75	0.25		ug/L	4/22/2009
8408 Bob Wiggs Avenue	Bromide	0.25		U	mg/L	12/5/2007
8408 Bob Wiggs Avenue	Cadmium	1	1	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Calcium	41.7	0.075		mg/L	12/5/2007
8408 Bob Wiggs Avenue	Calcium	41.3	0.075		mg/L	4/22/2009
8408 Bob Wiggs Avenue	Chloride	34	0.2		mg Cl/L	12/5/2007
8408 Bob Wiggs Avenue	Chloride	36	0.2		mg Cl/L	4/22/2009
8408 Bob Wiggs Avenue	Chromium	0.3	0.3	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Copper	0.5	0.5	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Fluoride	0.49	0.05		mg F/L	12/5/2007
8408 Bob Wiggs Avenue	Fluoride	0.48	0.05		mg F/L	4/22/2009
8408 Bob Wiggs Avenue	Iron	110	30	I	ug/L	12/5/2007
8408 Bob Wiggs Avenue	Iron	550	30		ug/L	4/22/2009
8408 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/5/2007
8408 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.09	0.08	I	mg N/L	4/22/2009
8408 Bob Wiggs Avenue	Lead	0.28	0.2	I	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Magnesium	19.6	0.04		mg/L	12/5/2007
8408 Bob Wiggs Avenue	Magnesium	19.7	0.04		mg/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8408 Bob Wiggs Avenue	Manganese	18.8	0.75		ug/L	4/22/2009
8408 Bob Wiggs Avenue	Molybdenum	500	0.75		ug/L	12/5/2007
8408 Bob Wiggs Avenue	Molybdenum	486	0.75		ug/L	4/22/2009
8408 Bob Wiggs Avenue	Nickel	1.38	0.25		ug/L	4/22/2009
8408 Bob Wiggs Avenue	NO2NO3-N	0.073	0.004		mg N/L	12/5/2007
8408 Bob Wiggs Avenue	NO2NO3-N	0.08	0.004		mg N/L	4/22/2009
8408 Bob Wiggs Avenue	Potassium	1.21	0.3		mg/L	12/5/2007
8408 Bob Wiggs Avenue	Potassium	1.4	0.3		mg/L	4/22/2009
8408 Bob Wiggs Avenue	Selenium	0.2	0.2	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Silica	13.7	0.25		mg/L	12/5/2007
8408 Bob Wiggs Avenue	Silica	10.8	0.1		mg/L	4/22/2009
8408 Bob Wiggs Avenue	Sodium	10.2	0.5		mg/L	12/5/2007
8408 Bob Wiggs Avenue	Sodium	10.8	0.5		mg/L	4/22/2009
8408 Bob Wiggs Avenue	Strontium	80	80	U	ug/L	12/5/2007
8408 Bob Wiggs Avenue	Strontium	45.6	2		ug/L	4/22/2009
8408 Bob Wiggs Avenue	Sulfate	47	0.2		mg SO4/L	12/5/2007
8408 Bob Wiggs Avenue	Sulfate	44	0.2		mg SO4/L	4/22/2009
8408 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
8408 Bob Wiggs Avenue	Sulfide	0.05	0.05	U	mg S/L	4/22/2009
8408 Bob Wiggs Avenue	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8408 Bob Wiggs Avenue	Total-Phosphorus	0.012	0.004		mg P/L	4/22/2009
8408 Bob Wiggs Avenue	Vanadium	2	2	U	ug/L	4/22/2009
8408 Bob Wiggs Avenue	Zinc	75	5		ug/L	4/22/2009
8410 Pritcher Road	Alkalinity	148	0.65		mg CaCO3/L	4/23/2009
8410 Pritcher Road	Aluminum	69	60	I	ug/L	4/23/2009
8410 Pritcher Road	Antimony	0.25	0.25	U	ug/L	4/23/2009
8410 Pritcher Road	Arsenic	65.9	0.25		ug/L	4/23/2009
8410 Pritcher Road	Cadmium	1	1	U	ug/L	4/23/2009
8410 Pritcher Road	Calcium	33.3	0.075		mg/L	4/23/2009
8410 Pritcher Road	Chloride	9.9	0.2		mg Cl/L	4/23/2009
8410 Pritcher Road	Chromium	0.3	0.3	U	ug/L	4/23/2009
8410 Pritcher Road	Copper	25.7	0.5		ug/L	4/23/2009
8410 Pritcher Road	Fluoride	0.68	0.05		mg F/L	4/23/2009
8410 Pritcher Road	Iron	100	30	I	ug/L	4/23/2009
8410 Pritcher Road	Kjeldahl Nitrogen	0.37	0.08		mg N/L	4/23/2009
8410 Pritcher Road	Lead	0.93	0.2		ug/L	4/23/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8410 Pritcher Road	Magnesium	13.9	0.04		mg/L	4/23/2009
8410 Pritcher Road	Manganese	1.3	0.75	I	ug/L	4/23/2009
8410 Pritcher Road	Molybdenum	660	0.75		ug/L	4/23/2009
8410 Pritcher Road	Nickel	0.25	0.25	U	ug/L	4/23/2009
8410 Pritcher Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/23/2009
8410 Pritcher Road	Potassium	0.78	0.3	I	mg/L	4/23/2009
8410 Pritcher Road	Selenium	0.2	0.2	U	ug/L	4/23/2009
8410 Pritcher Road	Silica	36.5	0.1		mg/L	4/23/2009
8410 Pritcher Road	Sodium	11.1	0.5		mg/L	4/23/2009
8410 Pritcher Road	Strontium	258	2		ug/L	4/23/2009
8410 Pritcher Road	Sulfate	6.8	0.2		mg SO4/L	4/23/2009
8410 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/23/2009
8410 Pritcher Road	Total-Phosphorus	0.061	0.004		mg P/L	4/23/2009
8410 Pritcher Road	Vanadium	2	2	U	ug/L	4/23/2009
8410 Pritcher Road	Zinc	301	5		ug/L	4/23/2009
8419 Edison Road	Alkalinity	154	0.65		mg CaCO3/L	5/2/2007
8419 Edison Road	Alpha, Total	4.6			pCi/L	5/2/2007
8419 Edison Road	Alpha-Counting Error	2			pCi/L	5/2/2007
8419 Edison Road	Aluminum	5	5	U	ug/L	5/2/2007
8419 Edison Road	Ammonia-N	0.23	0.01		mg N/L	5/2/2007
8419 Edison Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
8419 Edison Road	Barium	21.1	0.3		ug/L	5/2/2007
8419 Edison Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
8419 Edison Road	Chloride	30	0.4		mg Cl/L	5/2/2007
8419 Edison Road	Chromium	1	1	U	ug/L	5/2/2007
8419 Edison Road	Iron	23	5		ug/L	5/2/2007
8419 Edison Road	Lead	0.2	0.2	U	ug/L	5/2/2007
8419 Edison Road	Manganese	0.39	0.1	I	ug/L	5/2/2007
8419 Edison Road	Molybdenum	2	2	U	ug/L	5/2/2007
8419 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/2/2007
8419 Edison Road	Organic Carbon	1.4	1	I	mg C/L	5/2/2007
8419 Edison Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8419 Edison Road	Sodium	22.3	0.75		mg/L	5/2/2007
8419 Edison Road	Sulfate	16	0.4		mg SO4/L	5/2/2007
8419 Edison Road	Sulfide	0.38	0.05		mg S/L	5/2/2007
8419 Edison Road	Thallium	0.1	0.1	U	ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8419 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8422 Southwood Oaks	Alkalinity	155	0.65		mg CaCO3/L	5/2/2007
8422 Southwood Oaks	Alpha, Total	1.5			pCi/L	5/2/2007
8422 Southwood Oaks	Alpha-Counting Error	1			pCi/L	5/2/2007
8422 Southwood Oaks	Aluminum	5.9	5	I	ug/L	5/2/2007
8422 Southwood Oaks	Ammonia-N	0.24	0.01		mg N/L	5/2/2007
8422 Southwood Oaks	Arsenic	0.5	0.5	U	ug/L	5/2/2007
8422 Southwood Oaks	Barium	25.1	0.3		ug/L	5/2/2007
8422 Southwood Oaks	Cadmium	0.02	0.02	U	ug/L	5/2/2007
8422 Southwood Oaks	Chloride	12	0.4		mg Cl/L	5/2/2007
8422 Southwood Oaks	Chromium	1	1	U	ug/L	5/2/2007
8422 Southwood Oaks	Iron	13	5	I	ug/L	5/2/2007
8422 Southwood Oaks	Lead	0.53	0.2	I	ug/L	5/2/2007
8422 Southwood Oaks	Manganese	0.18	0.1	I	ug/L	5/2/2007
8422 Southwood Oaks	Molybdenum	2	2	U	ug/L	5/2/2007
8422 Southwood Oaks	NO2NO3-N	0.006	0.004	I	mg N/L	5/2/2007
8422 Southwood Oaks	Organic Carbon	1.5	1	I	mg C/L	5/2/2007
8422 Southwood Oaks	Selenium	0.5	0.5	U	ug/L	5/2/2007
8422 Southwood Oaks	Sodium	9.6	0.75		mg/L	5/2/2007
8422 Southwood Oaks	Sulfate	21	0.4		mg SO4/L	5/2/2007
8422 Southwood Oaks	Sulfide	2.6	0.05		mg S/L	5/2/2007
8422 Southwood Oaks	Thallium	0.1	0.1	U	ug/L	5/2/2007
8422 Southwood Oaks	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8438 Bob Wiggs Avenue	Alkalinity	144	0.65		mg CaCO3/L	12/5/2007
8438 Bob Wiggs Avenue	Alkalinity	140	0.65		mg CaCO3/L	4/22/2009
8438 Bob Wiggs Avenue	Aluminum	60	60	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Antimony	0.5	0.5	U	ug/L	12/5/2007
8438 Bob Wiggs Avenue	Antimony	0.25	0.25	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Arsenic	1.1	0.5	I	ug/L	12/5/2007
8438 Bob Wiggs Avenue	Arsenic	1.3	0.25		ug/L	4/22/2009
8438 Bob Wiggs Avenue	Bromide	0.25		U	mg/L	12/5/2007
8438 Bob Wiggs Avenue	Cadmium	1	1	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Calcium	33	0.075		mg/L	12/5/2007
8438 Bob Wiggs Avenue	Calcium	30.4	0.075		mg/L	4/22/2009
8438 Bob Wiggs Avenue	Chloride	8.8	0.2		mg Cl/L	12/5/2007
8438 Bob Wiggs Avenue	Chloride	8.4	0.2		mg Cl/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8438 Bob Wiggs Avenue	Chromium	0.3	0.3	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Copper	0.72	0.5		ug/L	4/22/2009
8438 Bob Wiggs Avenue	Fluoride	0.64	0.05		mg F/L	12/5/2007
8438 Bob Wiggs Avenue	Fluoride	0.63	0.05		mg F/L	4/22/2009
8438 Bob Wiggs Avenue	Iron	30	30	U	ug/L	12/5/2007
8438 Bob Wiggs Avenue	Iron	30	30	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.2	0.08	I	mg N/L	12/5/2007
8438 Bob Wiggs Avenue	Kjeldahl Nitrogen	0.22	0.08		mg N/L	4/22/2009
8438 Bob Wiggs Avenue	Lead	0.2	0.2	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Magnesium	15	0.04		mg/L	12/5/2007
8438 Bob Wiggs Avenue	Magnesium	13.7	0.04		mg/L	4/22/2009
8438 Bob Wiggs Avenue	Manganese	1.4	0.75	I	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Molybdenum	21.8	0.15		ug/L	12/5/2007
8438 Bob Wiggs Avenue	Molybdenum	23.3	0.15		ug/L	4/22/2009
8438 Bob Wiggs Avenue	Nickel	0.25	0.25	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
8438 Bob Wiggs Avenue	NO2NO3-N	0.005	0.004	I	mg N/L	4/22/2009
8438 Bob Wiggs Avenue	Potassium	0.78	0.3	I	mg/L	12/5/2007
8438 Bob Wiggs Avenue	Potassium	0.72	0.3	I	mg/L	4/22/2009
8438 Bob Wiggs Avenue	Selenium	0.2	0.2	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Silica	27.6	0.25		mg/L	12/5/2007
8438 Bob Wiggs Avenue	Silica	27.7	0.1		mg/L	4/22/2009
8438 Bob Wiggs Avenue	Sodium	10	0.5		mg/L	12/5/2007
8438 Bob Wiggs Avenue	Sodium	9.3	0.5		mg/L	4/22/2009
8438 Bob Wiggs Avenue	Strontium	250	80	I	ug/L	12/5/2007
8438 Bob Wiggs Avenue	Strontium	197	2		ug/L	4/22/2009
8438 Bob Wiggs Avenue	Sulfate	7.9	0.2		mg SO4/L	12/5/2007
8438 Bob Wiggs Avenue	Sulfate	8.4	0.2		mg SO4/L	4/22/2009
8438 Bob Wiggs Avenue	Sulfide	0.3	0.05	A	mg S/L	12/5/2007
8438 Bob Wiggs Avenue	Sulfide	0.21	0.05		mg S/L	4/22/2009
8438 Bob Wiggs Avenue	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8438 Bob Wiggs Avenue	Total-Phosphorus	0.008	0.004	I	mg P/L	4/22/2009
8438 Bob Wiggs Avenue	Vanadium	2	2	U	ug/L	4/22/2009
8438 Bob Wiggs Avenue	Zinc	5	5	U	ug/L	4/22/2009
8506 Edison Road	Alkalinity	102	0.65		mg CaCO3/L	5/1/2007
8506 Edison Road	Alpha, Total	1.4			pCi/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8506 Edison Road	Alpha-Counting Error	0.6			pCi/L	5/1/2007
8506 Edison Road	Aluminum	5	5	U	ug/L	5/1/2007
8506 Edison Road	Ammonia-N	0.049	0.01		mg N/L	5/1/2007
8506 Edison Road	Arsenic	1.1	0.5	I	ug/L	5/1/2007
8506 Edison Road	Barium	0.97	0.3	I	ug/L	5/1/2007
8506 Edison Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
8506 Edison Road	Chloride	15	0.2		mg Cl/L	5/1/2007
8506 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
8506 Edison Road	Iron	1010	5		ug/L	5/1/2007
8506 Edison Road	Lead	0.2	0.2	U	ug/L	5/1/2007
8506 Edison Road	Manganese	31.8	0.1		ug/L	5/1/2007
8506 Edison Road	Molybdenum	0.56	0.25	I	ug/L	5/1/2007
8506 Edison Road	NO2NO3-N	0.008	0.004	I	mg N/L	5/1/2007
8506 Edison Road	Organic Carbon	1	1	I	mg C/L	5/1/2007
8506 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8506 Edison Road	Sodium	5.8	0.75		mg/L	5/1/2007
8506 Edison Road	Sulfate	0.57	0.2		mg SO4/L	5/1/2007
8506 Edison Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8506 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8506 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8506 Pritcher Road	Alkalinity	125	0.65		mg CaCO3/L	5/2/2007
8506 Pritcher Road	Alkalinity	130	0.65		mg CaCO3/L	12/4/2007
8506 Pritcher Road	Alkalinity	125	0.65		mg CaCO3/L	4/21/2009
8506 Pritcher Road	Alpha, Total	2.9			pCi/L	5/2/2007
8506 Pritcher Road	Alpha-Counting Error	1.9			pCi/L	5/2/2007
8506 Pritcher Road	Aluminum	215	5	A	ug/L	5/2/2007
8506 Pritcher Road	Aluminum	170	60	I	ug/L	4/21/2009
8506 Pritcher Road	Ammonia-N	0.082	0.01		mg N/L	5/2/2007
8506 Pritcher Road	Antimony	3	0.5		ug/L	12/4/2007
8506 Pritcher Road	Antimony	2.1	0.25		ug/L	4/21/2009
8506 Pritcher Road	Arsenic	344	15	A	ug/L	5/2/2007
8506 Pritcher Road	Arsenic	289	5		ug/L	12/4/2007
8506 Pritcher Road	Arsenic	350	1.2		ug/L	4/21/2009
8506 Pritcher Road	Barium	15.7	0.3	A	ug/L	5/2/2007
8506 Pritcher Road	Bromide	0.25		U	mg/L	12/4/2007
8506 Pritcher Road	Cadmium	3	3	U	ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8506 Pritcher Road	Cadmium	1	1	U	ug/L	4/21/2009
8506 Pritcher Road	Calcium	43.6	0.075		mg/L	12/4/2007
8506 Pritcher Road	Calcium	38.3	0.075		mg/L	4/21/2009
8506 Pritcher Road	Chloride	16	0.4		mg Cl/L	5/2/2007
8506 Pritcher Road	Chloride	16	0.2		mg Cl/L	12/4/2007
8506 Pritcher Road	Chloride	16	0.2		mg Cl/L	4/21/2009
8506 Pritcher Road	Chromium	1	1	U	ug/L	5/2/2007
8506 Pritcher Road	Chromium	0.3	0.3	U	ug/L	4/21/2009
8506 Pritcher Road	Copper	10.6	0.5		ug/L	4/21/2009
8506 Pritcher Road	Fluoride	0.62	0.05		mg F/L	12/4/2007
8506 Pritcher Road	Fluoride	0.61	0.05		mg F/L	4/21/2009
8506 Pritcher Road	Iron	68	5	A	ug/L	5/2/2007
8506 Pritcher Road	Iron	30	30	U	ug/L	12/4/2007
8506 Pritcher Road	Iron	30	30	U	ug/L	4/21/2009
8506 Pritcher Road	Kjeldahl Nitrogen	0.17	0.08	I	mg N/L	12/4/2007
8506 Pritcher Road	Kjeldahl Nitrogen	0.24	0.08		mg N/L	4/21/2009
8506 Pritcher Road	Lead	3.02	0.2	A	ug/L	5/2/2007
8506 Pritcher Road	Lead	1.36	0.2		ug/L	4/21/2009
8506 Pritcher Road	Magnesium	16.6	0.04		mg/L	12/4/2007
8506 Pritcher Road	Magnesium	14.8	0.04		mg/L	4/21/2009
8506 Pritcher Road	Manganese	1.6	0.1	A	ug/L	5/2/2007
8506 Pritcher Road	Manganese	1.3	0.75	I	ug/L	4/21/2009
8506 Pritcher Road	Molybdenum	5040	4.5	A	ug/L	5/2/2007
8506 Pritcher Road	Molybdenum	4140	7.5		ug/L	12/4/2007
8506 Pritcher Road	Molybdenum	4520	7.5		ug/L	4/21/2009
8506 Pritcher Road	Nickel	0.45	0.25	I	ug/L	4/21/2009
8506 Pritcher Road	NO2NO3-N	0.042	0.004		mg N/L	5/2/2007
8506 Pritcher Road	NO2NO3-N	0.047	0.004		mg N/L	12/4/2007
8506 Pritcher Road	NO2NO3-N	0.025	0.004		mg N/L	4/21/2009
8506 Pritcher Road	Organic Carbon	1.4	1	I	mg C/L	5/2/2007
8506 Pritcher Road	Potassium	0.73	0.3	I	mg/L	12/4/2007
8506 Pritcher Road	Potassium	0.75	0.3	I	mg/L	4/21/2009
8506 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8506 Pritcher Road	Selenium	0.2	0.2	U	ug/L	4/21/2009
8506 Pritcher Road	Silica	26.1	0.25		mg/L	12/4/2007
8506 Pritcher Road	Silica	26.6	0.1		mg/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8506 Pritcher Road	Sodium	10.3	0.75	A	mg/L	5/2/2007
8506 Pritcher Road	Sodium	10.7	0.5		mg/L	12/4/2007
8506 Pritcher Road	Sodium	9.9	0.5		mg/L	4/21/2009
8506 Pritcher Road	Strontium	250	80	I	ug/L	12/4/2007
8506 Pritcher Road	Strontium	254	2		ug/L	4/21/2009
8506 Pritcher Road	Sulfate	34	0.4		mg SO4/L	5/2/2007
8506 Pritcher Road	Sulfate	29	0.2		mg SO4/L	12/4/2007
8506 Pritcher Road	Sulfate	30	0.2		mg SO4/L	4/21/2009
8506 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8506 Pritcher Road	Sulfide	0.081	0.05	I	mg S/L	12/4/2007
8506 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
8506 Pritcher Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
8506 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8506 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8506 Pritcher Road	Total-Phosphorus	0.016	0.004		mg P/L	4/21/2009
8506 Pritcher Road	Vanadium	2	2	U	ug/L	4/21/2009
8506 Pritcher Road	Zinc	169	5		ug/L	4/21/2009
8506 Pritcher Road Dup	Alkalinity	127	0.65		mg CaCO3/L	12/4/2007
8506 Pritcher Road Dup	Antimony	3.3	0.5		ug/L	12/4/2007
8506 Pritcher Road Dup	Arsenic	335	5		ug/L	12/4/2007
8506 Pritcher Road Dup	Bromide	0.25		U	mg/L	12/4/2007
8506 Pritcher Road Dup	Calcium	43.8	0.075		mg/L	12/4/2007
8506 Pritcher Road Dup	Chloride	17	0.2		mg Cl/L	12/4/2007
8506 Pritcher Road Dup	Fluoride	0.62	0.05		mg F/L	12/4/2007
8506 Pritcher Road Dup	Iron	30	30	U	ug/L	12/4/2007
8506 Pritcher Road Dup	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	12/4/2007
8506 Pritcher Road Dup	Magnesium	16.7	0.04		mg/L	12/4/2007
8506 Pritcher Road Dup	Molybdenum	4400	7.5		ug/L	12/4/2007
8506 Pritcher Road Dup	NO2NO3-N	0.051	0.004		mg N/L	12/4/2007
8506 Pritcher Road Dup	Potassium	0.74	0.3	I	mg/L	12/4/2007
8506 Pritcher Road Dup	Silica	26.1	0.25		mg/L	12/4/2007
8506 Pritcher Road Dup	Sodium	10.5	0.5		mg/L	12/4/2007
8506 Pritcher Road Dup	Strontium	280	80	I	ug/L	12/4/2007
8506 Pritcher Road Dup	Sulfate	31	0.2		mg SO4/L	12/4/2007
8506 Pritcher Road Dup	Sulfide	0.08	0.05	I	mg S/L	12/4/2007
8506 Pritcher Road Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8519 Pritcher Road	Alkalinity	83	0.65		mg CaCO3/L	5/2/2007
8519 Pritcher Road	Alpha, Total	2.6			pCi/L	5/2/2007
8519 Pritcher Road	Alpha-Counting Error	1.3			pCi/L	5/2/2007
8519 Pritcher Road	Aluminum	83	5		ug/L	5/2/2007
8519 Pritcher Road	Ammonia-N	0.01	0.01	U	mg N/L	5/2/2007
8519 Pritcher Road	Arsenic	1.7	0.5	I	ug/L	5/2/2007
8519 Pritcher Road	Barium	3.15	0.3		ug/L	5/2/2007
8519 Pritcher Road	Cadmium	0.097	0.02		ug/L	5/2/2007
8519 Pritcher Road	Chloride	14	0.2		mg Cl/L	5/2/2007
8519 Pritcher Road	Chromium	1.1	1	I	ug/L	5/2/2007
8519 Pritcher Road	Iron	325	5		ug/L	5/2/2007
8519 Pritcher Road	Lead	0.2	0.2	U	ug/L	5/2/2007
8519 Pritcher Road	Manganese	18.4	0.1		ug/L	5/2/2007
8519 Pritcher Road	Molybdenum	2	2	U	ug/L	5/2/2007
8519 Pritcher Road	NO2NO3-N	9	0.08		mg N/L	5/2/2007
8519 Pritcher Road	Organic Carbon	1	1	U	mg C/L	5/2/2007
8519 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8519 Pritcher Road	Sodium	10.6	0.75		mg/L	5/2/2007
8519 Pritcher Road	Sulfate	4.2	0.2		mg SO4/L	5/2/2007
8519 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8519 Pritcher Road	Thallium	0.38	0.1	I	ug/L	5/2/2007
8519 Pritcher Road	Total-Phosphorus	0.37	0.02		mg P/L	5/2/2007
8520 Pritcher Road	Alkalinity	156	0.65		mg CaCO3/L	5/2/2007
8520 Pritcher Road	Alpha, Total	5.9			pCi/L	5/2/2007
8520 Pritcher Road	Alpha-Counting Error	2.1			pCi/L	5/2/2007
8520 Pritcher Road	Aluminum	5	5	U	ug/L	5/2/2007
8520 Pritcher Road	Ammonia-N	0.28	0.01		mg N/L	5/2/2007
8520 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	5/2/2007
8520 Pritcher Road	Barium	17	0.3		ug/L	5/2/2007
8520 Pritcher Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
8520 Pritcher Road	Chloride	11	0.4		mg Cl/L	5/2/2007
8520 Pritcher Road	Chromium	1	1	U	ug/L	5/2/2007
8520 Pritcher Road	Iron	5	5	U	ug/L	5/2/2007
8520 Pritcher Road	Lead	0.2	0.2	U	ug/L	5/2/2007
8520 Pritcher Road	Manganese	0.11	0.1	I	ug/L	5/2/2007
8520 Pritcher Road	Molybdenum	0.1	0.1	U	ug/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8520 Pritcher Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/2/2007
8520 Pritcher Road	Organic Carbon	1.6	1	I	mg C/L	5/2/2007
8520 Pritcher Road	Radium 226	1.8			pCi/L	5/2/2007
8520 Pritcher Road	Radium 226-Counting Error	0.4			pCi/L	5/2/2007
8520 Pritcher Road	Radium 228	0.9		U	pCi/L	5/2/2007
8520 Pritcher Road	Radium 228-Counting Error	0.5			pCi/L	5/2/2007
8520 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8520 Pritcher Road	Sodium	9.7	0.75		mg/L	5/2/2007
8520 Pritcher Road	Sulfate	12	0.4		mg SO4/L	5/2/2007
8520 Pritcher Road	Sulfide	3.4	0.05		mg S/L	5/2/2007
8520 Pritcher Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
8520 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8557 Carey Road	Alkalinity	92	0.65		mg CaCO3/L	6/26/2007
8557 Carey Road	Aluminum	5.8	5	I	ug/L	6/26/2007
8557 Carey Road	Ammonia-N	0.024	0.01		mg N/L	6/26/2007
8557 Carey Road	Arsenic	2.6	0.5	A	ug/L	6/26/2007
8557 Carey Road	Barium	1.73	0.3	A	ug/L	6/26/2007
8557 Carey Road	Cadmium	0.053	0.02	I	ug/L	6/26/2007
8557 Carey Road	Chloride	32	0.2		mg Cl/L	6/26/2007
8557 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8557 Carey Road	Fluoride	0.44	0.05		mg F/L	6/26/2007
8557 Carey Road	Iron	254	5	A	ug/L	6/26/2007
8557 Carey Road	Lead	0.38	0.2	I	ug/L	6/26/2007
8557 Carey Road	Manganese	38.2	0.1	A	ug/L	6/26/2007
8557 Carey Road	Molybdenum	89.2	0.15	AJ	ug/L	6/26/2007
8557 Carey Road	NO2NO3-N	0.009	0.004	I	mg N/L	6/26/2007
8557 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
8557 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007
8557 Carey Road	Sodium	9.5	0.75	A	mg/L	6/26/2007
8557 Carey Road	Sulfate	7.2	0.2		mg SO4/L	6/26/2007
8557 Carey Road	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
8557 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
8557 Carey Road	Total-Phosphorus	0.022	0.02	I	mg P/L	6/26/2007
8557 Carey Road	Vanadium	1	1	U	ug/L	6/26/2007
8565 Carey Road	Alkalinity	160	0.65		mg CaCO3/L	6/26/2007
8565 Carey Road	Aluminum	5	5	U	ug/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8565 Carey Road	Ammonia-N	0.28	0.01		mg N/L	6/26/2007
8565 Carey Road	Arsenic	0.5	0.5	U	ug/L	6/26/2007
8565 Carey Road	Barium	16.3	0.3		ug/L	6/26/2007
8565 Carey Road	Cadmium	0.02	0.02	U	ug/L	6/26/2007
8565 Carey Road	Chloride	11	0.2		mg Cl/L	6/26/2007
8565 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8565 Carey Road	Fluoride	0.35	0.05		mg F/L	6/26/2007
8565 Carey Road	Iron	5	5	U	ug/L	6/26/2007
8565 Carey Road	Lead	0.2	0.2	U	ug/L	6/26/2007
8565 Carey Road	Manganese	0.1	0.1	U	ug/L	6/26/2007
8565 Carey Road	Molybdenum	0.15	0.15	U	ug/L	6/26/2007
8565 Carey Road	NO2NO3-N	0.015	0.004		mg N/L	6/26/2007
8565 Carey Road	Organic Carbon	1.5	1	I	mg C/L	6/26/2007
8565 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007
8565 Carey Road	Sodium	8.8	0.75		mg/L	6/26/2007
8565 Carey Road	Sulfate	3.6	0.2		mg SO4/L	6/26/2007
8565 Carey Road	Sulfide	2.6	0.05		mg S/L	6/26/2007
8565 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
8565 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8565 Carey Road	Vanadium	1	1	U	ug/L	6/26/2007
8585 Carey Road	Alkalinity	94	0.65	A	mg CaCO3/L	6/26/2007
8585 Carey Road	Aluminum	5	5	U	ug/L	6/26/2007
8585 Carey Road	Ammonia-N	0.037	0.01	J	mg N/L	6/26/2007
8585 Carey Road	Arsenic	1.1	0.5	I	ug/L	6/26/2007
8585 Carey Road	Barium	3.52	0.3		ug/L	6/26/2007
8585 Carey Road	Cadmium	0.022	0.02	I	ug/L	6/26/2007
8585 Carey Road	Chloride	7.4	0.2		mg Cl/L	6/26/2007
8585 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8585 Carey Road	Fluoride	0.56	0.05		mg F/L	6/26/2007
8585 Carey Road	Iron	21	5		ug/L	6/26/2007
8585 Carey Road	Lead	0.2	0.2	U	ug/L	6/26/2007
8585 Carey Road	Manganese	20.1	0.1		ug/L	6/26/2007
8585 Carey Road	Molybdenum	34.5	0.15		ug/L	6/26/2007
8585 Carey Road	NO2NO3-N	0.006	0.004	I	mg N/L	6/26/2007
8585 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
8585 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8585 Carey Road	Sodium	4.5	0.75		mg/L	6/26/2007
8585 Carey Road	Sulfate	6.8	0.2		mg SO ₄ /L	6/26/2007
8585 Carey Road	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
8585 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
8585 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8585 Carey Road	Vanadium	1	1	U	ug/L	6/26/2007
8601 Pritcher Road	Alkalinity	86	0.65		mg CaCO ₃ /L	5/1/2007
8601 Pritcher Road	Alkalinity	83	0.65		mg CaCO ₃ /L	12/4/2007
8601 Pritcher Road	Alkalinity	91	0.65	A	mg CaCO ₃ /L	4/21/2009
8601 Pritcher Road	Alpha, Total	3.1			pCi/L	5/1/2007
8601 Pritcher Road	Alpha-Counting Error	1.1			pCi/L	5/1/2007
8601 Pritcher Road	Aluminum	62	5		ug/L	5/1/2007
8601 Pritcher Road	Aluminum	89	60	I	ug/L	4/21/2009
8601 Pritcher Road	Ammonia-N	0.021	0.01		mg N/L	5/1/2007
8601 Pritcher Road	Antimony	13.7	0.5		ug/L	12/4/2007
8601 Pritcher Road	Antimony	8.46	0.25		ug/L	4/21/2009
8601 Pritcher Road	Arsenic	157	0.5		ug/L	5/1/2007
8601 Pritcher Road	Arsenic	162	0.5		ug/L	12/4/2007
8601 Pritcher Road	Arsenic	166	0.25		ug/L	4/21/2009
8601 Pritcher Road	Barium	8.3	0.3		ug/L	5/1/2007
8601 Pritcher Road	Bromide	0.25		U	mg/L	12/4/2007
8601 Pritcher Road	Cadmium	0.2	0.2	U	ug/L	5/1/2007
8601 Pritcher Road	Cadmium	1	1	U	ug/L	4/21/2009
8601 Pritcher Road	Calcium	30.2	0.075		mg/L	12/4/2007
8601 Pritcher Road	Calcium	28.7	0.075		mg/L	4/21/2009
8601 Pritcher Road	Chloride	5.5	0.2		mg Cl/L	5/1/2007
8601 Pritcher Road	Chloride	6.2	0.2		mg Cl/L	12/4/2007
8601 Pritcher Road	Chloride	8.4	0.2		mg Cl/L	4/21/2009
8601 Pritcher Road	Chromium	1	1	U	ug/L	5/1/2007
8601 Pritcher Road	Chromium	0.3	0.3	U	ug/L	4/21/2009
8601 Pritcher Road	Copper	1.64	0.5		ug/L	4/21/2009
8601 Pritcher Road	Fluoride	0.48	0.05		mg F/L	12/4/2007
8601 Pritcher Road	Fluoride	0.49	0.05	A	mg F/L	4/21/2009
8601 Pritcher Road	Iron	5	5	U	ug/L	5/1/2007
8601 Pritcher Road	Iron	30	30	U	ug/L	12/4/2007
8601 Pritcher Road	Iron	30	30	U	ug/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8601 Pritcher Road	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/4/2007
8601 Pritcher Road	Kjeldahl Nitrogen	0.082	0.08	I	mg N/L	4/21/2009
8601 Pritcher Road	Lead	0.2	0.2	U	ug/L	5/1/2007
8601 Pritcher Road	Lead	0.32	0.2	I	ug/L	4/21/2009
8601 Pritcher Road	Magnesium	9.2	0.04		mg/L	12/4/2007
8601 Pritcher Road	Magnesium	10	0.04		mg/L	4/21/2009
8601 Pritcher Road	Manganese	0.56	0.1		ug/L	5/1/2007
8601 Pritcher Road	Manganese	1	0.75	I	ug/L	4/21/2009
8601 Pritcher Road	Molybdenum	1730	1		ug/L	5/1/2007
8601 Pritcher Road	Molybdenum	2020	7.5		ug/L	12/4/2007
8601 Pritcher Road	Molybdenum	2350	3		ug/L	4/21/2009
8601 Pritcher Road	Nickel	2.55	0.25		ug/L	4/21/2009
8601 Pritcher Road	NO2NO3-N	0.09	0.004		mg N/L	5/1/2007
8601 Pritcher Road	NO2NO3-N	0.22	0.004		mg N/L	12/4/2007
8601 Pritcher Road	NO2NO3-N	0.11	0.004		mg N/L	4/21/2009
8601 Pritcher Road	Organic Carbon	5.2	1		mg C/L	5/1/2007
8601 Pritcher Road	Potassium	0.46	0.3	I	mg/L	12/4/2007
8601 Pritcher Road	Potassium	0.63	0.3	I	mg/L	4/21/2009
8601 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8601 Pritcher Road	Selenium	0.27	0.2	I	ug/L	4/21/2009
8601 Pritcher Road	Silica	17.3	0.25		mg/L	12/4/2007
8601 Pritcher Road	Silica	19.3	0.1		mg/L	4/21/2009
8601 Pritcher Road	Sodium	5.1	0.75		mg/L	5/1/2007
8601 Pritcher Road	Sodium	5.3	0.5		mg/L	12/4/2007
8601 Pritcher Road	Sodium	6	0.5		mg/L	4/21/2009
8601 Pritcher Road	Strontium	96	80	I	ug/L	12/4/2007
8601 Pritcher Road	Strontium	108	2		ug/L	4/21/2009
8601 Pritcher Road	Sulfate	16	0.2		mg SO4/L	5/1/2007
8601 Pritcher Road	Sulfate	20	0.2		mg SO4/L	12/4/2007
8601 Pritcher Road	Sulfate	21	0.2		mg SO4/L	4/21/2009
8601 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8601 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
8601 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
8601 Pritcher Road	Thallium	0.38	0.1	I	ug/L	5/1/2007
8601 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8601 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8601 Pritcher Road	Total-Phosphorus	0.027	0.004		mg P/L	4/21/2009
8601 Pritcher Road	Vanadium	2.2	2	I	ug/L	4/21/2009
8601 Pritcher Road	Zinc	8.4	5	I	ug/L	4/21/2009
8601 Pritcher Road Dup	Alkalinity	84	0.65	A	mg CaCO3/L	12/4/2007
8601 Pritcher Road Dup	Antimony	13.8	0.5		ug/L	12/4/2007
8601 Pritcher Road Dup	Arsenic	163	0.5		ug/L	12/4/2007
8601 Pritcher Road Dup	Bromide	0.25		U	mg/L	12/4/2007
8601 Pritcher Road Dup	Calcium	30.3	0.075		mg/L	12/4/2007
8601 Pritcher Road Dup	Chloride	6.1	0.2		mg Cl/L	12/4/2007
8601 Pritcher Road Dup	Fluoride	0.49	0.05		mg F/L	12/4/2007
8601 Pritcher Road Dup	Iron	30	30	U	ug/L	12/4/2007
8601 Pritcher Road Dup	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/4/2007
8601 Pritcher Road Dup	Magnesium	9.3	0.04		mg/L	12/4/2007
8601 Pritcher Road Dup	Molybdenum	2000	7.5		ug/L	12/4/2007
8601 Pritcher Road Dup	NO2NO3-N	0.21	0.004		mg N/L	12/4/2007
8601 Pritcher Road Dup	Potassium	0.49	0.3	I	mg/L	12/4/2007
8601 Pritcher Road Dup	Silica	17.4	0.25		mg/L	12/4/2007
8601 Pritcher Road Dup	Sodium	5.3	0.5		mg/L	12/4/2007
8601 Pritcher Road Dup	Strontium	80	80	U	ug/L	12/4/2007
8601 Pritcher Road Dup	Sulfate	20	0.2		mg SO4/L	12/4/2007
8601 Pritcher Road Dup	Sulfide	0.05	0.05	U	mg S/L	12/4/2007
8601 Pritcher Road Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8602 Rockn T Ranch Road	Alkalinity	117	0.65		mg CaCO3/L	12/5/2007
8602 Rockn T Ranch Road	Alkalinity	109	0.65		mg CaCO3/L	4/22/2009
8602 Rockn T Ranch Road	Aluminum	60	60	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8602 Rockn T Ranch Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Arsenic	19.1	0.5	A	ug/L	12/5/2007
8602 Rockn T Ranch Road	Arsenic	32.4	0.25		ug/L	4/22/2009
8602 Rockn T Ranch Road	Bromide	0.25		U	mg/L	12/5/2007
8602 Rockn T Ranch Road	Cadmium	1	1	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Calcium	30.1	0.075	A	mg/L	12/5/2007
8602 Rockn T Ranch Road	Calcium	27.8	0.075		mg/L	4/22/2009
8602 Rockn T Ranch Road	Chloride	7.8	0.2		mg Cl/L	12/5/2007
8602 Rockn T Ranch Road	Chloride	7.6	0.2		mg Cl/L	4/22/2009
8602 Rockn T Ranch Road	Chromium	0.3	0.3	U	ug/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8602 Rockn T Ranch Road	Copper	0.5	0.5	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Fluoride	0.63	0.05		mg F/L	12/5/2007
8602 Rockn T Ranch Road	Fluoride	0.6	0.05		mg F/L	4/22/2009
8602 Rockn T Ranch Road	Iron	30	30	U	ug/L	12/5/2007
8602 Rockn T Ranch Road	Iron	30	30	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Kjeldahl Nitrogen	0.11	0.08	I	mg N/L	12/5/2007
8602 Rockn T Ranch Road	Kjeldahl Nitrogen	0.14	0.08	I	mg N/L	4/22/2009
8602 Rockn T Ranch Road	Lead	0.2	0.2	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Magnesium	12.5	0.04	A	mg/L	12/5/2007
8602 Rockn T Ranch Road	Magnesium	12.1	0.04		mg/L	4/22/2009
8602 Rockn T Ranch Road	Manganese	1.7	0.75	I	ug/L	4/22/2009
8602 Rockn T Ranch Road	Molybdenum	389	0.75	A	ug/L	12/5/2007
8602 Rockn T Ranch Road	Molybdenum	368	0.75		ug/L	4/22/2009
8602 Rockn T Ranch Road	Nickel	0.25	0.25	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
8602 Rockn T Ranch Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/22/2009
8602 Rockn T Ranch Road	Potassium	0.56	0.3	I	mg/L	12/5/2007
8602 Rockn T Ranch Road	Potassium	0.65	0.3	I	mg/L	4/22/2009
8602 Rockn T Ranch Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Silica	22.9	0.25		mg/L	12/5/2007
8602 Rockn T Ranch Road	Silica	23.3	0.1		mg/L	4/22/2009
8602 Rockn T Ranch Road	Sodium	7.6	0.5	A	mg/L	12/5/2007
8602 Rockn T Ranch Road	Sodium	7.2	0.5		mg/L	4/22/2009
8602 Rockn T Ranch Road	Strontium	170	80	I	ug/L	12/5/2007
8602 Rockn T Ranch Road	Strontium	174	2		ug/L	4/22/2009
8602 Rockn T Ranch Road	Sulfate	8.1	0.2		mg SO4/L	12/5/2007
8602 Rockn T Ranch Road	Sulfate	7.9	0.2		mg SO4/L	4/22/2009
8602 Rockn T Ranch Road	Sulfide	0.15	0.05	I	mg S/L	12/5/2007
8602 Rockn T Ranch Road	Sulfide	0.061	0.05	I	mg S/L	4/22/2009
8602 Rockn T Ranch Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8602 Rockn T Ranch Road	Total-Phosphorus	0.008	0.004	I	mg P/L	4/22/2009
8602 Rockn T Ranch Road	Vanadium	2	2	U	ug/L	4/22/2009
8602 Rockn T Ranch Road	Zinc	17	5	I	ug/L	4/22/2009
8611 County Line Road	Alkalinity	77	0.65		mg CaCO3/L	6/27/2007
8611 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8611 County Line Road	Ammonia-N	0.01	0.01	U	mg N/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8611 County Line Road	Arsenic	0.73	0.5	I	ug/L	6/27/2007
8611 County Line Road	Barium	0.3	0.3	U	ug/L	6/27/2007
8611 County Line Road	Cadmium	0.12	0.02		ug/L	6/27/2007
8611 County Line Road	Chloride	14	0.2		mg Cl/L	6/27/2007
8611 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8611 County Line Road	Fluoride	0.32	0.05		mg F/L	6/27/2007
8611 County Line Road	Iron	9.5	5	I	ug/L	6/27/2007
8611 County Line Road	Lead	1.04	0.2		ug/L	6/27/2007
8611 County Line Road	Manganese	0.99	0.1		ug/L	6/27/2007
8611 County Line Road	Molybdenum	1.56	0.15		ug/L	6/27/2007
8611 County Line Road	NO2NO3-N	3	0.04		mg N/L	6/27/2007
8611 County Line Road	Organic Carbon	1	1	U	mg C/L	6/27/2007
8611 County Line Road	Selenium	1.8	0.5	I	ug/L	6/27/2007
8611 County Line Road	Sodium	3.6	0.75		mg/L	6/27/2007
8611 County Line Road	Sulfate	1.2	0.2		mg SO4/L	6/27/2007
8611 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8611 County Line Road	Thallium	0.12	0.1	I	ug/L	6/27/2007
8611 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8611 County Line Road	Vanadium	3.6	1	I	ug/L	6/27/2007
8621 County Line Road	Alkalinity	64	0.65		mg CaCO3/L	6/27/2007
8621 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8621 County Line Road	Ammonia-N	0.011	0.01	I	mg N/L	6/27/2007
8621 County Line Road	Arsenic	0.5	0.5	U	ug/L	6/27/2007
8621 County Line Road	Barium	0.32	0.3	I	ug/L	6/27/2007
8621 County Line Road	Cadmium	0.23	0.02		ug/L	6/27/2007
8621 County Line Road	Chloride	20	0.2		mg Cl/L	6/27/2007
8621 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8621 County Line Road	Fluoride	0.28	0.05		mg F/L	6/27/2007
8621 County Line Road	Iron	13	5	I	ug/L	6/27/2007
8621 County Line Road	Lead	16.2	0.2		ug/L	6/27/2007
8621 County Line Road	Manganese	0.43	0.1		ug/L	6/27/2007
8621 County Line Road	Molybdenum	0.79	0.15		ug/L	6/27/2007
8621 County Line Road	NO2NO3-N	9	0.08		mg N/L	6/27/2007
8621 County Line Road	Organic Carbon	1	1	U	mg C/L	6/27/2007
8621 County Line Road	Selenium	1.2	0.5	I	ug/L	6/27/2007
8621 County Line Road	Sodium	5.2	0.75		mg/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8621 County Line Road	Sulfate	0.82	0.2		mg SO4/L	6/27/2007
8621 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8621 County Line Road	Thallium	0.14	0.1	I	ug/L	6/27/2007
8621 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8621 County Line Road	Vanadium	3.6	1	I	ug/L	6/27/2007
8625 Carey Road	Alkalinity	108	0.65		mg CaCO3/L	6/26/2007
8625 Carey Road	Alkalinity	109	0.65		mg CaCO3/L	12/5/2007
8625 Carey Road	Aluminum	8.3	5	I	ug/L	6/26/2007
8625 Carey Road	Ammonia-N	0.1	0.01		mg N/L	6/26/2007
8625 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8625 Carey Road	Arsenic	3	0.5		ug/L	6/26/2007
8625 Carey Road	Arsenic	2.8	0.5		ug/L	12/5/2007
8625 Carey Road	Barium	7.73	0.3		ug/L	6/26/2007
8625 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
8625 Carey Road	Cadmium	0.083	0.02		ug/L	6/26/2007
8625 Carey Road	Calcium	30.7	0.075		mg/L	12/5/2007
8625 Carey Road	Chloride	12	0.2		mg Cl/L	6/26/2007
8625 Carey Road	Chloride	12	0.2		mg Cl/L	12/5/2007
8625 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8625 Carey Road	Fluoride	0.58	0.05		mg F/L	6/26/2007
8625 Carey Road	Fluoride	0.59	0.05		mg F/L	12/5/2007
8625 Carey Road	Iron	12	5	I	ug/L	6/26/2007
8625 Carey Road	Iron	30	30	U	ug/L	12/5/2007
8625 Carey Road	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	12/5/2007
8625 Carey Road	Lead	0.48	0.2	I	ug/L	6/26/2007
8625 Carey Road	Magnesium	13.4	0.04		mg/L	12/5/2007
8625 Carey Road	Manganese	5.5	0.1		ug/L	6/26/2007
8625 Carey Road	Molybdenum	180	0.15		ug/L	6/26/2007
8625 Carey Road	Molybdenum	187	0.15		ug/L	12/5/2007
8625 Carey Road	NO2NO3-N	0.009	0.004	I	mg N/L	6/26/2007
8625 Carey Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
8625 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
8625 Carey Road	Potassium	0.55	0.3	I	mg/L	12/5/2007
8625 Carey Road	Selenium	0.5	0.5	U	ug/L	6/26/2007
8625 Carey Road	Silica	20.9	0.25		mg/L	12/5/2007
8625 Carey Road	Sodium	6.4	0.75		mg/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8625 Carey Road	Sodium	6.5	0.5		mg/L	12/5/2007
8625 Carey Road	Strontium	120	80	I	ug/L	12/5/2007
8625 Carey Road	Sulfate	12	0.2		mg SO4/L	6/26/2007
8625 Carey Road	Sulfate	14	0.2		mg SO4/L	12/5/2007
8625 Carey Road	Sulfide	0.072	0.05	I	mg S/L	6/26/2007
8625 Carey Road	Sulfide	0.1	0.05	I	mg S/L	12/5/2007
8625 Carey Road	Thallium	0.1	0.1	U	ug/L	6/26/2007
8625 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8625 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8625 Carey Road	Vanadium	1	1	U	ug/L	6/26/2007
8626 Carey Road (3" Well)	Alkalinity	150	0.65		mg CaCO3/L	6/26/2007
8626 Carey Road (3" Well)	Aluminum	5	5	U	ug/L	6/26/2007
8626 Carey Road (3" Well)	Ammonia-N	0.2	0.01		mg N/L	6/26/2007
8626 Carey Road (3" Well)	Arsenic	0.8	0.5	I	ug/L	6/26/2007
8626 Carey Road (3" Well)	Barium	4.78	0.3		ug/L	6/26/2007
8626 Carey Road (3" Well)	Cadmium	0.24	0.02		ug/L	6/26/2007
8626 Carey Road (3" Well)	Chloride	9.4	0.2		mg Cl/L	6/26/2007
8626 Carey Road (3" Well)	Chromium	1	1	U	ug/L	6/26/2007
8626 Carey Road (3" Well)	Fluoride	0.7	0.05		mg F/L	6/26/2007
8626 Carey Road (3" Well)	Iron	59	5		ug/L	6/26/2007
8626 Carey Road (3" Well)	Lead	7.56	0.2		ug/L	6/26/2007
8626 Carey Road (3" Well)	Manganese	20.2	0.1		ug/L	6/26/2007
8626 Carey Road (3" Well)	Molybdenum	31.6	0.15		ug/L	6/26/2007
8626 Carey Road (3" Well)	NO2NO3-N	0.005	0.004	I	mg N/L	6/26/2007
8626 Carey Road (3" Well)	Organic Carbon	1.4	1	I	mg C/L	6/26/2007
8626 Carey Road (3" Well)	Selenium	1.6	0.5	I	ug/L	6/26/2007
8626 Carey Road (3" Well)	Sodium	5.1	0.75		mg/L	6/26/2007
8626 Carey Road (3" Well)	Sulfate	5.7	0.2		mg SO4/L	6/26/2007
8626 Carey Road (3" Well)	Sulfide	0.25	0.05	A	mg S/L	6/26/2007
8626 Carey Road (3" Well)	Thallium	0.1	0.1	U	ug/L	6/26/2007
8626 Carey Road (3" Well)	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8626 Carey Road (3" Well)	Vanadium	1	1	U	ug/L	6/26/2007
8626 Carey Road (4" Well)	Alkalinity	107	0.65		mg CaCO3/L	6/26/2007
8626 Carey Road (4" Well)	Aluminum	5	5	U	ug/L	6/26/2007
8626 Carey Road (4" Well)	Ammonia-N	0.038	0.01		mg N/L	6/26/2007
8626 Carey Road (4" Well)	Arsenic	1.2	0.5	I	ug/L	6/26/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8626 Carey Road (4" Well)	Barium	12	0.3		ug/L	6/26/2007
8626 Carey Road (4" Well)	Cadmium	0.025	0.02	I	ug/L	6/26/2007
8626 Carey Road (4" Well)	Chloride	9.9	0.2		mg Cl/L	6/26/2007
8626 Carey Road (4" Well)	Chromium	1	1	U	ug/L	6/26/2007
8626 Carey Road (4" Well)	Fluoride	0.49	0.05		mg F/L	6/26/2007
8626 Carey Road (4" Well)	Iron	6.5	5	I	ug/L	6/26/2007
8626 Carey Road (4" Well)	Lead	1.17	0.2		ug/L	6/26/2007
8626 Carey Road (4" Well)	Manganese	0.41	0.1		ug/L	6/26/2007
8626 Carey Road (4" Well)	Molybdenum	19.1	0.15		ug/L	6/26/2007
8626 Carey Road (4" Well)	NO2NO3-N	0.006	0.004	I	mg N/L	6/26/2007
8626 Carey Road (4" Well)	Organic Carbon	1	1	U	mg C/L	6/26/2007
8626 Carey Road (4" Well)	Selenium	0.5	0.5	U	ug/L	6/26/2007
8626 Carey Road (4" Well)	Sodium	10.7	0.75		mg/L	6/26/2007
8626 Carey Road (4" Well)	Sulfate	3.9	0.2		mg SO4/L	6/26/2007
8626 Carey Road (4" Well)	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
8626 Carey Road (4" Well)	Thallium	0.1	0.1	U	ug/L	6/26/2007
8626 Carey Road (4" Well)	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8626 Carey Road (4" Well)	Vanadium	1	1	U	ug/L	6/26/2007
8635 County Line Road	Alkalinity	88	0.65		mg CaCO3/L	6/27/2007
8635 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8635 County Line Road	Ammonia-N	0.045	0.01	J	mg N/L	6/27/2007
8635 County Line Road	Arsenic	1.9	0.5	I	ug/L	6/27/2007
8635 County Line Road	Barium	4.42	0.3		ug/L	6/27/2007
8635 County Line Road	Cadmium	0.02	0.02	U	ug/L	6/27/2007
8635 County Line Road	Chloride	17	0.2		mg Cl/L	6/27/2007
8635 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8635 County Line Road	Fluoride	0.48	0.05		mg F/L	6/27/2007
8635 County Line Road	Iron	76	5		ug/L	6/27/2007
8635 County Line Road	Lead	1.05	0.2		ug/L	6/27/2007
8635 County Line Road	Manganese	12.1	0.1		ug/L	6/27/2007
8635 County Line Road	Molybdenum	8.46	0.15		ug/L	6/27/2007
8635 County Line Road	NO2NO3-N	0.008	0.004	I	mg N/L	6/27/2007
8635 County Line Road	Organic Carbon	1	1	U	mg C/L	6/27/2007
8635 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
8635 County Line Road	Sodium	4.9	0.75		mg/L	6/27/2007
8635 County Line Road	Sulfate	3.4	0.2		mg SO4/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8635 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8635 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8635 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8635 County Line Road	Vanadium	1.2	1.2	U	ug/L	6/27/2007
8644 Carey Road	Alkalinity	70	0.65		mg CaCO3/L	6/26/2007
8644 Carey Road	Aluminum	5	5	U	ug/L	6/26/2007
8644 Carey Road	Ammonia-N	0.01	0.01	U	mg N/L	6/26/2007
8644 Carey Road	Arsenic	0.5	0.5	U	ug/L	6/26/2007
8644 Carey Road	Barium	0.3	0.3	U	ug/L	6/26/2007
8644 Carey Road	Cadmium	0.02	0.02	U	ug/L	6/26/2007
8644 Carey Road	Chloride	24	0.2		mg Cl/L	6/26/2007
8644 Carey Road	Chromium	1	1	U	ug/L	6/26/2007
8644 Carey Road	Fluoride	0.36	0.05		mg F/L	6/26/2007
8644 Carey Road	Iron	22	5		ug/L	6/26/2007
8644 Carey Road	Lead	2.47	0.2		ug/L	6/26/2007
8644 Carey Road	Manganese	0.12	0.1	I	ug/L	6/26/2007
8644 Carey Road	Molybdenum	0.68	0.15		ug/L	6/26/2007
8644 Carey Road	NO2NO3-N	15	0.08		mg N/L	6/26/2007
8644 Carey Road	Organic Carbon	1	1	U	mg C/L	6/26/2007
8644 Carey Road	Selenium	3	0.5		ug/L	6/26/2007
8644 Carey Road	Sodium	7.5	0.75		mg/L	6/26/2007
8644 Carey Road	Sulfate	0.77	0.2		mg SO4/L	6/26/2007
8644 Carey Road	Sulfide	0.05	0.05	U	mg S/L	6/26/2007
8644 Carey Road	Thallium	0.13	0.1	I	ug/L	6/26/2007
8644 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/26/2007
8644 Carey Road	Vanadium	4.1	1		ug/L	6/26/2007
8704 Pritcher Road	Alkalinity	85	0.65		mg CaCO3/L	4/30/2007
8704 Pritcher Road	Alkalinity	82	0.65		mg CaCO3/L	12/3/2007
8704 Pritcher Road	Alkalinity	83	0.65		mg CaCO3/L	4/21/2009
8704 Pritcher Road	Alpha, Total	11.3			pCi/L	4/30/2007
8704 Pritcher Road	Alpha-Counting Error	1.6			pCi/L	4/30/2007
8704 Pritcher Road	Aluminum	33	5		ug/L	4/30/2007
8704 Pritcher Road	Aluminum	60	60	U	ug/L	4/21/2009
8704 Pritcher Road	Ammonia-N	0.01	0.01	U	mg N/L	4/30/2007
8704 Pritcher Road	Antimony	3.6	0.5		ug/L	12/3/2007
8704 Pritcher Road	Antimony	2.04	0.25	A	ug/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8704 Pritcher Road	Arsenic	53.8	0.5		ug/L	4/30/2007
8704 Pritcher Road	Arsenic	60.2	0.5		ug/L	12/3/2007
8704 Pritcher Road	Arsenic	36.3	0.25	A	ug/L	4/21/2009
8704 Pritcher Road	Barium	7.28	0.3		ug/L	4/30/2007
8704 Pritcher Road	Bromide	0.25		U	mg/L	12/3/2007
8704 Pritcher Road	Cadmium	0.2	0.2	U	ug/L	4/30/2007
8704 Pritcher Road	Cadmium	1	1	U	ug/L	4/21/2009
8704 Pritcher Road	Calcium	26.8	0.075		mg/L	12/3/2007
8704 Pritcher Road	Calcium	25.9	0.075	A	mg/L	4/21/2009
8704 Pritcher Road	Chloride	11	0.2		mg Cl/L	4/30/2007
8704 Pritcher Road	Chloride	11	0.2		mg Cl/L	12/3/2007
8704 Pritcher Road	Chloride	12	0.2		mg Cl/L	4/21/2009
8704 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8704 Pritcher Road	Chromium	0.3	0.3	U	ug/L	4/21/2009
8704 Pritcher Road	Copper	1.06	0.5	A	ug/L	4/21/2009
8704 Pritcher Road	Fluoride	0.48	0.05		mg F/L	12/3/2007
8704 Pritcher Road	Fluoride	0.38	0.05		mg F/L	4/21/2009
8704 Pritcher Road	Iron	5	5	U	ug/L	4/30/2007
8704 Pritcher Road	Iron	30	30	U	ug/L	12/3/2007
8704 Pritcher Road	Iron	30	30	U	ug/L	4/21/2009
8704 Pritcher Road	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/3/2007
8704 Pritcher Road	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	4/21/2009
8704 Pritcher Road	Lead	0.41	0.2	I	ug/L	4/30/2007
8704 Pritcher Road	Lead	0.2	0.2	U	ug/L	4/21/2009
8704 Pritcher Road	Magnesium	10.6	0.04		mg/L	12/3/2007
8704 Pritcher Road	Magnesium	10.6	0.04	A	mg/L	4/21/2009
8704 Pritcher Road	Manganese	0.18	0.1	I	ug/L	4/30/2007
8704 Pritcher Road	Manganese	0.75	0.75	U	ug/L	4/21/2009
8704 Pritcher Road	Molybdenum	931	1		ug/L	4/30/2007
8704 Pritcher Road	Molybdenum	1000	1.5		ug/L	12/3/2007
8704 Pritcher Road	Molybdenum	488	0.75	A	ug/L	4/21/2009
8704 Pritcher Road	Nickel	0.8	0.25	I	ug/L	4/21/2009
8704 Pritcher Road	NO2NO3-N	1.5	0.04		mg N/L	4/30/2007
8704 Pritcher Road	NO2NO3-N	1.5	0.04		mg N/L	12/3/2007
8704 Pritcher Road	NO2NO3-N	2.4	0.04		mg N/L	4/21/2009
8704 Pritcher Road	Organic Carbon	220	5		mg C/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8704 Pritcher Road	Potassium	0.65	0.3	I	mg/L	12/3/2007
8704 Pritcher Road	Potassium	0.59	0.3	I	mg/L	4/21/2009
8704 Pritcher Road	Radium 226	0.9			pCi/L	4/30/2007
8704 Pritcher Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
8704 Pritcher Road	Radium 228	0.9		U	pCi/L	4/30/2007
8704 Pritcher Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
8704 Pritcher Road	Selenium	1.4	0.5	I	ug/L	4/30/2007
8704 Pritcher Road	Selenium	2.54	0.2	A	ug/L	4/21/2009
8704 Pritcher Road	Silica	21.3	0.25		mg/L	12/3/2007
8704 Pritcher Road	Silica	17.1	0.1		mg/L	4/21/2009
8704 Pritcher Road	Sodium	4.9	0.75		mg/L	4/30/2007
8704 Pritcher Road	Sodium	5.2	0.5		mg/L	12/3/2007
8704 Pritcher Road	Sodium	4.3	0.5	A	mg/L	4/21/2009
8704 Pritcher Road	Strontium	80	80	U	ug/L	12/3/2007
8704 Pritcher Road	Strontium	70.5	2	A	ug/L	4/21/2009
8704 Pritcher Road	Sulfate	12	0.2		mg SO4/L	4/30/2007
8704 Pritcher Road	Sulfate	13	0.2		mg SO4/L	12/3/2007
8704 Pritcher Road	Sulfate	11	0.2		mg SO4/L	4/21/2009
8704 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
8704 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	12/3/2007
8704 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
8704 Pritcher Road	Thallium	0.31	0.1	I	ug/L	4/30/2007
8704 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8704 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/3/2007
8704 Pritcher Road	Total-Phosphorus	0.004	0.004	I	mg P/L	4/21/2009
8704 Pritcher Road	Vanadium	8.7	2	A	ug/L	4/21/2009
8704 Pritcher Road	Zinc	11	5	I	ug/L	4/21/2009
8707 Purvis Road	Alkalinity	170	0.65		mg CaCO3/L	5/1/2007
8707 Purvis Road	Alpha, Total	1			pCi/L	5/1/2007
8707 Purvis Road	Alpha-Counting Error	0.8			pCi/L	5/1/2007
8707 Purvis Road	Aluminum	20	20	U	ug/L	5/1/2007
8707 Purvis Road	Ammonia-N	0.22	0.01		mg N/L	5/1/2007
8707 Purvis Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8707 Purvis Road	Barium	13.3	2		ug/L	5/1/2007
8707 Purvis Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
8707 Purvis Road	Chloride	5.9	0.2		mg Cl/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8707 Purvis Road	Chromium	1	1	U	ug/L	5/1/2007
8707 Purvis Road	Iron	10	10	I	ug/L	5/1/2007
8707 Purvis Road	Lead	0.2	0.2	U	ug/L	5/1/2007
8707 Purvis Road	Manganese	2	2	U	ug/L	5/1/2007
8707 Purvis Road	Molybdenum	0.5	0.15	I	ug/L	5/1/2007
8707 Purvis Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
8707 Purvis Road	Organic Carbon	1.7	1	I	mg C/L	5/1/2007
8707 Purvis Road	Radium 226	1.2			pCi/L	5/1/2007
8707 Purvis Road	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
8707 Purvis Road	Radium 228	0.8		U	pCi/L	5/1/2007
8707 Purvis Road	Radium 228-Counting Error	0.5			pCi/L	5/1/2007
8707 Purvis Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8707 Purvis Road	Sodium	9.2	0.1		mg/L	5/1/2007
8707 Purvis Road	Sulfate	1.3	0.2		mg SO4/L	5/1/2007
8707 Purvis Road	Sulfide	0.12	0.05		mg S/L	5/1/2007
8707 Purvis Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8707 Purvis Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8709 County Line Road	Alkalinity	153	0.65		mg CaCO3/L	5/1/2007
8709 County Line Road	Alpha, Total	2.2			pCi/L	5/1/2007
8709 County Line Road	Alpha-Counting Error	1.5			pCi/L	5/1/2007
8709 County Line Road	Aluminum	5	5	U	ug/L	5/1/2007
8709 County Line Road	Ammonia-N	0.25	0.01		mg N/L	5/1/2007
8709 County Line Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8709 County Line Road	Barium	16	0.3		ug/L	5/1/2007
8709 County Line Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
8709 County Line Road	Chloride	11	0.2		mg Cl/L	5/1/2007
8709 County Line Road	Chromium	1	1	U	ug/L	5/1/2007
8709 County Line Road	Iron	5	5	U	ug/L	5/1/2007
8709 County Line Road	Lead	0.2	0.2	U	ug/L	5/1/2007
8709 County Line Road	Manganese	0.17	0.1	I	ug/L	5/1/2007
8709 County Line Road	Molybdenum	0.1	0.1	U	ug/L	5/1/2007
8709 County Line Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
8709 County Line Road	Organic Carbon	7.8	1		mg C/L	5/1/2007
8709 County Line Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8709 County Line Road	Sodium	8.7	0.75		mg/L	5/1/2007
8709 County Line Road	Sulfate	11	0.2		mg SO4/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8709 County Line Road	Sulfide	1.1	0.05		mg S/L	5/1/2007
8709 County Line Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8709 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8709 Pritcher Road	Alkalinity	80	0.65		mg CaCO3/L	5/2/2007
8709 Pritcher Road	Alpha, Total	2			pCi/L	5/2/2007
8709 Pritcher Road	Alpha-Counting Error	1.2			pCi/L	5/2/2007
8709 Pritcher Road	Aluminum	5.6	5	I	ug/L	5/2/2007
8709 Pritcher Road	Ammonia-N	0.01	0.01	U	mg N/L	5/2/2007
8709 Pritcher Road	Arsenic	1.2	0.5	I	ug/L	5/2/2007
8709 Pritcher Road	Barium	0.92	0.3	I	ug/L	5/2/2007
8709 Pritcher Road	Cadmium	0.085	0.02		ug/L	5/2/2007
8709 Pritcher Road	Chloride	11	0.2		mg Cl/L	5/2/2007
8709 Pritcher Road	Chromium	1	1	U	ug/L	5/2/2007
8709 Pritcher Road	Iron	35	5		ug/L	5/2/2007
8709 Pritcher Road	Lead	0.26	0.2	I	ug/L	5/2/2007
8709 Pritcher Road	Manganese	4.4	0.1		ug/L	5/2/2007
8709 Pritcher Road	Molybdenum	4.1	2	I	ug/L	5/2/2007
8709 Pritcher Road	NO2NO3-N	1.6	0.04		mg N/L	5/2/2007
8709 Pritcher Road	Organic Carbon	1	1	U	mg C/L	5/2/2007
8709 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/2/2007
8709 Pritcher Road	Sodium	5.8	0.75		mg/L	5/2/2007
8709 Pritcher Road	Sulfate	5	0.2		mg SO4/L	5/2/2007
8709 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8709 Pritcher Road	Thallium	0.1	0.1	U	ug/L	5/2/2007
8709 Pritcher Road	Total-Phosphorus	0.05	0.02	I	mg P/L	5/2/2007
8710 County Line Road	Alkalinity	143	0.65		mg CaCO3/L	6/27/2007
8710 County Line Road	Alkalinity	150	0.65		mg CaCO3/L	12/5/2007
8710 County Line Road	Alkalinity	163	0.65		mg CaCO3/L	4/22/2009
8710 County Line Road	Aluminum	12	5	I	ug/L	6/27/2007
8710 County Line Road	Aluminum	4440	60		ug/L	4/22/2009
8710 County Line Road	Aluminum	60	60	U	ug/L	8/20/2009
8710 County Line Road	Ammonia-N	0.13	0.01		mg N/L	6/27/2007
8710 County Line Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8710 County Line Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
8710 County Line Road	Antimony	0.25	0.25	U	ug/L	8/20/2009
8710 County Line Road	Arsenic	24.5	0.5		ug/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8710 County Line Road	Arsenic	0.61	0.5	I	ug/L	12/5/2007
8710 County Line Road	Arsenic	5.6	0.25		ug/L	4/22/2009
8710 County Line Road	Arsenic	2.72	0.25		ug/L	8/20/2009
8710 County Line Road	Barium	11.1	0.3		ug/L	6/27/2007
8710 County Line Road	Bromide	0.25		U	mg/L	12/5/2007
8710 County Line Road	Cadmium	0.084	0.02		ug/L	6/27/2007
8710 County Line Road	Cadmium	1	1	U	ug/L	4/22/2009
8710 County Line Road	Cadmium	0.039	0.030	I	ug/L	8/20/2009
8710 County Line Road	Calcium	36.1	0.075		mg/L	12/5/2007
8710 County Line Road	Calcium	44.2	0.075		mg/L	4/22/2009
8710 County Line Road	Calcium	21.3	0.075		mg/L	8/20/2009
8710 County Line Road	Chloride	9.5	0.2		mg Cl/L	6/27/2007
8710 County Line Road	Chloride	9.7	0.2		mg Cl/L	12/5/2007
8710 County Line Road	Chloride	9.7	0.2		mg Cl/L	4/22/2009
8710 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8710 County Line Road	Chromium	47.3	0.3		ug/L	4/22/2009
8710 County Line Road	Chromium	0.30	0.3	U	ug/L	8/20/2009
8710 County Line Road	Copper	18.9	0.5		ug/L	4/22/2009
8710 County Line Road	Copper	1.95	0.5		ug/L	8/20/2009
8710 County Line Road	Fluoride	0.64	0.05		mg F/L	6/27/2007
8710 County Line Road	Fluoride	0.64	0.05		mg F/L	12/5/2007
8710 County Line Road	Fluoride	0.68	0.05		mg F/L	4/22/2009
8710 County Line Road	Iron	38	5		ug/L	6/27/2007
8710 County Line Road	Iron	30	30	U	ug/L	12/5/2007
8710 County Line Road	Iron	2480	30		ug/L	4/22/2009
8710 County Line Road	Iron	150	30		ug/L	8/20/2009
8710 County Line Road	Kjeldahl Nitrogen	0.3	0.08		mg N/L	12/5/2007
8710 County Line Road	Kjeldahl Nitrogen	0.46	0.08		mg N/L	4/22/2009
8710 County Line Road	Lead	0.73	0.2	I	ug/L	6/27/2007
8710 County Line Road	Lead	0.75	0.2	I	ug/L	4/22/2009
8710 County Line Road	Lead	0.72	0.2	I	ug/L	8/20/2009
8710 County Line Road	Magnesium	15.1	0.04		mg/L	12/5/2007
8710 County Line Road	Magnesium	19	0.04		mg/L	4/22/2009
8710 County Line Road	Magnesium	9.16	0.04		mg/L	8/20/2009
8710 County Line Road	Manganese	6.8	0.1		ug/L	6/27/2007
8710 County Line Road	Manganese	8.5	0.75		ug/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8710 County Line Road	Manganese	18.6	0.75		ug/L	8/20/2009
8710 County Line Road	Molybdenum	43.1	0.15		ug/L	6/27/2007
8710 County Line Road	Molybdenum	1.81	0.15		ug/L	12/5/2007
8710 County Line Road	Molybdenum	1.83	0.15		ug/L	4/22/2009
8710 County Line Road	Molybdenum	25.2	0.15		ug/L	8/20/2009
8710 County Line Road	Nickel	4.3	0.25		ug/L	4/22/2009
8710 County Line Road	Nickel	0.26	0.25	I	ug/L	8/20/2009
8710 County Line Road	NO2NO3-N	0.4	0.004		mg N/L	6/27/2007
8710 County Line Road	NO2NO3-N	0.073	0.004		mg N/L	12/5/2007
8710 County Line Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/22/2009
8710 County Line Road	Organic Carbon	1.2	1	I	mg C/L	6/27/2007
8710 County Line Road	Potassium	0.79	0.3	I	mg/L	12/5/2007
8710 County Line Road	Potassium	1.7	0.3		mg/L	4/22/2009
8710 County Line Road	Potassium	0.54	0.3	I	mg/L	8/20/2009
8710 County Line Road	Selenium	1.4	0.5	I	ug/L	6/27/2007
8710 County Line Road	Selenium	1.26	0.2		ug/L	4/22/2009
8710 County Line Road	Selenium	10.2	0.2		ug/L	8/20/2009
8710 County Line Road	Silica	32.2	0.25		mg/L	12/5/2007
8710 County Line Road	Silica	38.5	0.1		mg/L	4/22/2009
8710 County Line Road	Sodium	10.5	0.75		mg/L	6/27/2007
8710 County Line Road	Sodium	12	0.5		mg/L	12/5/2007
8710 County Line Road	Sodium	12.6	0.5		mg/L	4/22/2009
8710 County Line Road	Sodium	3.9	0.5		mg/L	8/20/2009
8710 County Line Road	Strontium	250	80	I	ug/L	12/5/2007
8710 County Line Road	Strontium	330	2		ug/L	4/22/2009
8710 County Line Road	Strontium	28.0	2		ug/L	8/20/2009
8710 County Line Road	Sulfate	2.7	0.2		mg SO4/L	6/27/2007
8710 County Line Road	Sulfate	2.8	0.2		mg SO4/L	12/5/2007
8710 County Line Road	Sulfate	3.2	0.2		mg SO4/L	4/22/2009
8710 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8710 County Line Road	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
8710 County Line Road	Sulfide	0.05	0.05	U	mg S/L	4/22/2009
8710 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8710 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8710 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8710 County Line Road	Total-Phosphorus	1.7	0.04		mg P/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8710 County Line Road	Vanadium	1.2	1.2	U	ug/L	6/27/2007
8710 County Line Road	Vanadium	21.3	2		ug/L	4/22/2009
8710 County Line Road	Vanadium	2.0	2	U	ug/L	8/20/2009
8710 County Line Road	Zinc	1200	5		ug/L	4/22/2009
8710 County Line Road	Zinc	465	5		ug/L	8/20/2009
8710 County Line Road Dup	Alkalinity	156	0.65		mg CaCO3/L	12/5/2007
8710 County Line Road Dup	Antimony	0.5	0.5	U	ug/L	12/5/2007
8710 County Line Road Dup	Arsenic	0.6	0.5	I	ug/L	12/5/2007
8710 County Line Road Dup	Bromide	0.25		U	mg/L	12/5/2007
8710 County Line Road Dup	Calcium	35.8	0.075		mg/L	12/5/2007
8710 County Line Road Dup	Chloride	9.8	0.2		mg Cl/L	12/5/2007
8710 County Line Road Dup	Fluoride	0.67	0.05		mg F/L	12/5/2007
8710 County Line Road Dup	Iron	30	30	U	ug/L	12/5/2007
8710 County Line Road Dup	Kjeldahl Nitrogen	0.3	0.08		mg N/L	12/5/2007
8710 County Line Road Dup	Magnesium	15.4	0.04		mg/L	12/5/2007
8710 County Line Road Dup	Molybdenum	1.72	0.15		ug/L	12/5/2007
8710 County Line Road Dup	NO2NO3-N	0.009	0.004	I	mg N/L	12/5/2007
8710 County Line Road Dup	Potassium	0.8	0.3	I	mg/L	12/5/2007
8710 County Line Road Dup	Silica	32.5	0.25		mg/L	12/5/2007
8710 County Line Road Dup	Sodium	12	0.5		mg/L	12/5/2007
8710 County Line Road Dup	Strontium	250	80	I	ug/L	12/5/2007
8710 County Line Road Dup	Sulfate	3	0.2		mg SO4/L	12/5/2007
8710 County Line Road Dup	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
8710 County Line Road Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8712 County Line Road	Alkalinity	98	0.65		mg CaCO3/L	6/27/2007
8712 County Line Road	Aluminum	11	5	I	ug/L	6/27/2007
8712 County Line Road	Ammonia-N	0.015	0.01	I	mg N/L	6/27/2007
8712 County Line Road	Arsenic	4	0.5		ug/L	6/27/2007
8712 County Line Road	Barium	4.09	0.3		ug/L	6/27/2007
8712 County Line Road	Cadmium	0.27	0.02		ug/L	6/27/2007
8712 County Line Road	Chloride	9.5	0.2		mg Cl/L	6/27/2007
8712 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8712 County Line Road	Fluoride	0.43	0.05		mg F/L	6/27/2007
8712 County Line Road	Iron	1610	5		ug/L	6/27/2007
8712 County Line Road	Lead	2.88	0.2		ug/L	6/27/2007
8712 County Line Road	Manganese	20.3	0.1		ug/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8712 County Line Road	Molybdenum	63	0.15		ug/L	6/27/2007
8712 County Line Road	NO2NO3-N	0.15	0.004		mg N/L	6/27/2007
8712 County Line Road	Organic Carbon	1	1	U	mg C/L	6/27/2007
8712 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
8712 County Line Road	Sodium	3.9	0.75		mg/L	6/27/2007
8712 County Line Road	Sulfate	3.3	0.2		mg SO4/L	6/27/2007
8712 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8712 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8712 County Line Road	Total-Phosphorus	0.044	0.02	I	mg P/L	6/27/2007
8712 County Line Road	Vanadium	1	1	U	ug/L	6/27/2007
8714 County Line Road	Alkalinity	158	0.65		mg CaCO3/L	6/27/2007
8714 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8714 County Line Road	Ammonia-N	0.24	0.01		mg N/L	6/27/2007
8714 County Line Road	Arsenic	0.5	0.5	U	ug/L	6/27/2007
8714 County Line Road	Barium	16.6	0.3		ug/L	6/27/2007
8714 County Line Road	Cadmium	0.033	0.02	I	ug/L	6/27/2007
8714 County Line Road	Chloride	12	0.2		mg Cl/L	6/27/2007
8714 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8714 County Line Road	Fluoride	0.37	0.05		mg F/L	6/27/2007
8714 County Line Road	Iron	5	5	U	ug/L	6/27/2007
8714 County Line Road	Lead	1.41	0.2		ug/L	6/27/2007
8714 County Line Road	Manganese	0.13	0.1	I	ug/L	6/27/2007
8714 County Line Road	Molybdenum	0.15	0.15	U	ug/L	6/27/2007
8714 County Line Road	NO2NO3-N	0.011	0.004		mg N/L	6/27/2007
8714 County Line Road	Organic Carbon	1.4	1	I	mg C/L	6/27/2007
8714 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
8714 County Line Road	Sodium	9	0.75		mg/L	6/27/2007
8714 County Line Road	Sulfate	5.2	0.2		mg SO4/L	6/27/2007
8714 County Line Road	Sulfide	1.6	0.05		mg S/L	6/27/2007
8714 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8714 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8714 County Line Road	Vanadium	1.2	1.2	U	ug/L	6/27/2007
8720 County Line Road	Alkalinity	158	0.65		mg CaCO3/L	5/1/2007
8720 County Line Road	Alpha, Total	1.7			pCi/L	5/1/2007
8720 County Line Road	Alpha-Counting Error	0.9			pCi/L	5/1/2007
8720 County Line Road	Aluminum	5	5	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8720 County Line Road	Ammonia-N	0.27	0.01		mg N/L	5/1/2007
8720 County Line Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8720 County Line Road	Barium	16.2	0.3		ug/L	5/1/2007
8720 County Line Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
8720 County Line Road	Chloride	11	0.2		mg Cl/L	5/1/2007
8720 County Line Road	Chromium	1	1	U	ug/L	5/1/2007
8720 County Line Road	Iron	5	5	U	ug/L	5/1/2007
8720 County Line Road	Lead	0.36	0.2	I	ug/L	5/1/2007
8720 County Line Road	Manganese	0.13	0.1	I	ug/L	5/1/2007
8720 County Line Road	Molybdenum	0.1	0.1	U	ug/L	5/1/2007
8720 County Line Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
8720 County Line Road	Organic Carbon	8.6	1		mg C/L	5/1/2007
8720 County Line Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8720 County Line Road	Sodium	8.9	0.75		mg/L	5/1/2007
8720 County Line Road	Sulfate	4.9	0.2		mg SO4/L	5/1/2007
8720 County Line Road	Sulfide	2.2	0.05		mg S/L	5/1/2007
8720 County Line Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8720 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8721 County Line Road	Alkalinity	119	0.65		mg CaCO3/L	6/27/2007
8721 County Line Road	Alkalinity	123	0.65	A	mg CaCO3/L	12/5/2007
8721 County Line Road	Alkalinity	128	0.65		mg CaCO3/L	4/22/2009
8721 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8721 County Line Road	Aluminum	60	60	U	ug/L	4/22/2009
8721 County Line Road	Ammonia-N	0.11	0.01		mg N/L	6/27/2007
8721 County Line Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8721 County Line Road	Antimony	0.25	0.25	U	ug/L	4/22/2009
8721 County Line Road	Arsenic	5.3	0.5		ug/L	6/27/2007
8721 County Line Road	Arsenic	5.5	0.5		ug/L	12/5/2007
8721 County Line Road	Arsenic	4.7	0.25		ug/L	4/22/2009
8721 County Line Road	Barium	9.07	0.3		ug/L	6/27/2007
8721 County Line Road	Bromide	0.25		U	mg/L	12/5/2007
8721 County Line Road	Cadmium	0.076	0.02	I	ug/L	6/27/2007
8721 County Line Road	Cadmium	1	1	U	ug/L	4/22/2009
8721 County Line Road	Calcium	30.4	0.075		mg/L	12/5/2007
8721 County Line Road	Calcium	30.2	0.075		mg/L	4/22/2009
8721 County Line Road	Chloride	8.2	0.2		mg Cl/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8721 County Line Road	Chloride	8.2	0.2		mg Cl/L	12/5/2007
8721 County Line Road	Chloride	8.2	0.2		mg Cl/L	4/22/2009
8721 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
8721 County Line Road	Chromium	0.3	0.3	U	ug/L	4/22/2009
8721 County Line Road	Copper	1.49	0.5		ug/L	4/22/2009
8721 County Line Road	Fluoride	0.62	0.05		mg F/L	6/27/2007
8721 County Line Road	Fluoride	0.62	0.05		mg F/L	12/5/2007
8721 County Line Road	Fluoride	0.62	0.05		mg F/L	4/22/2009
8721 County Line Road	Iron	12	5	I	ug/L	6/27/2007
8721 County Line Road	Iron	30	30	U	ug/L	12/5/2007
8721 County Line Road	Iron	30	30	U	ug/L	4/22/2009
8721 County Line Road	Kjeldahl Nitrogen	0.14	0.08	I	mg N/L	12/5/2007
8721 County Line Road	Kjeldahl Nitrogen	0.19	0.08	I	mg N/L	4/22/2009
8721 County Line Road	Lead	0.66	0.2	I	ug/L	6/27/2007
8721 County Line Road	Lead	0.45	0.2	I	ug/L	4/22/2009
8721 County Line Road	Magnesium	13.3	0.04		mg/L	12/5/2007
8721 County Line Road	Magnesium	13.3	0.04		mg/L	4/22/2009
8721 County Line Road	Manganese	2.5	0.1		ug/L	6/27/2007
8721 County Line Road	Manganese	1.2	0.75	I	ug/L	4/22/2009
8721 County Line Road	Molybdenum	92.7	0.15		ug/L	6/27/2007
8721 County Line Road	Molybdenum	77.3	0.15		ug/L	12/5/2007
8721 County Line Road	Molybdenum	58.8	0.15		ug/L	4/22/2009
8721 County Line Road	Nickel	0.32	0.25	I	ug/L	4/22/2009
8721 County Line Road	NO2NO3-N	0.01	0.004	I	mg N/L	6/27/2007
8721 County Line Road	NO2NO3-N	0.011	0.004		mg N/L	12/5/2007
8721 County Line Road	NO2NO3-N	0.004	0.004	U	mg N/L	4/22/2009
8721 County Line Road	Organic Carbon	1	1	I	mg C/L	6/27/2007
8721 County Line Road	Potassium	0.57	0.3	I	mg/L	12/5/2007
8721 County Line Road	Potassium	0.72	0.3	I	mg/L	4/22/2009
8721 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
8721 County Line Road	Selenium	0.2	0.2	U	ug/L	4/22/2009
8721 County Line Road	Silica	23.1	0.25		mg/L	12/5/2007
8721 County Line Road	Silica	25.6	0.1		mg/L	4/22/2009
8721 County Line Road	Sodium	7.2	0.75		mg/L	6/27/2007
8721 County Line Road	Sodium	8.1	0.5		mg/L	12/5/2007
8721 County Line Road	Sodium	8.7	0.5		mg/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8721 County Line Road	Strontium	160	80	I	ug/L	12/5/2007
8721 County Line Road	Strontium	195	2		ug/L	4/22/2009
8721 County Line Road	Sulfate	5	0.2		mg SO4/L	6/27/2007
8721 County Line Road	Sulfate	5.6	0.2		mg SO4/L	12/5/2007
8721 County Line Road	Sulfate	5	0.2		mg SO4/L	4/22/2009
8721 County Line Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8721 County Line Road	Sulfide	0.17	0.05	I	mg S/L	12/5/2007
8721 County Line Road	Sulfide	0.37	0.05		mg S/L	4/22/2009
8721 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8721 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8721 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8721 County Line Road	Total-Phosphorus	0.007	0.004	I	mg P/L	4/22/2009
8721 County Line Road	Vanadium	1.2	1.2	U	ug/L	6/27/2007
8721 County Line Road	Vanadium	2	2	U	ug/L	4/22/2009
8721 County Line Road	Zinc	11	5	I	ug/L	4/22/2009
8726 Pritcher Road	Alkalinity	83	0.65		mg CaCO3/L	5/1/2007
8726 Pritcher Road	Alkalinity	83	0.65		mg CaCO3/L	12/3/2007
8726 Pritcher Road	Alpha, Total	1.4			pCi/L	5/1/2007
8726 Pritcher Road	Alpha-Counting Error	1			pCi/L	5/1/2007
8726 Pritcher Road	Aluminum	35	5		ug/L	5/1/2007
8726 Pritcher Road	Ammonia-N	0.091	0.01		mg N/L	5/1/2007
8726 Pritcher Road	Antimony	0.5	0.5	U	ug/L	12/3/2007
8726 Pritcher Road	Arsenic	11.9	0.5		ug/L	5/1/2007
8726 Pritcher Road	Arsenic	13.3	0.5		ug/L	12/3/2007
8726 Pritcher Road	Barium	7.49	0.3		ug/L	5/1/2007
8726 Pritcher Road	Bromide	0.25		U	mg/L	12/3/2007
8726 Pritcher Road	Cadmium	0.2	0.2	U	ug/L	5/1/2007
8726 Pritcher Road	Calcium	25.4	0.075		mg/L	12/3/2007
8726 Pritcher Road	Chloride	8.8	0.2		mg Cl/L	5/1/2007
8726 Pritcher Road	Chloride	9.4	0.2		mg Cl/L	12/3/2007
8726 Pritcher Road	Chromium	1	1	U	ug/L	5/1/2007
8726 Pritcher Road	Fluoride	0.65	0.05		mg F/L	12/3/2007
8726 Pritcher Road	Iron	29	5		ug/L	5/1/2007
8726 Pritcher Road	Iron	30	30	U	ug/L	12/3/2007
8726 Pritcher Road	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	12/3/2007
8726 Pritcher Road	Lead	0.2	0.2	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8726 Pritcher Road	Magnesium	9.6	0.04		mg/L	12/3/2007
8726 Pritcher Road	Manganese	0.98	0.1		ug/L	5/1/2007
8726 Pritcher Road	Molybdenum	718	1		ug/L	5/1/2007
8726 Pritcher Road	Molybdenum	776	1.5		ug/L	12/3/2007
8726 Pritcher Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
8726 Pritcher Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/3/2007
8726 Pritcher Road	Organic Carbon	4.8	1	I	mg C/L	5/1/2007
8726 Pritcher Road	Potassium	0.64	0.3	I	mg/L	12/3/2007
8726 Pritcher Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8726 Pritcher Road	Silica	19.4	0.25		mg/L	12/3/2007
8726 Pritcher Road	Sodium	5.8	0.75		mg/L	5/1/2007
8726 Pritcher Road	Sodium	5.9	0.5		mg/L	12/3/2007
8726 Pritcher Road	Strontium	80	80	U	ug/L	12/3/2007
8726 Pritcher Road	Sulfate	13	0.2		mg SO4/L	5/1/2007
8726 Pritcher Road	Sulfate	13	0.2		mg SO4/L	12/3/2007
8726 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8726 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	12/3/2007
8726 Pritcher Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8726 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8726 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/3/2007
8735 Griffith Lane	Antimony	0.5	0.5	U	ug/L	4/17/08
8735 Griffith Lane	Arsenic	0.5	0.5	U	ug/L	4/17/08
8735 Griffith Lane	Molybdenum	3.26	0.45		ug/L	4/17/08
8740 Griffith Lane	Alkalinity	111	0.65		mg CaCO3/L	6/27/2007
8740 Griffith Lane	Aluminum	5	5	U	ug/L	6/27/2007
8740 Griffith Lane	Ammonia-N	0.01	0.01	U	mg N/L	6/27/2007
8740 Griffith Lane	Arsenic	0.5	0.5	U	ug/L	6/27/2007
8740 Griffith Lane	Barium	1.23	0.3		ug/L	6/27/2007
8740 Griffith Lane	Cadmium	0.035	0.02	I	ug/L	6/27/2007
8740 Griffith Lane	Chloride	16	0.2		mg Cl/L	6/27/2007
8740 Griffith Lane	Chromium	1	1	U	ug/L	6/27/2007
8740 Griffith Lane	Fluoride	0.24	0.05		mg F/L	6/27/2007
8740 Griffith Lane	Iron	5	5	U	ug/L	6/27/2007
8740 Griffith Lane	Lead	7.46	0.2		ug/L	6/27/2007
8740 Griffith Lane	Manganese	0.87	0.1		ug/L	6/27/2007
8740 Griffith Lane	Molybdenum	1.28	0.15		ug/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8740 Griffith Lane	NO2NO3-N	4.3	0.04		mg N/L	6/27/2007
8740 Griffith Lane	Organic Carbon	1	1	U	mg C/L	6/27/2007
8740 Griffith Lane	Selenium	4.6	0.5		ug/L	6/27/2007
8740 Griffith Lane	Sodium	5.4	0.75		mg/L	6/27/2007
8740 Griffith Lane	Sulfate	1.1	0.2		mg SO4/L	6/27/2007
8740 Griffith Lane	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
8740 Griffith Lane	Thallium	0.41	0.1		ug/L	6/27/2007
8740 Griffith Lane	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8740 Griffith Lane	Vanadium	1.8	1	I	ug/L	6/27/2007
8802 Pritcher Road	Alkalinity	105	0.65		mg CaCO3/L	4/30/2007
8802 Pritcher Road	Alkalinity	114	0.65		mg CaCO3/L	12/4/2007
8802 Pritcher Road	Alpha, Total	2.3			pCi/L	4/30/2007
8802 Pritcher Road	Alpha-Counting Error	0.9			pCi/L	4/30/2007
8802 Pritcher Road	Aluminum	10	5	I	ug/L	4/30/2007
8802 Pritcher Road	Ammonia-N	0.12	0.01		mg N/L	4/30/2007
8802 Pritcher Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8802 Pritcher Road	Arsenic	1.6	0.5	I	ug/L	4/30/2007
8802 Pritcher Road	Arsenic	0.85	0.5	I	ug/L	12/4/2007
8802 Pritcher Road	Barium	11.6	0.3		ug/L	4/30/2007
8802 Pritcher Road	Bromide	0.25		U	mg/L	12/4/2007
8802 Pritcher Road	Cadmium	0.16	0.06	I	ug/L	4/30/2007
8802 Pritcher Road	Calcium	27.7	0.075		mg/L	12/4/2007
8802 Pritcher Road	Chloride	6.9	0.2		mg Cl/L	4/30/2007
8802 Pritcher Road	Chloride	5.9	0.2		mg Cl/L	12/4/2007
8802 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8802 Pritcher Road	Fluoride	0.68	0.05		mg F/L	12/4/2007
8802 Pritcher Road	Iron	6.2	5	I	ug/L	4/30/2007
8802 Pritcher Road	Iron	30	30	U	ug/L	12/4/2007
8802 Pritcher Road	Kjeldahl Nitrogen	0.22	0.08		mg N/L	12/4/2007
8802 Pritcher Road	Lead	0.8	0.2		ug/L	4/30/2007
8802 Pritcher Road	Magnesium	10.7	0.04		mg/L	12/4/2007
8802 Pritcher Road	Manganese	2.2	0.1		ug/L	4/30/2007
8802 Pritcher Road	Molybdenum	261	0.45		ug/L	4/30/2007
8802 Pritcher Road	Molybdenum	46.4	0.15		ug/L	12/4/2007
8802 Pritcher Road	NO2NO3-N	0.007	0.004	I	mg N/L	4/30/2007
8802 Pritcher Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8802 Pritcher Road	Organic Carbon	1.1	1	I	mg C/L	4/30/2007
8802 Pritcher Road	Potassium	0.7	0.3	I	mg/L	12/4/2007
8802 Pritcher Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8802 Pritcher Road	Silica	24.8	0.25		mg/L	12/4/2007
8802 Pritcher Road	Sodium	7.3	0.75		mg/L	4/30/2007
8802 Pritcher Road	Sodium	8.3	0.5		mg/L	12/4/2007
8802 Pritcher Road	Strontium	130	80	I	ug/L	12/4/2007
8802 Pritcher Road	Sulfate	4.4	0.2		mg SO4/L	4/30/2007
8802 Pritcher Road	Sulfate	4	0.2		mg SO4/L	12/4/2007
8802 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
8802 Pritcher Road	Sulfide	0.11	0.05	I	mg S/L	12/4/2007
8802 Pritcher Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8802 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8802 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8803 Pritcher Road	Antimony	1.6	0.5	I	ug/L	4/18/08
8803 Pritcher Road	Arsenic	60.9	0.5		ug/L	4/18/08
8803 Pritcher Road	Molybdenum	782	1		ug/L	4/18/08
8805 Pritcher Road (Well#1)	Alkalinity	89	0.65		mg CaCO3/L	5/1/2007
8805 Pritcher Road (Well#1)	Alpha, Total	4.8			pCi/L	5/1/2007
8805 Pritcher Road (Well#1)	Alpha-Counting Error	1.3			pCi/L	5/1/2007
8805 Pritcher Road (Well#1)	Aluminum	32	5		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Ammonia-N	0.022	0.01		mg N/L	5/1/2007
8805 Pritcher Road (Well#1)	Arsenic	55.2	0.5		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Barium	9.77	0.3		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Cadmium	0.2	0.2	U	ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Chloride	9.7	0.2		mg Cl/L	5/1/2007
8805 Pritcher Road (Well#1)	Chromium	1	1	U	ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Iron	52	5		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Lead	0.55	0.2	I	ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Manganese	0.91	0.1		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Molybdenum	915	1		ug/L	5/1/2007
8805 Pritcher Road (Well#1)	NO2NO3-N	0.11	0.004		mg N/L	5/1/2007
8805 Pritcher Road (Well#1)	Organic Carbon	1	1	U	mg C/L	5/1/2007
8805 Pritcher Road (Well#1)	Radium 226	1.7			pCi/L	5/1/2007
8805 Pritcher Road (Well#1)	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
8805 Pritcher Road (Well#1)	Radium 228	1		U	pCi/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8805 Pritcher Road (Well#1)	Radium 228-Counting Error	0.6			pCi/L	5/1/2007
8805 Pritcher Road (Well#1)	Selenium	0.5	0.5	U	ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Sodium	5.6	0.75		mg/L	5/1/2007
8805 Pritcher Road (Well#1)	Sulfate	14	0.2		mg SO4/L	5/1/2007
8805 Pritcher Road (Well#1)	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8805 Pritcher Road (Well#1)	Thallium	0.1	0.1	U	ug/L	5/1/2007
8805 Pritcher Road (Well#1)	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8805 Pritcher Road (Well#2)	Alkalinity	89	0.65		mg CaCO3/L	12/3/2007
8805 Pritcher Road (Well#2)	Antimony	0.5	0.5	U	ug/L	12/3/2007
8805 Pritcher Road (Well#2)	Arsenic	0.5	0.5	U	ug/L	12/3/2007
8805 Pritcher Road (Well#2)	Bromide	0.25		U	mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Calcium	22.5	0.075		mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Chloride	7.8	0.2		mg Cl/L	12/3/2007
8805 Pritcher Road (Well#2)	Fluoride	0.24	0.05		mg F/L	12/3/2007
8805 Pritcher Road (Well#2)	Iron	53	30	I	ug/L	12/3/2007
8805 Pritcher Road (Well#2)	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/3/2007
8805 Pritcher Road (Well#2)	Magnesium	10.8	0.04		mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Molybdenum	2.57	0.15		ug/L	12/3/2007
8805 Pritcher Road (Well#2)	NO2NO3-N	0.51	0.004		mg N/L	12/3/2007
8805 Pritcher Road (Well#2)	Potassium	0.48	0.3	I	mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Silica	16.1	0.25	A	mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Sodium	3.4	0.5		mg/L	12/3/2007
8805 Pritcher Road (Well#2)	Strontium	80	80	U	ug/L	12/3/2007
8805 Pritcher Road (Well#2)	Sulfate	1.8	0.2		mg SO4/L	12/3/2007
8805 Pritcher Road (Well#2)	Sulfide	0.05	0.05	U	mg S/L	12/3/2007
8805 Pritcher Road (Well#2)	Total-Phosphorus	0.02	0.02	U	mg P/L	12/3/2007
8818 Pritcher Road	Alkalinity	96	0.65		mg CaCO3/L	4/30/2007
8818 Pritcher Road	Alkalinity	154	0.65		mg CaCO3/L	12/4/2007
8818 Pritcher Road	Alpha, Total	1.6			pCi/L	4/30/2007
8818 Pritcher Road	Alpha-Counting Error	0.8			pCi/L	4/30/2007
8818 Pritcher Road	Aluminum	8.7	5	I	ug/L	4/30/2007
8818 Pritcher Road	Ammonia-N	0.093	0.01		mg N/L	4/30/2007
8818 Pritcher Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8818 Pritcher Road	Arsenic	7.7	0.5		ug/L	4/30/2007
8818 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	12/4/2007
8818 Pritcher Road	Barium	7.39	0.3		ug/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
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Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8818 Pritcher Road	Bromide	0.25		U	mg/L	12/4/2007
8818 Pritcher Road	Cadmium	0.14	0.06	I	ug/L	4/30/2007
8818 Pritcher Road	Calcium	43.1	0.075		mg/L	12/4/2007
8818 Pritcher Road	Chloride	6.4	0.2		mg Cl/L	4/30/2007
8818 Pritcher Road	Chloride	12	0.2		mg Cl/L	12/4/2007
8818 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8818 Pritcher Road	Fluoride	0.42	0.05		mg F/L	12/4/2007
8818 Pritcher Road	Iron	5.5	5	I	ug/L	4/30/2007
8818 Pritcher Road	Iron	30	30	U	ug/L	12/4/2007
8818 Pritcher Road	Kjeldahl Nitrogen	0.36	0.08		mg N/L	12/4/2007
8818 Pritcher Road	Lead	0.28	0.2	I	ug/L	4/30/2007
8818 Pritcher Road	Magnesium	15.3	0.04		mg/L	12/4/2007
8818 Pritcher Road	Manganese	3.7	0.1		ug/L	4/30/2007
8818 Pritcher Road	Molybdenum	194	0.45		ug/L	4/30/2007
8818 Pritcher Road	Molybdenum	5.6	0.15		ug/L	12/4/2007
8818 Pritcher Road	NO2NO3-N	0.006	0.004	I	mg N/L	4/30/2007
8818 Pritcher Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
8818 Pritcher Road	Organic Carbon	2.5	1	I	mg C/L	4/30/2007
8818 Pritcher Road	Potassium	0.73	0.3	I	mg/L	12/4/2007
8818 Pritcher Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8818 Pritcher Road	Silica	25.2	0.25	A	mg/L	12/4/2007
8818 Pritcher Road	Sodium	4.9	0.75		mg/L	4/30/2007
8818 Pritcher Road	Sodium	10.1	0.5		mg/L	12/4/2007
8818 Pritcher Road	Strontium	420	80		ug/L	12/4/2007
8818 Pritcher Road	Sulfate	4.4	0.2		mg SO4/L	4/30/2007
8818 Pritcher Road	Sulfate	9.2	0.2		mg SO4/L	12/4/2007
8818 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007
8818 Pritcher Road	Sulfide	2.4	0.05		mg S/L	12/4/2007
8818 Pritcher Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8818 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8818 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8834 Carey Road	Alkalinity	102	0.65		mg CaCO3/L	5/2/2007
8834 Carey Road	Alkalinity	101	0.65		mg CaCO3/L	12/5/2007
8834 Carey Road	Alkalinity	103	0.65		mg CaCO3/L	4/22/2009
8834 Carey Road	Alpha, Total	2.2			pCi/L	5/2/2007
8834 Carey Road	Alpha-Counting Error	0.9			pCi/L	5/2/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8834 Carey Road	Aluminum	7	5	I	ug/L	5/2/2007
8834 Carey Road	Aluminum	60	60	U	ug/L	4/22/2009
8834 Carey Road	Ammonia-N	0.053	0.01		mg N/L	5/2/2007
8834 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8834 Carey Road	Antimony	0.27	0.25	I	ug/L	4/22/2009
8834 Carey Road	Arsenic	6.5	0.5		ug/L	5/2/2007
8834 Carey Road	Arsenic	6.7	0.5		ug/L	12/5/2007
8834 Carey Road	Arsenic	6.89	0.25		ug/L	4/22/2009
8834 Carey Road	Barium	1.72	0.3		ug/L	5/2/2007
8834 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
8834 Carey Road	Cadmium	0.02	0.02	U	ug/L	5/2/2007
8834 Carey Road	Cadmium	1	1	U	ug/L	4/22/2009
8834 Carey Road	Calcium	33.3	0.075		mg/L	12/5/2007
8834 Carey Road	Calcium	31.9	0.075		mg/L	4/22/2009
8834 Carey Road	Chloride	19	0.2		mg Cl/L	5/2/2007
8834 Carey Road	Chloride	20	0.2		mg Cl/L	12/5/2007
8834 Carey Road	Chloride	20	0.2		mg Cl/L	4/22/2009
8834 Carey Road	Chromium	1	1	U	ug/L	5/2/2007
8834 Carey Road	Chromium	0.3	0.3	U	ug/L	4/22/2009
8834 Carey Road	Copper	0.5	0.5	U	ug/L	4/22/2009
8834 Carey Road	Fluoride	0.41	0.05		mg F/L	12/5/2007
8834 Carey Road	Fluoride	0.42	0.05		mg F/L	4/22/2009
8834 Carey Road	Iron	108	5		ug/L	5/2/2007
8834 Carey Road	Iron	84	30	I	ug/L	12/5/2007
8834 Carey Road	Iron	41	30	I	ug/L	4/22/2009
8834 Carey Road	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	12/5/2007
8834 Carey Road	Kjeldahl Nitrogen	0.12	0.08	I	mg N/L	4/22/2009
8834 Carey Road	Lead	0.2	0.2	U	ug/L	5/2/2007
8834 Carey Road	Lead	0.2	0.2	U	ug/L	4/22/2009
8834 Carey Road	Magnesium	13.5	0.04		mg/L	12/5/2007
8834 Carey Road	Magnesium	12.9	0.04		mg/L	4/22/2009
8834 Carey Road	Manganese	32	0.1		ug/L	5/2/2007
8834 Carey Road	Manganese	28.5	0.75		ug/L	4/22/2009
8834 Carey Road	Molybdenum	122	0.1		ug/L	5/2/2007
8834 Carey Road	Molybdenum	118	0.15		ug/L	12/5/2007
8834 Carey Road	Molybdenum	97	0.15		ug/L	4/22/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8834 Carey Road	Nickel	1.89	0.25		ug/L	4/22/2009
8834 Carey Road	NO2NO3-N	0.39	0.004		mg N/L	5/2/2007
8834 Carey Road	NO2NO3-N	0.27	0.004		mg N/L	12/5/2007
8834 Carey Road	NO2NO3-N	0.088	0.004		mg N/L	4/22/2009
8834 Carey Road	Organic Carbon	1	1	I	mg C/L	5/2/2007
8834 Carey Road	Potassium	1.18	0.3	I	mg/L	12/5/2007
8834 Carey Road	Potassium	1.1	0.3	I	mg/L	4/22/2009
8834 Carey Road	Selenium	0.76	0.5	I	ug/L	5/2/2007
8834 Carey Road	Selenium	0.5	0.2	I	ug/L	4/22/2009
8834 Carey Road	Silica	13.3	0.25		mg/L	12/5/2007
8834 Carey Road	Silica	13.9	0.1		mg/L	4/22/2009
8834 Carey Road	Sodium	5.8	0.75		mg/L	5/2/2007
8834 Carey Road	Sodium	6	0.5		mg/L	12/5/2007
8834 Carey Road	Sodium	5.8	0.5		mg/L	4/22/2009
8834 Carey Road	Strontium	80	80	U	ug/L	12/5/2007
8834 Carey Road	Strontium	35	2		ug/L	4/22/2009
8834 Carey Road	Sulfate	18	0.2		mg SO4/L	5/2/2007
8834 Carey Road	Sulfate	18	0.2		mg SO4/L	12/5/2007
8834 Carey Road	Sulfate	16	0.2		mg SO4/L	4/22/2009
8834 Carey Road	Sulfide	0.05	0.05	U	mg S/L	5/2/2007
8834 Carey Road	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
8834 Carey Road	Sulfide	0.05	0.05	U	mg S/L	4/22/2009
8834 Carey Road	Thallium	0.17	0.1	I	ug/L	5/2/2007
8834 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/2/2007
8834 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
8834 Carey Road	Total-Phosphorus	0.026	0.004		mg P/L	4/22/2009
8834 Carey Road	Vanadium	2	2	U	ug/L	4/22/2009
8834 Carey Road	Zinc	37	5		ug/L	4/22/2009
8839 County Line Road	Alkalinity	159	0.65		mg CaCO3/L	6/27/2007
8839 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
8839 County Line Road	Ammonia-N	0.24	0.01		mg N/L	6/27/2007
8839 County Line Road	Arsenic	0.5	0.5	U	ug/L	6/27/2007
8839 County Line Road	Barium	15.9	0.3		ug/L	6/27/2007
8839 County Line Road	Cadmium	0.02	0.02	U	ug/L	6/27/2007
8839 County Line Road	Chloride	11	0.2		mg Cl/L	6/27/2007
8839 County Line Road	Chromium	1	1	U	ug/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8839 County Line Road	Fluoride	0.37	0.05		mg F/L	6/27/2007
8839 County Line Road	Iron	5	5	U	ug/L	6/27/2007
8839 County Line Road	Lead	0.2	0.2	U	ug/L	6/27/2007
8839 County Line Road	Manganese	0.1	0.1	U	ug/L	6/27/2007
8839 County Line Road	Molybdenum	0.52	0.15	I	ug/L	6/27/2007
8839 County Line Road	NO2NO3-N	0.004	0.004	U	mg N/L	6/27/2007
8839 County Line Road	Organic Carbon	1.2	1	I	mg C/L	6/27/2007
8839 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
8839 County Line Road	Sodium	8.7	0.75		mg/L	6/27/2007
8839 County Line Road	Sulfate	5.5	0.2		mg SO4/L	6/27/2007
8839 County Line Road	Sulfide	2.3	0.05		mg S/L	6/27/2007
8839 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
8839 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
8839 County Line Road	Vanadium	1	1	U	ug/L	6/27/2007
8902 Carey Road	Alkalinity	112	0.65		mg CaCO3/L	12/5/2007
8902 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
8902 Carey Road	Arsenic	0.5	0.5	U	ug/L	12/5/2007
8902 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
8902 Carey Road	Calcium	28.2	0.075		mg/L	12/5/2007
8902 Carey Road	Chloride	13	0.2		mg Cl/L	12/5/2007
8902 Carey Road	Fluoride	0.36	0.05		mg F/L	12/5/2007
8902 Carey Road	Iron	1120	30		ug/L	12/5/2007
8902 Carey Road	Kjeldahl Nitrogen	0.08	0.08	U	mg N/L	12/5/2007
8902 Carey Road	Magnesium	13.5	0.04		mg/L	12/5/2007
8902 Carey Road	Molybdenum	1.01	0.15		ug/L	12/5/2007
8902 Carey Road	NO2NO3-N	0.007	0.004	I	mg N/L	12/5/2007
8902 Carey Road	Potassium	0.55	0.3	I	mg/L	12/5/2007
8902 Carey Road	Silica	16.9	0.25		mg/L	12/5/2007
8902 Carey Road	Sodium	5	0.5		mg/L	12/5/2007
8902 Carey Road	Strontium	80	80	U	ug/L	12/5/2007
8902 Carey Road	Sulfate	6.2	0.2		mg SO4/L	12/5/2007
8902 Carey Road	Sulfide	0.05	0.05	U	mg S/L	12/5/2007
8902 Carey Road	Total-Phosphorus	0.067	0.02		mg P/L	12/5/2007
8902 Pritcher Road	Alkalinity	154	0.65		mg CaCO3/L	4/30/2007
8902 Pritcher Road	Alpha, Total	2.4			pCi/L	4/30/2007
8902 Pritcher Road	Alpha-Counting Error	0.8			pCi/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8902 Pritcher Road	Aluminum	5	5	U	ug/L	4/30/2007
8902 Pritcher Road	Ammonia-N	0.28	0.01		mg N/L	4/30/2007
8902 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	4/30/2007
8902 Pritcher Road	Barium	16	0.3		ug/L	4/30/2007
8902 Pritcher Road	Cadmium	0.02	0.02	U	ug/L	4/30/2007
8902 Pritcher Road	Chloride	11	0.4		mg Cl/L	4/30/2007
8902 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8902 Pritcher Road	Iron	13	5	I	ug/L	4/30/2007
8902 Pritcher Road	Lead	0.51	0.2	I	ug/L	4/30/2007
8902 Pritcher Road	Manganese	0.41	0.1		ug/L	4/30/2007
8902 Pritcher Road	Molybdenum	6.2	0.1		ug/L	4/30/2007
8902 Pritcher Road	NO2NO3-N	0.006	0.004	I	mg N/L	4/30/2007
8902 Pritcher Road	Organic Carbon	1.3	1	I	mg C/L	4/30/2007
8902 Pritcher Road	Radium 226	1.5			pCi/L	4/30/2007
8902 Pritcher Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
8902 Pritcher Road	Radium 228	0.8		U	pCi/L	4/30/2007
8902 Pritcher Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
8902 Pritcher Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8902 Pritcher Road	Sodium	9.4	0.75		mg/L	4/30/2007
8902 Pritcher Road	Sulfate	8.5	0.4		mg SO4/L	4/30/2007
8902 Pritcher Road	Sulfide	0.71	0.05		mg S/L	4/30/2007
8902 Pritcher Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8902 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8903 County Line Road	Alkalinity	152	0.65		mg CaCO3/L	5/1/2007
8903 County Line Road	Alpha, Total	2.9			pCi/L	5/1/2007
8903 County Line Road	Alpha-Counting Error	1.3			pCi/L	5/1/2007
8903 County Line Road	Aluminum	5	5	U	ug/L	5/1/2007
8903 County Line Road	Ammonia-N	0.23	0.01		mg N/L	5/1/2007
8903 County Line Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8903 County Line Road	Barium	15.4	0.3		ug/L	5/1/2007
8903 County Line Road	Cadmium	0.02	0.02	U	ug/L	5/1/2007
8903 County Line Road	Chloride	10	0.4		mg Cl/L	5/1/2007
8903 County Line Road	Chromium	1	1	U	ug/L	5/1/2007
8903 County Line Road	Iron	9.5	5	I	ug/L	5/1/2007
8903 County Line Road	Lead	0.4	0.2	I	ug/L	5/1/2007
8903 County Line Road	Manganese	0.16	0.1	I	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8903 County Line Road	Molybdenum	0.14	0.1	I	ug/L	5/1/2007
8903 County Line Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
8903 County Line Road	Organic Carbon	11	1		mg C/L	5/1/2007
8903 County Line Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
8903 County Line Road	Sodium	9.1	0.75		mg/L	5/1/2007
8903 County Line Road	Sulfate	13	0.4		mg SO4/L	5/1/2007
8903 County Line Road	Sulfide	0.16	0.05		mg S/L	5/1/2007
8903 County Line Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
8903 County Line Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8906 Pritcher Road	Alkalinity	90	0.65		mg CaCO3/L	5/1/2007
8906 Pritcher Road	Alpha, Total	1			pCi/L	5/1/2007
8906 Pritcher Road	Alpha-Counting Error	0.5			pCi/L	5/1/2007
8906 Pritcher Road	Aluminum	5	5	U	ug/L	5/1/2007
8906 Pritcher Road	Ammonia-N	0.01	0.01	U	mg N/L	5/1/2007
8906 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
8906 Pritcher Road	Barium	0.4	0.3	I	ug/L	5/1/2007
8906 Pritcher Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
8906 Pritcher Road	Chloride	7.3	0.2		mg Cl/L	5/1/2007
8906 Pritcher Road	Chromium	1	1	U	ug/L	5/1/2007
8906 Pritcher Road	Iron	41	5		ug/L	5/1/2007
8906 Pritcher Road	Lead	0.22	0.2	I	ug/L	5/1/2007
8906 Pritcher Road	Manganese	5.1	0.1		ug/L	5/1/2007
8906 Pritcher Road	Molybdenum	2.3	0.1		ug/L	5/1/2007
8906 Pritcher Road	NO2NO3-N	0.52	0.004		mg N/L	5/1/2007
8906 Pritcher Road	Organic Carbon	1	1	U	mg C/L	5/1/2007
8906 Pritcher Road	Selenium	8.8	0.5		ug/L	5/1/2007
8906 Pritcher Road	Sodium	3.2	0.75		mg/L	5/1/2007
8906 Pritcher Road	Sulfate	1.3	0.2		mg SO4/L	5/1/2007
8906 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
8906 Pritcher Road	Thallium	0.61	0.1		ug/L	5/1/2007
8906 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
8910 Pritcher Road	Alkalinity	113	0.65		mg CaCO3/L	4/30/2007
8910 Pritcher Road	Alkalinity	155	0.65		mg CaCO3/L	12/4/2007
8910 Pritcher Road	Alpha, Total	1.8			pCi/L	4/30/2007
8910 Pritcher Road	Alpha-Counting Error	0.8			pCi/L	4/30/2007
8910 Pritcher Road	Aluminum	5	5	U	ug/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8910 Pritcher Road	Ammonia-N	0.18	0.01		mg N/L	4/30/2007
8910 Pritcher Road	Antimony	0.5	0.5	U	ug/L	12/4/2007
8910 Pritcher Road	Arsenic	0.96	0.5	I	ug/L	4/30/2007
8910 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	12/4/2007
8910 Pritcher Road	Barium	14.5	0.3		ug/L	4/30/2007
8910 Pritcher Road	Bromide	0.25		U	mg/L	12/4/2007
8910 Pritcher Road	Cadmium	0.032	0.02	I	ug/L	4/30/2007
8910 Pritcher Road	Calcium	43.2	0.075		mg/L	12/4/2007
8910 Pritcher Road	Chloride	5.4	0.2		mg Cl/L	4/30/2007
8910 Pritcher Road	Chloride	12	0.2		mg Cl/L	12/4/2007
8910 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8910 Pritcher Road	Fluoride	0.42	0.05		mg F/L	12/4/2007
8910 Pritcher Road	Iron	6.8	5	I	ug/L	4/30/2007
8910 Pritcher Road	Iron	30	30	U	ug/L	12/4/2007
8910 Pritcher Road	Kjeldahl Nitrogen	0.34	0.08		mg N/L	12/4/2007
8910 Pritcher Road	Lead	0.2	0.2	U	ug/L	4/30/2007
8910 Pritcher Road	Magnesium	14.8	0.04		mg/L	12/4/2007
8910 Pritcher Road	Manganese	0.53	0.1		ug/L	4/30/2007
8910 Pritcher Road	Molybdenum	47.3	0.1		ug/L	4/30/2007
8910 Pritcher Road	Molybdenum	6.74	0.15		ug/L	12/4/2007
8910 Pritcher Road	NO2NO3-N	0.009	0.004	I	mg N/L	4/30/2007
8910 Pritcher Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
8910 Pritcher Road	Organic Carbon	1.1	1	I	mg C/L	4/30/2007
8910 Pritcher Road	Potassium	0.8	0.3	I	mg/L	12/4/2007
8910 Pritcher Road	Radium 226	0.9			pCi/L	4/30/2007
8910 Pritcher Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
8910 Pritcher Road	Radium 228	0.8		U	pCi/L	4/30/2007
8910 Pritcher Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
8910 Pritcher Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8910 Pritcher Road	Silica	24.3	0.25		mg/L	12/4/2007
8910 Pritcher Road	Sodium	8.1	0.75		mg/L	4/30/2007
8910 Pritcher Road	Sodium	10	0.5		mg/L	12/4/2007
8910 Pritcher Road	Strontium	400	80		ug/L	12/4/2007
8910 Pritcher Road	Sulfate	3.2	0.2		mg SO4/L	4/30/2007
8910 Pritcher Road	Sulfate	9.2	0.2		mg SO4/L	12/4/2007
8910 Pritcher Road	Sulfide	0.05	0.05	U	mg S/L	4/30/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
8910 Pritcher Road	Sulfide	2.4	0.05		mg S/L	12/4/2007
8910 Pritcher Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8910 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
8910 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
8914 Pritcher Road	Alkalinity	138	0.65		mg CaCO3/L	4/30/2007
8914 Pritcher Road	Alpha, Total	1.3		U	pCi/L	4/30/2007
8914 Pritcher Road	Alpha-Counting Error	0.9			pCi/L	4/30/2007
8914 Pritcher Road	Aluminum	5	5	U	ug/L	4/30/2007
8914 Pritcher Road	Ammonia-N	0.23	0.01		mg N/L	4/30/2007
8914 Pritcher Road	Arsenic	0.5	0.5	U	ug/L	4/30/2007
8914 Pritcher Road	Barium	15.9	0.3		ug/L	4/30/2007
8914 Pritcher Road	Cadmium	0.021	0.02	I	ug/L	4/30/2007
8914 Pritcher Road	Chloride	11	0.4		mg Cl/L	4/30/2007
8914 Pritcher Road	Chromium	1	1	U	ug/L	4/30/2007
8914 Pritcher Road	Iron	12	5	I	ug/L	4/30/2007
8914 Pritcher Road	Lead	0.2	0.2	U	ug/L	4/30/2007
8914 Pritcher Road	Manganese	0.39	0.1	I	ug/L	4/30/2007
8914 Pritcher Road	Molybdenum	6.52	0.15		ug/L	4/30/2007
8914 Pritcher Road	NO2NO3-N	0.006	0.004	I	mg N/L	4/30/2007
8914 Pritcher Road	Organic Carbon	1.3	1	I	mg C/L	4/30/2007
8914 Pritcher Road	Radium 226	1.2			pCi/L	4/30/2007
8914 Pritcher Road	Radium 226-Counting Error	0.3			pCi/L	4/30/2007
8914 Pritcher Road	Radium 228	0.8		U	pCi/L	4/30/2007
8914 Pritcher Road	Radium 228-Counting Error	0.5			pCi/L	4/30/2007
8914 Pritcher Road	Selenium	0.5	0.5	U	ug/L	4/30/2007
8914 Pritcher Road	Sodium	9.4	0.75		mg/L	4/30/2007
8914 Pritcher Road	Sulfate	8.4	0.4		mg SO4/L	4/30/2007
8914 Pritcher Road	Sulfide	1.1	0.05		mg S/L	4/30/2007
8914 Pritcher Road	Thallium	0.1	0.1	U	ug/L	4/30/2007
8914 Pritcher Road	Total-Phosphorus	0.02	0.02	U	mg P/L	4/30/2007
9007 Carey Road	Alkalinity	147	0.65		mg CaCO3/L	5/1/2007
9007 Carey Road	Alkalinity	147	0.65		mg CaCO3/L	12/5/2007
9007 Carey Road	Alpha, Total	1.5			pCi/L	5/1/2007
9007 Carey Road	Alpha-Counting Error	0.7			pCi/L	5/1/2007
9007 Carey Road	Aluminum	5	5	U	ug/L	5/1/2007
9007 Carey Road	Ammonia-N	0.27	0.01		mg N/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
9007 Carey Road	Antimony	0.5	0.5	U	ug/L	12/5/2007
9007 Carey Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
9007 Carey Road	Arsenic	0.5	0.5	U	ug/L	12/5/2007
9007 Carey Road	Barium	14.2	0.3		ug/L	5/1/2007
9007 Carey Road	Bromide	0.25		U	mg/L	12/5/2007
9007 Carey Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
9007 Carey Road	Calcium	38.6	0.075		mg/L	12/5/2007
9007 Carey Road	Chloride	9.5	0.2		mg Cl/L	5/1/2007
9007 Carey Road	Chloride	9.8	0.2		mg Cl/L	12/5/2007
9007 Carey Road	Chromium	1	1	U	ug/L	5/1/2007
9007 Carey Road	Fluoride	0.48	0.05		mg F/L	12/5/2007
9007 Carey Road	Iron	9.1	5	I	ug/L	5/1/2007
9007 Carey Road	Iron	30	30	U	ug/L	12/5/2007
9007 Carey Road	Kjeldahl Nitrogen	0.26	0.08		mg N/L	12/5/2007
9007 Carey Road	Lead	0.59	0.2	I	ug/L	5/1/2007
9007 Carey Road	Magnesium	14.1	0.04		mg/L	12/5/2007
9007 Carey Road	Manganese	0.72	0.1		ug/L	5/1/2007
9007 Carey Road	Molybdenum	26.9	0.1		ug/L	5/1/2007
9007 Carey Road	Molybdenum	25.1	0.15		ug/L	12/5/2007
9007 Carey Road	NO2NO3-N	0.006	0.004	I	mg N/L	5/1/2007
9007 Carey Road	NO2NO3-N	0.004	0.004	U	mg N/L	12/5/2007
9007 Carey Road	Organic Carbon	1.3	1	I	mg C/L	5/1/2007
9007 Carey Road	Potassium	0.74	0.3	I	mg/L	12/5/2007
9007 Carey Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
9007 Carey Road	Silica	25	0.25		mg/L	12/5/2007
9007 Carey Road	Sodium	9.3	0.75		mg/L	5/1/2007
9007 Carey Road	Sodium	9.6	0.5		mg/L	12/5/2007
9007 Carey Road	Strontium	350	80		ug/L	12/5/2007
9007 Carey Road	Sulfate	5.9	0.2		mg SO4/L	5/1/2007
9007 Carey Road	Sulfate	6.6	0.2		mg SO4/L	12/5/2007
9007 Carey Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
9007 Carey Road	Sulfide	1.3	0.05		mg S/L	12/5/2007
9007 Carey Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
9007 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
9007 Carey Road	Total-Phosphorus	0.02	0.02	U	mg P/L	12/5/2007
9210 County Line Road	Alkalinity	161	0.65		mg CaCO3/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
9210 County Line Road	Aluminum	5	5	U	ug/L	6/27/2007
9210 County Line Road	Ammonia-N	0.25	0.01		mg N/L	6/27/2007
9210 County Line Road	Arsenic	0.55	0.5	I	ug/L	6/27/2007
9210 County Line Road	Barium	12.5	0.3		ug/L	6/27/2007
9210 County Line Road	Cadmium	0.02	0.02	U	ug/L	6/27/2007
9210 County Line Road	Chloride	8.8	0.4		mg Cl/L	6/27/2007
9210 County Line Road	Chromium	1	1	U	ug/L	6/27/2007
9210 County Line Road	Fluoride	0.59	0.05		mg F/L	6/27/2007
9210 County Line Road	Iron	166	5		ug/L	6/27/2007
9210 County Line Road	Lead	0.52	0.2	I	ug/L	6/27/2007
9210 County Line Road	Manganese	8.6	0.1		ug/L	6/27/2007
9210 County Line Road	Molybdenum	22.3	0.15		ug/L	6/27/2007
9210 County Line Road	NO2NO3-N	0.008	0.004	I	mg N/L	6/27/2007
9210 County Line Road	Organic Carbon	2.5	1	I	mg C/L	6/27/2007
9210 County Line Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
9210 County Line Road	Sodium	11.9	0.75		mg/L	6/27/2007
9210 County Line Road	Sulfate	24	0.4		mg SO4/L	6/27/2007
9210 County Line Road	Sulfide	0.058	0.05	I	mg S/L	6/27/2007
9210 County Line Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
9210 County Line Road	Total-Phosphorus	0.023	0.02	I	mg P/L	6/27/2007
9210 County Line Road	Vanadium	1	1	U	ug/L	6/27/2007
9331 Edison Road	Alkalinity	160	0.65		mg CaCO3/L	5/1/2007
9331 Edison Road	Alpha, Total	1.9			pCi/L	5/1/2007
9331 Edison Road	Alpha-Counting Error	1			pCi/L	5/1/2007
9331 Edison Road	Aluminum	5	5	U	ug/L	5/1/2007
9331 Edison Road	Ammonia-N	0.36	0.01		mg N/L	5/1/2007
9331 Edison Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
9331 Edison Road	Barium	21.4	0.3		ug/L	5/1/2007
9331 Edison Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
9331 Edison Road	Chloride	12	0.4		mg Cl/L	5/1/2007
9331 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
9331 Edison Road	Iron	6.6	5	I	ug/L	5/1/2007
9331 Edison Road	Lead	0.85	0.2		ug/L	5/1/2007
9331 Edison Road	Manganese	0.21	0.1	I	ug/L	5/1/2007
9331 Edison Road	Molybdenum	0.39	0.25	I	ug/L	5/1/2007
9331 Edison Road	NO2NO3-N	0.007	0.004	I	mg N/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
9331 Edison Road	Organic Carbon	1.6	1	I	mg C/L	5/1/2007
9331 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
9331 Edison Road	Sodium	9.4	0.75		mg/L	5/1/2007
9331 Edison Road	Sulfate	27	0.4		mg SO4/L	5/1/2007
9331 Edison Road	Sulfide	1.7	0.05		mg S/L	5/1/2007
9331 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
9331 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
9355 Edison Road	Alkalinity	198	0.65		mg CaCO3/L	5/1/2007
9355 Edison Road	Alpha, Total	1			pCi/L	5/1/2007
9355 Edison Road	Alpha-Counting Error	0.7			pCi/L	5/1/2007
9355 Edison Road	Aluminum	5	5	U	ug/L	5/1/2007
9355 Edison Road	Ammonia-N	0.22	0.01		mg N/L	5/1/2007
9355 Edison Road	Arsenic	0.5	0.5	U	ug/L	5/1/2007
9355 Edison Road	Barium	12.8	0.3		ug/L	5/1/2007
9355 Edison Road	Cadmium	0.05	0.05	U	ug/L	5/1/2007
9355 Edison Road	Chloride	17	0.4		mg Cl/L	5/1/2007
9355 Edison Road	Chromium	1	1	U	ug/L	5/1/2007
9355 Edison Road	Iron	9.7	5	I	ug/L	5/1/2007
9355 Edison Road	Lead	0.2	0.2	U	ug/L	5/1/2007
9355 Edison Road	Manganese	0.62	0.1		ug/L	5/1/2007
9355 Edison Road	Molybdenum	1.6	0.1	J	ug/L	5/1/2007
9355 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
9355 Edison Road	Organic Carbon	11	1		mg C/L	5/1/2007
9355 Edison Road	Selenium	0.5	0.5	U	ug/L	5/1/2007
9355 Edison Road	Sodium	9.4	0.75		mg/L	5/1/2007
9355 Edison Road	Sulfate	1.7	0.4		mg SO4/L	5/1/2007
9355 Edison Road	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
9355 Edison Road	Thallium	0.1	0.1	U	ug/L	5/1/2007
9355 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
9502 Edison Road	Alkalinity	148	0.65		mg CaCO3/L	6/27/2007
9502 Edison Road	Aluminum	5	5	U	ug/L	6/27/2007
9502 Edison Road	Ammonia-N	0.12	0.01		mg N/L	6/27/2007
9502 Edison Road	Arsenic	0.5	0.5	U	ug/L	6/27/2007
9502 Edison Road	Barium	11.2	0.3		ug/L	6/27/2007
9502 Edison Road	Cadmium	0.14	0.02		ug/L	6/27/2007
9502 Edison Road	Chloride	8	0.2		mg Cl/L	6/27/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
9502 Edison Road	Chromium	1	1	U	ug/L	6/27/2007
9502 Edison Road	Fluoride	0.54	0.05		mg F/L	6/27/2007
9502 Edison Road	Iron	9.8	5	I	ug/L	6/27/2007
9502 Edison Road	Lead	5.07	0.2		ug/L	6/27/2007
9502 Edison Road	Manganese	5.3	0.1		ug/L	6/27/2007
9502 Edison Road	Molybdenum	6.83	0.15		ug/L	6/27/2007
9502 Edison Road	NO2NO3-N	0.005	0.004	I	mg N/L	6/27/2007
9502 Edison Road	Organic Carbon	1.3	1	I	mg C/L	6/27/2007
9502 Edison Road	Selenium	0.5	0.5	U	ug/L	6/27/2007
9502 Edison Road	Sodium	8.7	0.75		mg/L	6/27/2007
9502 Edison Road	Sulfate	2	0.2		mg SO4/L	6/27/2007
9502 Edison Road	Sulfide	0.05	0.05	U	mg S/L	6/27/2007
9502 Edison Road	Thallium	0.1	0.1	U	ug/L	6/27/2007
9502 Edison Road	Total-Phosphorus	0.02	0.02	U	mg P/L	6/27/2007
9502 Edison Road	Vanadium	1.2	1.2	U	ug/L	6/27/2007
School Irrigation Well	Alkalinity	163	0.65		mg CaCO3/L	12/4/2007
School Irrigation Well	Alkalinity	156	0.65		mg CaCO3/L	4/21/2009
School Irrigation Well	Aluminum	60	60	U	ug/L	4/21/2009
School Irrigation Well	Antimony	0.5	0.5	U	ug/L	12/4/2007
School Irrigation Well	Antimony	0.25	0.25	U	ug/L	4/21/2009
School Irrigation Well	Arsenic	0.5	0.5	U	ug/L	12/4/2007
School Irrigation Well	Arsenic	0.25	0.25	U	ug/L	4/21/2009
School Irrigation Well	Bromide	0.25		U	mg/L	12/4/2007
School Irrigation Well	Cadmium	1	1	U	ug/L	4/21/2009
School Irrigation Well	Calcium	46.1	0.075		mg/L	12/4/2007
School Irrigation Well	Calcium	40.8	0.075		mg/L	4/21/2009
School Irrigation Well	Chloride	12	0.2		mg Cl/L	12/4/2007
School Irrigation Well	Chloride	12	0.2		mg Cl/L	4/21/2009
School Irrigation Well	Chromium	0.3	0.3	U	ug/L	4/21/2009
School Irrigation Well	Copper	0.5	0.5	U	ug/L	4/21/2009
School Irrigation Well	Fluoride	0.35	0.05		mg F/L	12/4/2007
School Irrigation Well	Fluoride	0.33	0.05		mg F/L	4/21/2009
School Irrigation Well	Iron	30	30	U	ug/L	12/4/2007
School Irrigation Well	Iron	30	30	U	ug/L	4/21/2009
School Irrigation Well	Kjeldahl Nitrogen	0.37	0.16	I	mg N/L	12/4/2007
School Irrigation Well	Kjeldahl Nitrogen	0.41	0.08		mg N/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Irrigation Well	Lead	0.2	0.2	U	ug/L	4/21/2009
School Irrigation Well	Magnesium	14.1	0.04		mg/L	12/4/2007
School Irrigation Well	Magnesium	12.7	0.04		mg/L	4/21/2009
School Irrigation Well	Manganese	0.75	0.75	U	ug/L	4/21/2009
School Irrigation Well	Molybdenum	3.71	0.15		ug/L	12/4/2007
School Irrigation Well	Molybdenum	3.16	0.15		ug/L	4/21/2009
School Irrigation Well	Nickel	0.25	0.25	U	ug/L	4/21/2009
School Irrigation Well	NO2NO3-N	0.007	0.004	I	mg N/L	12/4/2007
School Irrigation Well	NO2NO3-N	0.005	0.004	I	mg N/L	4/21/2009
School Irrigation Well	Potassium	0.81	0.3	I	mg/L	12/4/2007
School Irrigation Well	Potassium	0.88	0.3	I	mg/L	4/21/2009
School Irrigation Well	Selenium	0.2	0.2	U	ug/L	4/21/2009
School Irrigation Well	Silica	22.2	0.25		mg/L	12/4/2007
School Irrigation Well	Silica	23.5	0.1		mg/L	4/21/2009
School Irrigation Well	Sodium	9.7	0.5		mg/L	12/4/2007
School Irrigation Well	Sodium	9.2	0.5		mg/L	4/21/2009
School Irrigation Well	Strontium	520	80		ug/L	12/4/2007
School Irrigation Well	Strontium	517	2		ug/L	4/21/2009
School Irrigation Well	Sulfate	13	0.2		mg SO4/L	12/4/2007
School Irrigation Well	Sulfate	12	0.2		mg SO4/L	4/21/2009
School Irrigation Well	Sulfide	3.1	0.05		mg S/L	12/4/2007
School Irrigation Well	Sulfide	3.3	0.05		mg S/L	4/21/2009
School Irrigation Well	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
School Irrigation Well	Total-Phosphorus	0.006	0.004	I	mg P/L	4/21/2009
School Irrigation Well	Vanadium	2	2	U	ug/L	4/21/2009
School Irrigation Well	Zinc	17	5	I	ug/L	4/21/2009
School Irrigation Well ACL	Alkalinity	162	0.65		mg CaCO3/L	5/1/2007
School Irrigation Well ACL	Alpha, Total	2.6			pCi/L	5/1/2007
School Irrigation Well ACL	Alpha-Counting Error	1			pCi/L	5/1/2007
School Irrigation Well ACL	Aluminum	5	5	U	ug/L	5/1/2007
School Irrigation Well ACL	Ammonia-N	0.01	0.01	U	mg N/L	5/1/2007
School Irrigation Well ACL	Arsenic	0.5	0.5	U	ug/L	5/1/2007
School Irrigation Well ACL	Barium	16.1	0.3		ug/L	5/1/2007
School Irrigation Well ACL	Cadmium	0.05	0.05	U	ug/L	5/1/2007
School Irrigation Well ACL	Chloride	42	1		mg Cl/L	5/1/2007
School Irrigation Well ACL	Chromium	1	1	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Irrigation Well ACL	Iron	5	5	U	ug/L	5/1/2007
School Irrigation Well ACL	Lead	0.49	0.2	I	ug/L	5/1/2007
School Irrigation Well ACL	Manganese	0.3	0.1	I	ug/L	5/1/2007
School Irrigation Well ACL	Molybdenum	3.8	0.1		ug/L	5/1/2007
School Irrigation Well ACL	NO2NO3-N	0.025	0.004		mg N/L	5/1/2007
School Irrigation Well ACL	Organic Carbon	1.6	1	I	mg C/L	5/1/2007
School Irrigation Well ACL	Selenium	0.5	0.5	U	ug/L	5/1/2007
School Irrigation Well ACL	Sodium	31.8	0.75		mg/L	5/1/2007
School Irrigation Well ACL	Sulfate	7	1		mg SO4/L	5/1/2007
School Irrigation Well ACL	Sulfide	0.36	0.05		mg S/L	5/1/2007
School Irrigation Well ACL	Thallium	0.1	0.1	U	ug/L	5/1/2007
School Irrigation Well ACL	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
School Irrigation Well BCL	Alkalinity	160	0.65		mg CaCO3/L	5/1/2007
School Irrigation Well BCL	Alpha, Total	1.1		U	pCi/L	5/1/2007
School Irrigation Well BCL	Alpha-Counting Error	0.7			pCi/L	5/1/2007
School Irrigation Well BCL	Aluminum	5	5	U	ug/L	5/1/2007
School Irrigation Well BCL	Ammonia-N	0.32	0.01		mg N/L	5/1/2007
School Irrigation Well BCL	Arsenic	0.5	0.5	U	ug/L	5/1/2007
School Irrigation Well BCL	Barium	16	0.3		ug/L	5/1/2007
School Irrigation Well BCL	Cadmium	0.05	0.05	U	ug/L	5/1/2007
School Irrigation Well BCL	Chloride	12	0.4		mg Cl/L	5/1/2007
School Irrigation Well BCL	Chromium	1	1	U	ug/L	5/1/2007
School Irrigation Well BCL	Iron	5	5	U	ug/L	5/1/2007
School Irrigation Well BCL	Lead	1.83	0.2		ug/L	5/1/2007
School Irrigation Well BCL	Manganese	0.41	0.1		ug/L	5/1/2007
School Irrigation Well BCL	Molybdenum	3.7	0.1		ug/L	5/1/2007
School Irrigation Well BCL	NO2NO3-N	0.024	0.004		mg N/L	5/1/2007
School Irrigation Well BCL	Organic Carbon	1.6	1	I	mg C/L	5/1/2007
School Irrigation Well BCL	Selenium	0.5	0.5	U	ug/L	5/1/2007
School Irrigation Well BCL	Sodium	9.4	0.75		mg/L	5/1/2007
School Irrigation Well BCL	Sulfate	5.1	0.4		mg SO4/L	5/1/2007
School Irrigation Well BCL	Sulfide	3.3	0.05		mg S/L	5/1/2007
School Irrigation Well BCL	Thallium	0.1	0.1	U	ug/L	5/1/2007
School Irrigation Well BCL	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
School Tennis Ct Well	Alkalinity	150	0.65		mg CaCO3/L	5/1/2007
School Tennis Ct Well	Alkalinity	149	0.65		mg CaCO3/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Tennis Ct Well	Alpha, Total	1.2		U	pCi/L	5/1/2007
School Tennis Ct Well	Alpha-Counting Error	0.8			pCi/L	5/1/2007
School Tennis Ct Well	Aluminum	33	5		ug/L	5/1/2007
School Tennis Ct Well	Ammonia-N	0.23	0.01		mg N/L	5/1/2007
School Tennis Ct Well	Antimony	0.5	0.5	U	ug/L	12/4/2007
School Tennis Ct Well	Arsenic	23.1	0.5		ug/L	12/4/2007
School Tennis Ct Well	Barium	15.8	0.3		ug/L	5/1/2007
School Tennis Ct Well	Bromide	0.25		U	mg/L	12/4/2007
School Tennis Ct Well	Cadmium	0.68	0.2	I	ug/L	5/1/2007
School Tennis Ct Well	Calcium	36.9	0.075		mg/L	12/4/2007
School Tennis Ct Well	Chloride	9.6	0.2		mg Cl/L	5/1/2007
School Tennis Ct Well	Chloride	10	0.2		mg Cl/L	12/4/2007
School Tennis Ct Well	Chromium	1	1	U	ug/L	5/1/2007
School Tennis Ct Well	Fluoride	0.68	0.05		mg F/L	12/4/2007
School Tennis Ct Well	Iron	5	5	U	ug/L	5/1/2007
School Tennis Ct Well	Iron	30	30	U	ug/L	12/4/2007
School Tennis Ct Well	Kjeldahl Nitrogen	0.25	0.08		mg N/L	12/4/2007
School Tennis Ct Well	Lead	0.2	0.2	U	ug/L	5/1/2007
School Tennis Ct Well	Magnesium	15.8	0.04		mg/L	12/4/2007
School Tennis Ct Well	Manganese	0.9	0.1		ug/L	5/1/2007
School Tennis Ct Well	Molybdenum	871	1.5		ug/L	5/1/2007
School Tennis Ct Well	Molybdenum	938	3		ug/L	12/4/2007
School Tennis Ct Well	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
School Tennis Ct Well	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
School Tennis Ct Well	Organic Carbon	1.4	1	I	mg C/L	5/1/2007
School Tennis Ct Well	Potassium	0.76	0.3	I	mg/L	12/4/2007
School Tennis Ct Well	Selenium	0.5	0.5	U	ug/L	5/1/2007
School Tennis Ct Well	Silica	32.6	0.25		mg/L	12/4/2007
School Tennis Ct Well	Sodium	11.4	0.75		mg/L	5/1/2007
School Tennis Ct Well	Sodium	11.6	0.5		mg/L	12/4/2007
School Tennis Ct Well	Strontium	240	80	I	ug/L	12/4/2007
School Tennis Ct Well	Sulfate	6.8	0.2		mg SO4/L	5/1/2007
School Tennis Ct Well	Sulfate	6.6	0.2		mg SO4/L	12/4/2007
School Tennis Ct Well	Sulfide	0.17	0.05		mg S/L	5/1/2007
School Tennis Ct Well	Sulfide	0.39	0.05		mg S/L	12/4/2007
School Tennis Ct Well	Thallium	0.1	0.1	U	ug/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Tennis Ct Well	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
School Tennis Ct Well	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007
School Volleyball Ct Well	Alkalinity	120	0.65		mg CaCO3/L	5/1/2007
School Volleyball Ct Well	Alkalinity	118	0.65		mg CaCO3/L	12/4/2007
School Volleyball Ct Well	Alkalinity	123	0.65	A	mg CaCO3/L	4/21/2009
School Volleyball Ct Well	Alpha, Total	2			pCi/L	5/1/2007
School Volleyball Ct Well	Alpha-Counting Error	1.3			pCi/L	5/1/2007
School Volleyball Ct Well	Aluminum	151	5		ug/L	5/1/2007
School Volleyball Ct Well	Aluminum	160	60	I	ug/L	4/21/2009
School Volleyball Ct Well	Ammonia-N	0.16	0.01		mg N/L	5/1/2007
School Volleyball Ct Well	Antimony	0.5	0.5	U	ug/L	12/4/2007
School Volleyball Ct Well	Antimony	0.25	0.25	U	ug/L	4/21/2009
School Volleyball Ct Well	Arsenic	229	15		ug/L	5/1/2007
School Volleyball Ct Well	Arsenic	256	2.5		ug/L	12/4/2007
School Volleyball Ct Well	Arsenic	239	1.2		ug/L	4/21/2009
School Volleyball Ct Well	Barium	14.8	0.3		ug/L	5/1/2007
School Volleyball Ct Well	Bromide	0.25		U	mg/L	12/4/2007
School Volleyball Ct Well	Cadmium	0.6	0.6	U	ug/L	5/1/2007
School Volleyball Ct Well	Cadmium	1	1	U	ug/L	4/21/2009
School Volleyball Ct Well	Calcium	40.3	0.075		mg/L	12/4/2007
School Volleyball Ct Well	Calcium	36.4	0.075		mg/L	4/21/2009
School Volleyball Ct Well	Chloride	13	0.2		mg Cl/L	5/1/2007
School Volleyball Ct Well	Chloride	15	0.2		mg Cl/L	12/4/2007
School Volleyball Ct Well	Chloride	15	0.2		mg Cl/L	4/21/2009
School Volleyball Ct Well	Chromium	1	1	U	ug/L	5/1/2007
School Volleyball Ct Well	Chromium	0.3	0.3	U	ug/L	4/21/2009
School Volleyball Ct Well	Copper	0.86	0.5		ug/L	4/21/2009
School Volleyball Ct Well	Fluoride	0.62	0.05		mg F/L	12/4/2007
School Volleyball Ct Well	Fluoride	0.63	0.05		mg F/L	4/21/2009
School Volleyball Ct Well	Iron	5	5	U	ug/L	5/1/2007
School Volleyball Ct Well	Iron	30	30	U	ug/L	12/4/2007
School Volleyball Ct Well	Iron	34	30	I	ug/L	4/21/2009
School Volleyball Ct Well	Kjeldahl Nitrogen	0.19	0.08	I	mg N/L	12/4/2007
School Volleyball Ct Well	Kjeldahl Nitrogen	0.23	0.08		mg N/L	4/21/2009
School Volleyball Ct Well	Lead	1.15	0.2		ug/L	5/1/2007
School Volleyball Ct Well	Lead	0.2	0.2	U	ug/L	4/21/2009

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Volleyball Ct Well	Magnesium	15.3	0.04		mg/L	12/4/2007
School Volleyball Ct Well	Magnesium	13.9	0.04		mg/L	4/21/2009
School Volleyball Ct Well	Manganese	0.76	0.1		ug/L	5/1/2007
School Volleyball Ct Well	Manganese	1.1	0.75	I	ug/L	4/21/2009
School Volleyball Ct Well	Molybdenum	4150	3		ug/L	5/1/2007
School Volleyball Ct Well	Molybdenum	4740	7.5		ug/L	12/4/2007
School Volleyball Ct Well	Molybdenum	4260	7.5		ug/L	4/21/2009
School Volleyball Ct Well	Nickel	0.32	0.25	I	ug/L	4/21/2009
School Volleyball Ct Well	NO2NO3-N	0.005	0.004	I	mg N/L	5/1/2007
School Volleyball Ct Well	NO2NO3-N	0.004	0.004	U	mg N/L	12/4/2007
School Volleyball Ct Well	NO2NO3-N	0.004	0.004	U	mg N/L	4/21/2009
School Volleyball Ct Well	Organic Carbon	1.2	1	I	mg C/L	5/1/2007
School Volleyball Ct Well	Potassium	0.7	0.3	I	mg/L	12/4/2007
School Volleyball Ct Well	Potassium	0.79	0.3	I	mg/L	4/21/2009
School Volleyball Ct Well	Radium 226	0.8			pCi/L	5/1/2007
School Volleyball Ct Well	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
School Volleyball Ct Well	Radium 228	0.9		U	pCi/L	5/1/2007
School Volleyball Ct Well	Radium 228-Counting Error	0.6			pCi/L	5/1/2007
School Volleyball Ct Well	Selenium	0.5	0.5	U	ug/L	5/1/2007
School Volleyball Ct Well	Selenium	0.2	0.2	U	ug/L	4/21/2009
School Volleyball Ct Well	Silica	24.8	0.25		mg/L	12/4/2007
School Volleyball Ct Well	Silica	25.9	0.1		mg/L	4/21/2009
School Volleyball Ct Well	Sodium	8.7	0.75		mg/L	5/1/2007
School Volleyball Ct Well	Sodium	9.4	0.5		mg/L	12/4/2007
School Volleyball Ct Well	Sodium	9.4	0.5		mg/L	4/21/2009
School Volleyball Ct Well	Strontium	240	80	I	ug/L	12/4/2007
School Volleyball Ct Well	Strontium	256	2		ug/L	4/21/2009
School Volleyball Ct Well	Sulfate	27	0.2		mg SO4/L	5/1/2007
School Volleyball Ct Well	Sulfate	33	0.2		mg SO4/L	12/4/2007
School Volleyball Ct Well	Sulfate	27	0.2		mg SO4/L	4/21/2009
School Volleyball Ct Well	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
School Volleyball Ct Well	Sulfide	0.1	0.05	I	mg S/L	12/4/2007
School Volleyball Ct Well	Sulfide	0.05	0.05	U	mg S/L	4/21/2009
School Volleyball Ct Well	Thallium	0.1	0.1	U	ug/L	5/1/2007
School Volleyball Ct Well	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007
School Volleyball Ct Well	Total-Phosphorus	0.02	0.02	U	mg P/L	12/4/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	Result	MDL	Remark	Units	Date Sampled
School Volleyball Ct Well	Total-Phosphorus	0.021	0.004		mg P/L	4/21/2009
School Volleyball Ct Well	Vanadium	2	2	U	ug/L	4/21/2009
School Volleyball Ct Well	Zinc	9.2	5	I	ug/L	4/21/2009
School Volleyball Ct Well Dup	Alkalinity	121	0.65		mg CaCO3/L	5/1/2007
School Volleyball Ct Well Dup	Alpha, Total	2.6			pCi/L	5/1/2007
School Volleyball Ct Well Dup	Alpha-Counting Error	1.4			pCi/L	5/1/2007
School Volleyball Ct Well Dup	Aluminum	189	20		ug/L	5/1/2007
School Volleyball Ct Well Dup	Ammonia-N	0.15	0.01		mg N/L	5/1/2007
School Volleyball Ct Well Dup	Arsenic	227	15		ug/L	5/1/2007
School Volleyball Ct Well Dup	Barium	16.5	2		ug/L	5/1/2007
School Volleyball Ct Well Dup	Cadmium	1.1	0.6	I	ug/L	5/1/2007
School Volleyball Ct Well Dup	Chloride	13	0.2		mg Cl/L	5/1/2007
School Volleyball Ct Well Dup	Chromium	1	1	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Iron	10	10	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Lead	0.2	0.2	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Manganese	2	2	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Molybdenum	4090	4.5		ug/L	5/1/2007
School Volleyball Ct Well Dup	NO2NO3-N	0.004	0.004	I	mg N/L	5/1/2007
School Volleyball Ct Well Dup	Organic Carbon	1.3	1	I	mg C/L	5/1/2007
School Volleyball Ct Well Dup	Radium 226	2.3			pCi/L	5/1/2007
School Volleyball Ct Well Dup	Radium 226-Counting Error	0.2			pCi/L	5/1/2007
School Volleyball Ct Well Dup	Radium 228	0.8		U	pCi/L	5/1/2007
School Volleyball Ct Well Dup	Radium 228-Counting Error	0.5			pCi/L	5/1/2007
School Volleyball Ct Well Dup	Selenium	0.5	0.5	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Sodium	8.9	0.1		mg/L	5/1/2007
School Volleyball Ct Well Dup	Sulfate	27	0.2		mg SO4/L	5/1/2007
School Volleyball Ct Well Dup	Sulfide	0.05	0.05	U	mg S/L	5/1/2007
School Volleyball Ct Well Dup	Thallium	0.1	0.1	U	ug/L	5/1/2007
School Volleyball Ct Well Dup	Total-Phosphorus	0.02	0.02	U	mg P/L	5/1/2007

Table 11 (Continued)
Supply Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Samples designated “school” refer to the Steppin Stone School located at 8421 Pritcher Road.

A: value reported is the mean of two or more determinations.

I: the value reported is between the method detection limit and the practical quantitation limit.

J: estimated value.

U: material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

mg/L: milligrams per Liter.

ug/L: micrograms per Liter.

mg CaCO₃/L: milligrams of calcium carbonate per Liter.

pCi/L: picoCuries per Liter.

mg Cl/L: milligrams of chloride per liter.

mg F/L: milligrams of fluoride per liter.

mg N/L: milligrams of nitrogen per liter.

mg P/L: milligrams of phosphorus per liter.

mg SO₄/L: milligrams of sulfate per liter.

mg S/L: milligrams of sulfide per liter.

Table 12
Field Measurement Sulfide Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	December 2007¹	May 2008¹	June 2008¹	October 2008¹	April 2009
8506 Pritcher Road	85				15
School Volleyball Court Well	106				87
8601 Pritcher Road	2				18
7911 Carey Road	360				314
2802 Pritcher Manor Court	24				27
8805 Pritcher Road Well #2	0				
8704 Pritcher Road	8				14
2815 Hartley Lane	11				17
8312 Bob Wiggs Avenue	0				10
8710 County Line Road	9				442
School Tennis Court Well	386				
8002 Edison Road	74				
2908 Pritcher Manor Court	5				
8726 Pritcher Road	10				
2821 Hartley Lane	4				
2907 Pritcher Manor Court	0				
2803 Pritcher Manor Court	31				
8304 Bob Wiggs Avenue	107				
2741 Hartley Lane	38				
8914 Pritcher Road	2325				
8010 Edison Road	47				122
8834 Carey Road	0				13
8602 Rockn T Ranch Road	137				118
8408 Bob Wiggs Avenue	9				11
2810 Hartley Lane	2				
8902 Carey Road	39				
7935 Carey Road	1250				1515
School Irrigation Well	3725				2868
8721 County Line Road	175				301
5364 Wood Road	0				17
8625 Carey Road	104				
8438 Bob Wiggs Avenue	390				247
8906 Pritcher Road	163				
2905 Pritcher Manor Court	0				
3505 Kent Path	16				
8902 Pritcher Road	2205				
8133 Edison Road	291				133
9007 Carey Road	1590				
3010 Toole Road	106				152
8410 Pritcher Road					358

Table 12 (Continued)
Field Measurement Sulfide Data
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	December 2007¹	May 2008¹	June 2008¹	October 2008¹	April 2009
DEP-1 (145-165')		206	302	466	240
DEP-1 (205-225')		2560	2550	3428	2820
DEP-1 (250-270')		2352	2390	3264	2280
DEP-1 (300-320')		2292	2565	2616	1830
DEP-2 (143-163')		10	48	53	38
DEP-2 (197-217')		765	789	752	649
DEP-2 (256-276')		1320	1655	1662	1625
DEP-2 (300-320')		2044	2630	2784	3825
DEP-3 (147-167')		10	165	218	120
DEP-3 (195-215')		2738	2670	2896	3125
DEP-3 (245-265')		NS	2630	2688	3090
DEP-3 (300-320')		1726	1805	2480	3215
DEP-4 (143-163')		30	710	664	612
DEP-4 (208-228')		NS	1640	1534	2655
DEP-4 (255-275')		306	2520	1658	1325
DEP-4 (300-320')		NS	1860	1904	2655
DEP-5 (153-173')		805	1255	1144	1265
DEP-5 (200-220')		1272	1865	1856	1250
DEP-5 (250-270')		2720	2425	2696	2735
DEP-5 (300-320')		2864	3010	3424	3320
Surficial MW-1					24
Surficial MW-2					7
Surficial MW-3					20
Surficial MW-4					55
Surficial MW-5					13
Surficial MW-6					33
Surficial MW-7					83
Surficial MW-8					11
30 Mile Creek			0		
Alafia River			0		

Sulfide field readings were measured with a Hach Spectrophotometer Model 2700.

1. Values are reported in micrograms per liter.

Table 13
SIS Supply Well $\delta^{18}\text{O}$ and δD Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

FIELD ID	D/H (VSMOW)	18O/16O (VSMOW)
8506 Pritcher Road	-14.3	-2.94
8506 Pritcher Road Duplicate	-14.4	-2.98
8421 Pritcher Road Steppin Stone School Volleyball Court Well	-15.3	-3.19
8601 Pritcher Road	-20.3	-3.83
7911 Carey Road	-14.3	-2.94
2802 Pritcher Manor Court	-19.4	-3.72
8805 Pritcher Road Well #2	-18.9	-3.68
8704 Pritcher Road	-18.8	-3.74
2815 Hartley Lane	-18.1	-3.60
8312 Bob Wiggs Avenue	-17.8	-3.43
8710 County Line Road	-12.5	-2.62
8421 Pritcher Road Steppin Stone School Tennis Court Well	-12.7	-2.63
8002 Edison Road	-16.5	-3.34
2908 Pritcher Manor Court	-20.8	-3.97
8726 Pritcher Road	-19.5	-3.84
2821 Hartley Lane	-17.4	-3.45
2821 Hartley Lane Duplicate	-17.1	-3.39
2907 Pritcher Manor Court	-19.1	-3.72
2803 Pritcher Manor Court	-15.0	-3.14
8304 Bob Wiggs Avenue	-17.8	-3.52
2741 Hartley Lane	-15.6	-3.13
8914 Pritcher Road	-11.2	-2.33
8010 Edison Road	-16.9	-3.34

Table 13 (Continued)
SIS Supply Well $\delta^{18}\text{O}$ and δD Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

FIELD ID	D/H (VSMOW)	$^{18}\text{O}/^{16}\text{O}$ (VSMOW)
8834 Carey Road	-18.5	-3.63
8602 Rockn T Ranch Road	-16.8	-3.38
8408 Bob Wiggs Avenue	-18.6	-3.64
2810 Hartley Lane	-18.6	-3.67
8902 Carey Road	-18.1	-3.62
7935 Carey Road	-18.8	-3.69
8421 Pritcher Road Steppin Stone School Irrigation Well	-8.8	-2.05
8721 County Line Road	-17.2	-3.34
5364 Wood Road	-18.8	-3.86
8625 Carey Road	-18.0	-3.59
8438 Bob Wiggs Avenue	-15.0	-3.04
8906 Pritcher Road	-16.4	-3.36
8906 Pritcher Road Duplicate	-16.7	-3.30
2905 Pritcher Manor Court	-19.0	-3.68
3505 Kent Path	-17.6	-3.45
8902 Pritcher Road	-11.2	-2.41
8133 Edison Road	-14.7	-2.95
9007 Carey Road	-12.8	-2.61
3010 Toole Road	-17.2	-3.41
Field Blank	-16.5	-3.25

Results are from the December 2007 sample event.

VSMOW: Vienna Standard Mean Ocean Water serves as a reference standard for comparing hydrogen and oxygen isotope ratios in water samples.

Table 14
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (145-165')	Alkalinity	50	0.65		50	0.65		60	0.65		79	0.65		mg CaCO3/L
DEP-1 (205-225')	Alkalinity	157	0.65		157	0.65		152	0.65		154	0.65		mg CaCO3/L
DEP-1 (250-270')	Alkalinity	160	0.65		160	0.65		153	0.65		152	0.65		mg CaCO3/L
DEP-1 (300-320')	Alkalinity	161	0.65		162	0.65	A	160	0.65		157	0.65		mg CaCO3/L
DEP-2 (143-163')	Alkalinity	99	0.65		102	0.65	A	94	0.65		102	0.65		mg CaCO3/L
DEP-2 (197-217')	Alkalinity	145	0.65		144	0.65		138	0.65		139	0.65	A	mg CaCO3/L
DEP-2 (256-276')	Alkalinity	161	0.65		161	0.65		157	0.65		159	0.65	A	mg CaCO3/L
DEP-2 (300-320')	Alkalinity	161	0.65		163	0.65		156	0.65		156	0.65		mg CaCO3/L
DEP-3 (147-167')	Alkalinity	132	0.65		132	0.65		127	0.65		128	0.65		mg CaCO3/L
DEP-3 (147-167') Dup	Alkalinity	131	0.65		132	0.65		127	0.65		130	0.65		mg CaCO3/L
DEP-3 (195-215')	Alkalinity	159	0.65		161	0.65		156	0.65		154	0.65		mg CaCO3/L
DEP-3 (245-265')	Alkalinity	162	0.65		161	0.65		155	0.65		155	0.65		mg CaCO3/L
DEP-3 (300-320')	Alkalinity	164	0.65		160	0.65		159	0.65		160	0.65		mg CaCO3/L
DEP-4 (143-163')	Alkalinity	166	0.65		167	0.65		161	0.65		161	0.65		mg CaCO3/L
DEP-4 (208-228')	Alkalinity	155	0.65		154	0.65		144	0.65		140	0.65		mg CaCO3/L
DEP-4 (208-228') Dup	Alkalinity	155	0.65		153	0.65		153	0.65		152	0.65		mg CaCO3/L
DEP-4 (255-275')	Alkalinity	154	0.65		157	0.65		153	0.65		153	0.65		mg CaCO3/L
DEP-4 (300-320')	Alkalinity	162	0.65		160	0.65		145	0.65		153	0.65		mg CaCO3/L
DEP-5 (153-173')	Alkalinity	157	0.65		159	0.65		152	0.65		157	0.65		mg CaCO3/L
DEP-5 (200-220')	Alkalinity	163	0.65	A	168	0.65		160	0.65		164	0.65		mg CaCO3/L
DEP-5 (250-270')	Alkalinity	162	0.65		157	0.65		146	0.65		153	0.65		mg CaCO3/L
DEP-5 (300-320')	Alkalinity	163	0.65	A	165	0.65		158	0.65		157	0.65		mg CaCO3/L
Equipment Blank	Alkalinity	1.8	0.65	I	1.6	0.65	I	0.65	0.65	U	0.65	0.65	U	mg CaCO3/L
DEP-1 (145-165')	Aluminum				200	60	I				71	60	I	ug/L
DEP-1 (205-225')	Aluminum				60	60	U				60	60	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (250-270')	Aluminum				60	60	U				60	60	U	ug/L
DEP-1 (300-320')	Aluminum				60	60	U				60	60	U	ug/L
DEP-2 (143-163')	Aluminum				170	60	I				130	60	I	ug/L
DEP-2 (197-217')	Aluminum				60	60	U				60	60	U	ug/L
DEP-2 (256-276')	Aluminum				60	60	U				60	60	U	ug/L
DEP-2 (300-320')	Aluminum				60	60	U				60	60	U	ug/L
DEP-3 (147-167')	Aluminum				270	60					190	60	I	ug/L
DEP-3 (147-167') Dup	Aluminum				270	60	A				240	60		ug/L
DEP-3 (195-215')	Aluminum				60	60	U				60	60	U	ug/L
DEP-3 (245-265')	Aluminum				60	60	U				60	60	U	ug/L
DEP-3 (300-320')	Aluminum				60	60	U				60	60	U	ug/L
DEP-4 (143-163')	Aluminum				60	60	U				60	60	U	ug/L
DEP-4 (208-228')	Aluminum				60	60	U				60	60	U	ug/L
DEP-4 (208-228') Dup	Aluminum				60	60	U				60	60	U	ug/L
DEP-4 (255-275')	Aluminum				60	60	U				60	60	U	ug/L
DEP-4 (300-320')	Aluminum				60	60	U				60	60	U	ug/L
DEP-5 (153-173')	Aluminum				60	60	U				60	60	U	ug/L
DEP-5 (200-220')	Aluminum				60	60	U				60	60	U	ug/L
DEP-5 (250-270')	Aluminum				60	60	U				60	60	U	ug/L
DEP-5 (300-320')	Aluminum				60	60	U				60	60	U	ug/L
Equipment Blank	Aluminum				60	60	U				60	60	U	ug/L
DEP-1 (145-165')	Antimony	5.9	0.5		3.5	0.5		1.1	0.5	I	0.36	0.25	I	ug/L
DEP-1 (205-225')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-1 (250-270')	Antimony	0.89	0.5	I	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (300-320')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-2 (143-163')	Antimony	1.9	0.5	I	1.1	0.5	I	3.1	0.5		0.99	0.25	I	ug/L
DEP-2 (197-217')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-2 (256-276')	Antimony	2.5	0.5		1.7	0.5	I	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-2 (300-320')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-3 (147-167')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-3 (147-167') Dup	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.66	0.25	I	ug/L
DEP-3 (195-215')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-3 (245-265')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-3 (300-320')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-4 (143-163')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-4 (208-228')	Antimony	2.7	0.5		0.75	0.5	I	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-4 (208-228') Dup	Antimony	2.4	0.5		0.82	0.5	I	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-4 (255-275')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-4 (300-320')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-5 (153-173')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-5 (200-220')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-5 (250-270')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-5 (300-320')	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
Equipment Blank	Antimony	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-1 (145-165')	Arsenic	76.9	0.5		73.6	0.5		89.5	0.5	A	55.7	0.25		ug/L
DEP-1 (205-225')	Arsenic	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-1 (250-270')	Arsenic	13.7	0.5		4.2	0.5		1.4	0.5	I	0.45	0.25	I	ug/L
DEP-1 (300-320')	Arsenic	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.25	0.25	U	ug/L
DEP-2 (143-163')	Arsenic	147	0.5		155	0.5		159	0.5		188	0.25		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

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Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-2 (300-320')	Bromide	0.25	0.25	U										ug/L
DEP-3 (147-167')	Bromide	0.25	0.25	U										ug/L
DEP-3 (147-167') Dup	Bromide	0.25	0.25	U										ug/L
DEP-3 (195-215')	Bromide	0.25	0.25	U										ug/L
DEP-3 (245-265')	Bromide	0.25	0.25	U										ug/L
DEP-3 (300-320')	Bromide	0.25	0.25	U										ug/L
DEP-4 (143-163')	Bromide	0.25	0.25	U										ug/L
DEP-4 (208-228')	Bromide	0.25	0.25	U										ug/L
DEP-4 (208-228') Dup	Bromide	0.25	0.25	U										ug/L
DEP-4 (255-275')	Bromide	0.25	0.25	U										ug/L
DEP-4 (300-320')	Bromide	0.25	0.25	U										ug/L
DEP-5 (153-173')	Bromide	0.25	0.25	U										ug/L
DEP-5 (200-220')	Bromide	0.25	0.25	U										ug/L
DEP-5 (250-270')	Bromide	0.25	0.25	U										ug/L
DEP-5 (300-320')	Bromide	0.25	0.25	U										ug/L
Equipment Blank	Bromide	0.25	0.25	U										ug/L
DEP-1 (145-165')	Cadmium	1	1	U	1	1	U	0.2	0.2	U	1	1	U	ug/L
DEP-1 (205-225')	Cadmium	0.02	0.02	U	0.025	0.02	I	0.02	0.02	U	1	1	U	ug/L
DEP-1 (250-270')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-1 (300-320')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-2 (143-163')	Cadmium	1	1	U				1	1	U	1	1	U	ug/L
DEP-2 (197-217')	Cadmium	0.5	0.5	U	0.02	0.02	U	0.2	0.2	U	1	1	U	ug/L
DEP-2 (256-276')	Cadmium	0.058	0.02	I	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-2 (300-320')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.028	0.02	I	1	1	U	ug/L
DEP-3 (147-167')	Cadmium	2	2	U	1	1	U	1	1	U	1	1	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-3 (147-167') Dup	Cadmium	3	3	U	1	1	U	1	1	U	1	1	U	ug/L
DEP-3 (195-215')	Cadmium	0.02	0.02	U	0.023	0.02	I	0.02	0.02	U	1	1	U	ug/L
DEP-3 (245-265')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-3 (300-320')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-4 (143-163')	Cadmium	0.042	0.02	I	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-4 (208-228')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-4 (208-228') Dup	Cadmium	0.068	0.02	I	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-4 (255-275')	Cadmium	0.035	0.02	I	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-4 (300-320')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.022	0.02	I	1	1	U	ug/L
DEP-5 (153-173')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-5 (200-220')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-5 (250-270')	Cadmium	0.47	0.02		0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-5 (300-320')	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
Equipment Blank	Cadmium	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	1	1	U	ug/L
DEP-1 (145-165')	Calcium	43.00	0.075		43.00	0.075		39.6	0.075	A	28.7	0.075		mg/L
DEP-1 (205-225')	Calcium	42.70	0.075		47.30	0.075		43.1	0.075		41.4	0.075		mg/L
DEP-1 (250-270')	Calcium	41.90	0.075		42.00	0.075		42	0.075		38.8	0.075	A	mg/L
DEP-1 (300-320')	Calcium	41.80	0.075		42.00	0.075		41.1	0.075		39.3	0.075		mg/L
DEP-2 (143-163')	Calcium	31.10	0.075		32.10	0.075		32	0.075		34.4	0.075		mg/L
DEP-2 (197-217')	Calcium	36.70	0.075		36.20	0.075		36	0.075		34.8	0.075		mg/L
DEP-2 (256-276')	Calcium	43.20	0.075		43.40	0.075		43.7	0.075		42	0.075		mg/L
DEP-2 (300-320')	Calcium	43.90	0.075	A	43.50	0.075		47	0.075		45	0.075		mg/L
DEP-3 (147-167')	Calcium	36.70	0.075		35.00	0.075		36.2	0.075		34.7	0.075		mg/L
DEP-3 (147-167') Dup	Calcium	36.70	0.075		34.60	0.075	A	36	0.075		37.8	0.075		mg/L
DEP-3 (195-215')	Calcium	43.90	0.075		42.20	0.075		43.9	0.075		41.7	0.075		mg/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-3 (245-265')	Calcium	43.90	0.075		42.90	0.075		43.6	0.075		41.8	0.075		mg/L
DEP-3 (300-320')	Calcium	45.00	0.075		41.40	0.075		43.9	0.075		40.8	0.075		mg/L
DEP-4 (143-163')	Calcium	38.50	0.075		37.50	0.075		37.6	0.075		35.3	0.075		mg/L
DEP-4 (208-228')	Calcium	41.20	0.075		40.60	0.075		39.6	0.075		36.7	0.075		mg/L
DEP-4 (208-228') Dup	Calcium	41.70	0.075		40.80	0.075		38.9	0.075		36.2	0.075		mg/L
DEP-4 (255-275')	Calcium	41.60	0.075		40.30	0.075		41.7	0.075		39.5	0.075		mg/L
DEP-4 (300-320')	Calcium	45.90	0.075		42.50	0.075		44.4	0.075		40.5	0.075		mg/L
DEP-5 (153-173')	Calcium	39.20	0.075		40.00	0.075		41.6	0.075		42	0.075		mg/L
DEP-5 (200-220')	Calcium	43.80	0.075		45.00	0.075		45.6	0.075		42.7	0.075		mg/L
DEP-5 (250-270')	Calcium	52.10	0.075		41.90	0.075		42.2	0.075		40.3	0.075		mg/L
DEP-5 (300-320')	Calcium	45.30	0.075		44.30	0.075		46.2	0.075		43.6	0.075		mg/L
Equipment Blank	Calcium	0.74	0.075		0.12	0.075	I	0.075	0.075	U	0.075	0.075	U	mg/L
DEP-1 (145-165')	Chloride	9.50	0.2		8.40	0.2		8.2	0.2		8.3	0.2		mg Cl/L
DEP-1 (205-225')	Chloride	12.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-1 (250-270')	Chloride	12.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-1 (300-320')	Chloride	12.00	0.2		11.00	0.2		11	0.2		12	0.2		mg Cl/L
DEP-2 (143-163')	Chloride	9.90	0.2		11.00	0.2		10	0.2		13	0.2		mg Cl/L
DEP-2 (197-217')	Chloride	10.00	0.2		9.60	0.2		9.8	0.2		9.8	0.2		mg Cl/L
DEP-2 (256-276')	Chloride	14.00	0.2		13.00	0.2		13	0.2		13	0.2		mg Cl/L
DEP-2 (300-320')	Chloride	13.00	0.2		12.00	0.2		12	0.2		13	0.2		mg Cl/L
DEP-3 (147-167')	Chloride	15.00	0.2		14.00	0.2		14	0.2		14	0.2		mg Cl/L
DEP-3 (147-167') Dup	Chloride	15.00	0.2		14.00	0.2		14	0.2		14	0.2		mg Cl/L
DEP-3 (195-215')	Chloride	12.00	0.2		12.00	0.2		12	0.2		12	0.2		mg Cl/L
DEP-3 (245-265')	Chloride	13.00	0.2		12.00	0.2		12	0.2		12	0.2		mg Cl/L
DEP-3 (300-320')	Chloride	13.00	0.2		12.00	0.2		12	0.2		13	0.2		mg Cl/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-4 (143-163')	Chloride	13.00	0.2		12.00	0.2		13	0.2		13	0.2	A	mg Cl/L
DEP-4 (208-228')	Chloride	12.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-4 (208-228') Dup	Chloride	12.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-4 (255-275')	Chloride	11.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-4 (300-320')	Chloride	11.00	0.2		11.00	0.2		11	0.2		11	0.2		mg Cl/L
DEP-5 (153-173')	Chloride	8.60	0.2		7.90	0.2		8.2	0.2		8.2	0.2		mg Cl/L
DEP-5 (200-220')	Chloride	13.00	0.2		12.00	0.2		12	0.2		12	0.2		mg Cl/L
DEP-5 (250-270')	Chloride	13.00	0.2		12.00	0.2		12	0.2		12	0.2		mg Cl/L
DEP-5 (300-320')	Chloride	13.00	0.2		11.00	0.2		12	0.2		12	0.2		mg Cl/L
Equipment Blank	Chloride	0.20	0.2	U	0.20	0.2	U	0.2	0.2	U	0.2	0.2	U	mg Cl/L
DEP-1 (145-165')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-1 (205-225')	Chromium				1	1	U				0.3	0.3	I	ug/L
DEP-1 (250-270')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-1 (300-320')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-2 (143-163')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-2 (197-217')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-2 (256-276')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-2 (300-320')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-3 (147-167')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-3 (147-167') Dup	Chromium				1	1	U				0.55	0.3	I	ug/L
DEP-3 (195-215')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-3 (245-265')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-3 (300-320')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-4 (143-163')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-4 (208-228')	Chromium				1	1	U				0.3	0.3	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-4 (208-228') Dup	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-4 (255-275')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-4 (300-320')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-5 (153-173')	Chromium				1	1	U				0.36	0.3	I	ug/L
DEP-5 (200-220')	Chromium				1	1	U				0.6	0.3	I	ug/L
DEP-5 (250-270')	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-5 (300-320')	Chromium				1	1	U				0.3	0.3	U	ug/L
Equipment Blank	Chromium				1	1	U				0.3	0.3	U	ug/L
DEP-1 (145-165')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-1 (205-225')	Copper				0.5	0.5	U				0.52	0.5		ug/L
DEP-1 (250-270')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-1 (300-320')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-2 (143-163')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-2 (197-217')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-2 (256-276')	Copper				0.52	0.5	I				0.5	0.5	U	ug/L
DEP-2 (300-320')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-3 (147-167')	Copper				0.72	0.5	I				0.5	0.5	U	ug/L
DEP-3 (147-167') Dup	Copper				0.5	0.5	U				0.57	0.5		ug/L
DEP-3 (195-215')	Copper				1.1	0.5	I				0.5	0.5	U	ug/L
DEP-3 (245-265')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-3 (300-320')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-4 (143-163')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-4 (208-228')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-4 (208-228') Dup	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-4 (255-275')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-4 (300-320')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-5 (153-173')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-5 (200-220')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
DEP-5 (250-270')	Copper				3	0.5					0.5	0.5	U	ug/L
DEP-5 (300-320')	Copper				0.5	0.5	U				0.5	0.5	U	ug/L
Equipment Blank	Copper				1.5	0.5	I				0.5	0.5	U	ug/L
DEP-1 (145-165')	Fluoride	1.1	0.05		1.1	0.05		0.81	0.05		0.65	0.05		mg F/L
DEP-1 (205-225')	Fluoride	0.36	0.05		0.35	0.05		0.31	0.05		0.34	0.05		mg F/L
DEP-1 (250-270')	Fluoride	0.36	0.05		0.35	0.05		0.3	0.05		0.34	0.05		mg F/L
DEP-1 (300-320')	Fluoride	0.36	0.05		0.35	0.05		0.31	0.05		0.34	0.05		mg F/L
DEP-2 (143-163')	Fluoride	0.58	0.05		0.57	0.05		0.5	0.05		0.56	0.05		mg F/L
DEP-2 (197-217')	Fluoride	0.6	0.05		0.6	0.05		0.56	0.05		0.59	0.05		mg F/L
DEP-2 (256-276')	Fluoride	0.37	0.05		0.36	0.05		0.33	0.05		0.34	0.05	A	mg F/L
DEP-2 (300-320')	Fluoride	0.36	0.05		0.34	0.05		0.32	0.05		0.34	0.05		mg F/L
DEP-3 (147-167')	Fluoride	0.68	0.05		0.64	0.05		0.6	0.05		0.64	0.05		mg F/L
DEP-3 (147-167') Dup	Fluoride	0.67	0.05		0.65	0.05		0.6	0.05		0.65	0.05		mg F/L
DEP-3 (195-215')	Fluoride	0.38	0.05		0.36	0.05		0.34	0.05		0.35	0.05		mg F/L
DEP-3 (245-265')	Fluoride	0.37	0.05		0.36	0.05		0.32	0.05		0.34	0.05		mg F/L
DEP-3 (300-320')	Fluoride	0.37	0.05		0.36	0.05		0.33	0.05		0.35	0.05		mg F/L
DEP-4 (143-163')	Fluoride	0.71	0.05		0.7	0.05		0.64	0.05		0.66	0.05		mg F/L
DEP-4 (208-228')	Fluoride	0.41	0.05		0.4	0.05		0.38	0.05		0.39	0.05		mg F/L
DEP-4 (208-228') Dup	Fluoride	0.41	0.05		0.4	0.05		0.37	0.05		0.39	0.05		mg F/L
DEP-4 (255-275')	Fluoride	0.38	0.05		0.38	0.05		0.33	0.05		0.36	0.05		mg F/L
DEP-4 (300-320')	Fluoride	0.39	0.05		0.38	0.05		0.37	0.05		0.36	0.05		mg F/L
DEP-5 (153-173')	Fluoride	0.43	0.05		0.41	0.05		0.38	0.05		0.38	0.05		mg F/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-5 (200-220')	Fluoride	0.45	0.05	A	0.4	0.05		0.38	0.05		0.38	0.05		mg F/L
DEP-5 (250-270')	Fluoride	0.37	0.05		0.36	0.05		0.36	0.05		0.35	0.05		mg F/L
DEP-5 (300-320')	Fluoride	0.35	0.05		0.35	0.05		0.33	0.05		0.33	0.05		mg F/L
Equipment Blank	Fluoride	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	mg F/L
DEP-1 (145-165')	Iron	30	30	U	33	30	I	43	30	I	30	30	I	ug/L
DEP-1 (205-225')	Iron	30	30	U	52	30	I	30	30	U	30	30	U	ug/L
DEP-1 (250-270')	Iron	46	30	I	30	30	U	30	30	U	30	30	U	ug/L
DEP-1 (300-320')	Iron	52	30	I	51	30	I	47	30	I	30	30	U	ug/L
DEP-2 (143-163')	Iron	150	30		170	30		190	30		200	30		ug/L
DEP-2 (197-217')	Iron	30	30	U	30	30	U	30	30	U	30	30	U	ug/L
DEP-2 (256-276')	Iron	200	30		170	30		170	30		110	30	I	ug/L
DEP-2 (300-320')	Iron	34	30	I	30	30	U	31	30	I	30	30	U	ug/L
DEP-3 (147-167')	Iron	220	30		220	30		250	30		190	30		ug/L
DEP-3 (147-167') Dup	Iron	230	30		220	30	A	240	30		240	30		ug/L
DEP-3 (195-215')	Iron	30	30	U	30	30	U	30	30	U	30	30	U	ug/L
DEP-3 (245-265')	Iron	45	30	I	46	30	I	30	30	U	30	30	U	ug/L
DEP-3 (300-320')	Iron	450	30		65	30	I	95	30	I	33	30	I	ug/L
DEP-4 (143-163')	Iron	250	30		190	30		200	30		220	30		ug/L
DEP-4 (208-228')	Iron	170	30		100	30	I	72	30	I	45	30	I	ug/L
DEP-4 (208-228') Dup	Iron	180	30		110	30	I	82	30	I	45	30	I	ug/L
DEP-4 (255-275')	Iron	44	30	I	48	30	I	40	30	I	30	30	U	ug/L
DEP-4 (300-320')	Iron	330	30		200	30		180	30		89	30	I	ug/L
DEP-5 (153-173')	Iron	180	30		140	30		130	30		61	30	I	ug/L
DEP-5 (200-220')	Iron	310	30		230	30		220	30		240	30		ug/L
DEP-5 (250-270')	Iron	72	30	I	50	30	I	30	30	U	30	30	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-5 (300-320')	Iron	48	30	I	48	30	I	35	30	I	30	30	U	ug/L
Equipment Blank	Iron	30	30	U	30	30	U	30	30	U	30	30	U	ug/L
DEP-1 (145-165')	Kjeldahl Nitrogen	0.54	0.08		0.51	0.08		0.38	0.08		0.26	0.08		mg N/L
DEP-1 (205-225')	Kjeldahl Nitrogen	0.3	0.08		0.35	0.08		0.4	0.08		0.31	0.08		mg N/L
DEP-1 (250-270')	Kjeldahl Nitrogen	0.27	0.08	J	0.35	0.08		0.39	0.08		0.34	0.08		mg N/L
DEP-1 (300-320')	Kjeldahl Nitrogen	0.28	0.08		0.34	0.08		0.38	0.08		0.37	0.08		mg N/L
DEP-2 (143-163')	Kjeldahl Nitrogen	0.08	0.08	U	0.091	0.08	I	0.08	0.08	U	0.14	0.08	I	mg N/L
DEP-2 (197-217')	Kjeldahl Nitrogen	0.32	0.08		0.29	0.08		0.36	0.08		0.38	0.08		mg N/L
DEP-2 (256-276')	Kjeldahl Nitrogen	0.29	0.08		0.24	0.08		0.37	0.08		0.36	0.08		mg N/L
DEP-2 (300-320')	Kjeldahl Nitrogen	0.27	0.08		0.26	0.08		0.34	0.08		0.38	0.08		mg N/L
DEP-3 (147-167')	Kjeldahl Nitrogen	0.22	0.08		0.25	0.08		0.26	0.08		0.3	0.08		mg N/L
DEP-3 (147-167') Dup	Kjeldahl Nitrogen	0.2	0.08		0.24	0.08		0.28	0.08		0.39	0.08		mg N/L
DEP-3 (195-215')	Kjeldahl Nitrogen	0.37	0.08		0.32	0.08	J	0.43	0.08		0.4	0.08		mg N/L
DEP-3 (245-265')	Kjeldahl Nitrogen	0.26	0.08		0.3	0.08		0.4	0.08		0.41	0.08		mg N/L
DEP-3 (300-320')	Kjeldahl Nitrogen	0.31	0.08		0.28	0.08		0.39	0.08		0.35	0.08		mg N/L
DEP-4 (143-163')	Kjeldahl Nitrogen	0.27	0.08		0.27	0.08		0.34	0.08		0.42	0.08		mg N/L
DEP-4 (208-228')	Kjeldahl Nitrogen	0.28	0.08		0.31	0.08		0.42	0.08	J	0.41	0.08		mg N/L
DEP-4 (208-228') Dup	Kjeldahl Nitrogen	0.3	0.08		0.27	0.08		0.43	0.08		0.43	0.08		mg N/L
DEP-4 (255-275')	Kjeldahl Nitrogen	0.27	0.08		0.29	0.08		0.3	0.08		0.34	0.08		mg N/L
DEP-4 (300-320')	Kjeldahl Nitrogen	0.21	0.08		0.25	0.08		0.3	0.08		0.29	0.08		mg N/L
DEP-5 (153-173')	Kjeldahl Nitrogen	0.2	0.08		0.26	0.08		0.27	0.08		0.26	0.08		mg N/L
DEP-5 (200-220')	Kjeldahl Nitrogen	0.28	0.08		0.29	0.08		0.35	0.08		0.44	0.08		mg N/L
DEP-5 (250-270')	Kjeldahl Nitrogen	0.33	0.08		0.35	0.08		0.47	0.08		0.46	0.08		mg N/L
DEP-5 (300-320')	Kjeldahl Nitrogen	0.34	0.08		0.31	0.08		0.35	0.08		0.38	0.08		mg N/L
Equipment Blank	Kjeldahl Nitrogen	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	mg N/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (145-165')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-1 (205-225')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-1 (250-270')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-1 (300-320')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-2 (143-163')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-2 (197-217')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-2 (256-276')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-2 (300-320')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-3 (147-167')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-3 (147-167') Dup	Lead				0.2	0.2	U				1.32	0.2		ug/L
DEP-3 (195-215')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-3 (245-265')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-3 (300-320')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-4 (143-163')	Lead				0.2	0.2	U				0.29	0.2	I	ug/L
DEP-4 (208-228')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-4 (208-228') Dup	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-4 (255-275')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-4 (300-320')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-5 (153-173')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-5 (200-220')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-5 (250-270')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-5 (300-320')	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
Equipment Blank	Lead				0.2	0.2	U				0.2	0.2	U	ug/L
DEP-1 (145-165')	Magnesium	7.8	0.04		7.4	0.04		7.6	0.04	A	7.58	0.04		mg/L
DEP-1 (205-225')	Magnesium	13.5	0.04		13.5	0.04		13.2	0.04		13	0.04		mg/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (250-270')	Magnesium	13.3	0.04		13	0.04		12.8	0.04		12.4	0.04	A	mg/L
DEP-1 (300-320')	Magnesium	13.2	0.04		13.2	0.04		12.6	0.04		12.7	0.04		mg/L
DEP-2 (143-163')	Magnesium	11	0.04		11.5	0.04		10.7	0.04		12.7	0.04		mg/L
DEP-2 (197-217')	Magnesium	12.5	0.04		12.4	0.04		12.4	0.04		12.2	0.04		mg/L
DEP-2 (256-276')	Magnesium	14	0.04		14.1	0.04		13.5	0.04		13.5	0.04		mg/L
DEP-2 (300-320')	Magnesium	14.1	0.04	A	14.2	0.04		13.8	0.04		14.2	0.04		mg/L
DEP-3 (147-167')	Magnesium	14.8	0.04		14.5	0.04		14.6	0.04		14.7	0.04		mg/L
DEP-3 (147-167') Dup	Magnesium	15.1	0.04		14.4	0.04	A	14.7	0.04		14.9	0.04		mg/L
DEP-3 (195-215')	Magnesium	14.1	0.04		13.6	0.04		13.9	0.04		13.4	0.04		mg/L
DEP-3 (245-265')	Magnesium	13.5	0.04		13.3	0.04		13.2	0.04		13.1	0.04		mg/L
DEP-3 (300-320')	Magnesium	13.6	0.04		12.9	0.04		13.6	0.04		12.8	0.04		mg/L
DEP-4 (143-163')	Magnesium	16.8	0.04		15.9	0.04		15.6	0.04		15.1	0.04		mg/L
DEP-4 (208-228')	Magnesium	14.1	0.04		13.3	0.04		13	0.04		12.1	0.04		mg/L
DEP-4 (208-228') Dup	Magnesium	14.3	0.04		13.7	0.04		12.7	0.04		12.2	0.04		mg/L
DEP-4 (255-275')	Magnesium	14.2	0.04		13.3	0.04		14	0.04		13.7	0.04		mg/L
DEP-4 (300-320')	Magnesium	14.3	0.04		13.4	0.04		13.7	0.04		13.1	0.04		mg/L
DEP-5 (153-173')	Magnesium	13.9	0.04		13.9	0.04		14	0.04		13.9	0.04		mg/L
DEP-5 (200-220')	Magnesium	14.9	0.04		15	0.04		14.7	0.04		14	0.04		mg/L
DEP-5 (250-270')	Magnesium	13.1	0.04		12.5	0.04		12.4	0.04		12.1	0.04		mg/L
DEP-5 (300-320')	Magnesium	13.3	0.04		13.5	0.04		13.3	0.04		13.2	0.04		mg/L
Equipment Blank	Magnesium	0.04	0.04	U	0.04	0.04	U	0.04	0.04	U	0.04	0.04	U	mg/L
DEP-1 (145-165')	Manganese				1.63	0.2					1.7	0.75	I	ug/L
DEP-1 (205-225')	Manganese				1.41	0.2					0.75	0.75	U	ug/L
DEP-1 (250-270')	Manganese				2.54	0.2					0.89	0.75	I	ug/L
DEP-1 (300-320')	Manganese				17.9	0.2					8.3	0.75		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
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Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-2 (143-163')	Manganese				5.93	0.2					7.2	0.75		ug/L
DEP-2 (197-217')	Manganese				0.97	0.2					0.75	0.75	U	ug/L
DEP-2 (256-276')	Manganese				4.93	0.2					2.8	0.75	I	ug/L
DEP-2 (300-320')	Manganese				2.87	0.2					1.2	0.75	I	ug/L
DEP-3 (147-167')	Manganese				7.68	0.2					5.7	0.75		ug/L
DEP-3 (147-167') Dup	Manganese				7.7	0.2	A				5.5	0.75		ug/L
DEP-3 (195-215')	Manganese				1.15	0.2					0.75	0.75	U	ug/L
DEP-3 (245-265')	Manganese				4.06	0.2					2.3	0.75	I	ug/L
DEP-3 (300-320')	Manganese				6.83	0.2					3.7	0.75		ug/L
DEP-4 (143-163')	Manganese				7.47	0.2					5.7	0.75		ug/L
DEP-4 (208-228')	Manganese				3.49	0.2					1.8	0.75	I	ug/L
DEP-4 (208-228') Dup	Manganese				3.4	0.2					1.7	0.75	I	ug/L
DEP-4 (255-275')	Manganese				2.97	0.2					1.3	0.75	I	ug/L
DEP-4 (300-320')	Manganese				6.97	0.2					3.3	0.75		ug/L
DEP-5 (153-173')	Manganese				8.53	0.2					6	0.75		ug/L
DEP-5 (200-220')	Manganese				6.3	0.2					8.2	0.75		ug/L
DEP-5 (250-270')	Manganese				2.24	0.2					0.89	0.75	I	ug/L
DEP-5 (300-320')	Manganese				2.43	0.2					0.96	0.75	I	ug/L
Equipment Blank	Manganese				0.2	0.2	U				0.75	0.75	U	ug/L
DEP-1 (145-165')	Molybdenum	1570	1.5		1080	1.5		615	1.5	A	292	0.75		ug/L
DEP-1 (205-225')	Molybdenum	1.58	0.15		1.94	0.15		0.72	0.15		0.46	0.15	I	ug/L
DEP-1 (250-270')	Molybdenum	33	0.15		12.8	0.15		6.1	0.15		4.72	0.15	A	ug/L
DEP-1 (300-320')	Molybdenum	0.49	0.15	I	0.25	0.15	I	0.3	0.15	I	0.19	0.15	I	ug/L
DEP-2 (143-163')	Molybdenum	2410	3		2790	3		2670	3		3930	7.5		ug/L
DEP-2 (197-217')	Molybdenum	224	0.3		345	0.3		520	1.5		654	0.75		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
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Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-2 (256-276')	Molybdenum	133	0.15		91.5	0.15		37.4	0.15		11.4	0.15		ug/L
DEP-2 (300-320')	Molybdenum	1.17	0.15	A	0.74	0.15		0.25	0.15	I	0.23	0.15	I	ug/L
DEP-3 (147-167')	Molybdenum	4060	6		4340	6		4470	7.5		5050	7.5		ug/L
DEP-3 (147-167') Dup	Molybdenum	4080	6		4390	6	A	4990	7.5		5240	7.5		ug/L
DEP-3 (195-215')	Molybdenum	1.59	0.15		0.4	0.15	I	0.85	0.15		1.17	0.15		ug/L
DEP-3 (245-265')	Molybdenum	2.36	0.15		1.51	0.15	J	0.15	0.15	U	0.46	0.15	I	ug/L
DEP-3 (300-320')	Molybdenum	1.72	0.15		0.93	0.34	I	0.55	0.15	I	0.51	0.15	I	ug/L
DEP-4 (143-163')	Molybdenum	131	0.15		106	0.15		92	0.15		111	0.15		ug/L
DEP-4 (208-228')	Molybdenum	198	0.3		108	0.15		56.5	0.15		18.6	0.15		ug/L
DEP-4 (208-228') Dup	Molybdenum	199	0.3		107	0.15		51.5	0.15		19.5	0.15		ug/L
DEP-4 (255-275')	Molybdenum	35.5	0.15		26.2	0.15		20.3	0.15		8.8	0.15		ug/L
DEP-4 (300-320')	Molybdenum	1.86	0.15		0.87	0.15		0.31	0.15	I	0.21	0.15	I	ug/L
DEP-5 (153-173')	Molybdenum	4.78	0.15		2.01	0.15		1.22	0.15		1.22	0.15		ug/L
DEP-5 (200-220')	Molybdenum	1.19	0.15		0.46	0.15	I	0.17	0.15	I	0.37	0.15	I	ug/L
DEP-5 (250-270')	Molybdenum	39.1	0.15		28.9	0.15		6.25	0.15		1.43	0.15		ug/L
DEP-5 (300-320')	Molybdenum	0.37	0.15	I	0.25	0.15	I	0.15	0.15	U	0.15	0.15	U	ug/L
Equipment Blank	Molybdenum	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	ug/L
DEP-1 (145-165')	Nickel	0.25	0.25	U	0.26	0.25	I	0.28	0.25	I	0.25	0.25	U	ug/L
DEP-1 (205-225')	Nickel	0.25	0.25	U	0.27	0.25	I	0.36	0.25	I	0.34	0.25	I	ug/L
DEP-1 (250-270')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-1 (300-320')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-2 (143-163')	Nickel	1.21	0.25		0.97	0.25	I	1.33	0.25		0.97	0.25	I	ug/L
DEP-2 (197-217')	Nickel	0.25	0.25	U	0.48	0.25	I	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-2 (256-276')	Nickel	0.69	0.25	I	0.38	0.25	I	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-2 (300-320')	Nickel	0.57	0.25	I	0.25	0.25	U	0.62	0.25	I	0.25	0.25	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-3 (147-167')	Nickel	0.25	0.25	U	0.31	0.25	I	0.86	0.25	I	0.27	0.25	I	ug/L
DEP-3 (147-167') Dup	Nickel	0.43	0.43	I	0.29	0.25	I	0.34	0.25	I	0.64	0.25	I	ug/L
DEP-3 (195-215')	Nickel	0.25	0.25	U	0.55	0.25	I	0.46	0.25	I	0.25	0.25	U	ug/L
DEP-3 (245-265')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-3 (300-320')	Nickel	0.25	0.25	U	0.25	0.25	U	0.39	0.25	I	0.25	0.25	U	ug/L
DEP-4 (143-163')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-4 (208-228')	Nickel	0.25	0.25	U	0.25	0.25	U	0.36	0.25	I	0.25	0.25	U	ug/L
DEP-4 (208-228') Dup	Nickel	0.25	0.25	U	0.32	0.25	I	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-4 (255-275')	Nickel	0.25	0.25	U	0.25	0.25	U	0.35	0.25	I	0.25	0.25	U	ug/L
DEP-4 (300-320')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-5 (153-173')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-5 (200-220')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-5 (250-270')	Nickel	2.19	0.41		0.25	0.25	U	0.3	0.25	I	0.25	0.25	U	ug/L
DEP-5 (300-320')	Nickel	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	ug/L
Equipment Blank	Nickel	0.41	0.41	U	0.43	0.25	I	0.25	0.25	U	0.25	0.25	U	ug/L
DEP-1 (145-165')	NO2NO3-N	0.330	0.004		0.055	0.004	J	0.006	0.004	I	0.005	0.004	I	mg N/L
DEP-1 (205-225')	NO2NO3-N	0.006	0.004	I	0.004	0.004	I	0.005	0.004	I	0.005	0.004	I	mg N/L
DEP-1 (250-270')	NO2NO3-N	0.006	0.004	I	0.007	0.004	I	0.006	0.004	I	0.007	0.004	I	mg N/L
DEP-1 (300-320')	NO2NO3-N	0.006	0.004	I	0.004	0.004	I	0.004	0.004	U	0.004	0.004	U	mg N/L
DEP-2 (143-163')	NO2NO3-N	0.007	0.004	I	0.006	0.004	I	0.014	0.004		0.004	0.004	U	mg N/L
DEP-2 (197-217')	NO2NO3-N	0.005	0.004	I	0.004	0.004	U	0.005	0.004	I	0.004	0.004	U	mg N/L
DEP-2 (256-276')	NO2NO3-N	0.007	0.004	I	0.007	0.004	I	0.004	0.004	I	0.005	0.004	I	mg N/L
DEP-2 (300-320')	NO2NO3-N	0.006	0.004	I	0.004	0.004	I	0.005	0.004	I	0.005	0.004	I	mg N/L
DEP-3 (147-167')	NO2NO3-N	0.006	0.004	I	0.005	0.004	I	0.004	0.004	U	0.004	0.004	I	mg N/L
DEP-3 (147-167') Dup	NO2NO3-N	0.006	0.004	I	0.005	0.004	I	0.004	0.004	U	0.014	0.004		mg N/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-3 (195-215')	NO2NO3-N	0.004	0.004	I	0.006	0.004	I	0.006	0.004	I	0.004	0.004	U	mg N/L
DEP-3 (245-265')	NO2NO3-N	0.006	0.004	I	0.005	0.004	I	0.007	0.004	I	0.004	0.004	U	mg N/L
DEP-3 (300-320')	NO2NO3-N	0.010	0.004		0.006	0.004	I	0.005	0.004	I	0.004	0.004	U	mg N/L
DEP-4 (143-163')	NO2NO3-N	0.006	0.004	I	0.006	0.004	I	0.004	0.004	U	0.018	0.004		mg N/L
DEP-4 (208-228')	NO2NO3-N	0.008	0.004	I	0.006	0.004	I	0.005	0.004	I	0.005	0.004	I	mg N/L
DEP-4 (208-228') Dup	NO2NO3-N	0.008	0.004	I	0.005	0.004	I	0.005	0.004	I	0.006	0.004	I	mg N/L
DEP-4 (255-275')	NO2NO3-N	0.006	0.004	I	0.005	0.004	I	0.005	0.004	I	0.005	0.004	I	mg N/L
DEP-4 (300-320')	NO2NO3-N	0.007	0.004	I	0.007	0.004	I	0.01	0.004	I	0.007	0.004	I	mg N/L
DEP-5 (153-173')	NO2NO3-N	0.008	0.004	I	0.006	0.004	I	0.006	0.004	I	0.007	0.004	I	mg N/L
DEP-5 (200-220')	NO2NO3-N	0.008	0.004	I	0.007	0.004	I	0.005	0.004	I	0.006	0.004	I	mg N/L
DEP-5 (250-270')	NO2NO3-N	0.005	0.004	I	0.005	0.004	I	0.005	0.004	I	0.005	0.004	I	mg N/L
DEP-5 (300-320')	NO2NO3-N	0.005	0.004	I	0.005	0.004	I	0.006	0.004	I	0.004	0.004	I	mg N/L
Equipment Blank	NO2NO3-N	0.004	0.004	U	0.004	0.004	U	0.004	0.004	U	0.004	0.004	U	mg N/L
DEP-1 (145-165')	Potassium	3.97	0.3		3.19	0.3		2.23	0.3	A	1.4	0.3		mg/L
DEP-1 (205-225')	Potassium	1.14	0.3	I	0.93	0.3	I	0.94	0.3	I	0.96	0.3	I	mg/L
DEP-1 (250-270')	Potassium	1.31	0.3		1.03	0.3	I	1.09	0.3	I	1.1	0.3	I	mg/L
DEP-1 (300-320')	Potassium	0.95	0.3	I	0.88	0.3	I	0.91	0.3	I	0.9	0.3	I	mg/L
DEP-2 (143-163')	Potassium	0.75	0.3	I	0.67	0.3	I	0.61	0.3	I	0.75	0.3	I	mg/L
DEP-2 (197-217')	Potassium	0.95	0.3	I	0.82	0.3	I	1.01	0.3	I	0.95	0.3	I	mg/L
DEP-2 (256-276')	Potassium	1.06	0.3	I	0.91	0.3	I	0.89	0.3	I	0.9	0.3	I	mg/L
DEP-2 (300-320')	Potassium	1.09	0.3	I	0.84	0.3	I	0.92	0.3	I	0.97	0.3	I	mg/L
DEP-3 (147-167')	Potassium	1.05	0.3	I	0.93	0.3	I	0.96	0.3	I	1	0.3	I	mg/L
DEP-3 (147-167') Dup	Potassium	1.12	0.3	I	0.87	0.3	I	0.93	0.3	I	1.6	0.3		mg/L
DEP-3 (195-215')	Potassium	1.28	0.3		0.79	0.3	I	0.94	0.3	I	0.9	0.3	I	mg/L
DEP-3 (245-265')	Potassium	1.22	0.3		0.88	0.3	I	0.91	0.3	I	0.86	0.3	I	mg/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-3 (300-320')	Potassium	1.13	0.3	I	0.9	0.3	I	0.97	0.3	I	0.91	0.3	I	mg/L
DEP-4 (143-163')	Potassium	1.24	0.3		1.03	0.3	I	1.02	0.3	I	1.1	0.3	I	mg/L
DEP-4 (208-228')	Potassium	1.2	0.3		0.85	0.3	I	0.97	0.3	I	1.5	0.3		mg/L
DEP-4 (208-228') Dup	Potassium	1.08	0.3	I	0.84	0.3	I	0.98	0.3	I	1.4	0.3		mg/L
DEP-4 (255-275')	Potassium	0.93	0.3	I	0.8	0.3	I	0.85	0.3	I	0.83	0.3	I	mg/L
DEP-4 (300-320')	Potassium	1.04	0.3	I	0.8	0.3	I	0.87	0.3	I	0.94	0.3	I	mg/L
DEP-5 (153-173')	Potassium	1.12	0.3	I	0.94	0.3	I	0.99	0.3	I	0.91	0.3	I	mg/L
DEP-5 (200-220')	Potassium	1.26	0.3		0.91	0.3	I	1.01	0.3	I	0.95	0.3	I	mg/L
DEP-5 (250-270')	Potassium	1.03	0.3	I	1.14	0.3	I	1.65	0.3		1.8	0.3		mg/L
DEP-5 (300-320')	Potassium	0.85	0.3	I	0.81	0.3	I	0.9	0.3	I	0.94	0.3	I	mg/L
Equipment Blank	Potassium	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	mg/L
DEP-1 (145-165')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-1 (205-225')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-1 (250-270')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-1 (300-320')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-2 (143-163')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-2 (197-217')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-2 (256-276')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-2 (300-320')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-3 (147-167')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-3 (147-167') Dup	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-3 (195-215')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-3 (245-265')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-3 (300-320')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-4 (143-163')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
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Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-4 (208-228')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-4 (208-228') Dup	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-4 (255-275')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-4 (300-320')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-5 (153-173')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-5 (200-220')	Selenium	1	1	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-5 (250-270')	Selenium	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-5 (300-320')	Selenium	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
Equipment Blank	Selenium	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.2	0.2	U	ug/L
DEP-1 (145-165')	Silica	19.9	0.25	A	22.6	0.25		24.4	0.25	A	26	0.1		mg/L
DEP-1 (205-225')	Silica	22.5	0.25		23.5	0.25		20.3	0.25		23	0.1		mg/L
DEP-1 (250-270')	Silica	22.6	0.25		23.1	0.25		19.5	0.25		22.4	0.1		mg/L
DEP-1 (300-320')	Silica	22.7	0.25		23.2	0.25		21.4	0.25		23.2	0.1		mg/L
DEP-2 (143-163')	Silica	20.8	0.25		21.9	0.25		18.9	0.25		21.2	0.1		mg/L
DEP-2 (197-217')	Silica	34.5	0.25		34.8	0.25		31.9	0.25		33.3	0.1	A	mg/L
DEP-2 (256-276')	Silica	22.9	0.25		23.5	0.25		21.6	0.25		23.4	0.1		mg/L
DEP-2 (300-320')	Silica	22.5	0.25		22.9	0.25		21	0.25		22.9	0.1		mg/L
DEP-3 (147-167')	Silica	26.6	0.25		27.2	0.25		24.6	0.25		27.2	0.1		mg/L
DEP-3 (147-167') Dup	Silica	27.3	0.25		27.1	0.25		25.1	0.25	A	27.4	0.1		mg/L
DEP-3 (195-215')	Silica	24.4	0.25		24.4	0.25		23	0.25		24.5	0.1		mg/L
DEP-3 (245-265')	Silica	23.8	0.25		23.8	0.25	A	22.6	0.25		23.9	0.1		mg/L
DEP-3 (300-320')	Silica	21.7	0.25		22.8	0.25		21.9	0.25		23.5	0.1		mg/L
DEP-4 (143-163')	Silica	33.8	0.25		35.7	0.25		33.3	0.25		36.9	0.1		mg/L
DEP-4 (208-228')	Silica	24	0.25		24.8	0.25		22.6	0.25		23.9	0.1		mg/L
DEP-4 (208-228') Dup	Silica	24.4	0.25		24.8	0.25		23.1	0.25		23.9	0.1		mg/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
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Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-4 (255-275')	Silica	23.9	0.25		24.2	0.25		23.2	0.25		24.1	0.1		mg/L
DEP-4 (300-320')	Silica	21.6	0.25		23.2	0.25		22.2	0.25		23.8	0.1		mg/L
DEP-5 (153-173')	Silica	26.2	0.25		26.9	0.25		25.2	0.25		26.9	0.1		mg/L
DEP-5 (200-220')	Silica	21.8	0.25		23.9	0.25		22.6	0.25		23.3	0.1		mg/L
DEP-5 (250-270')	Silica	22.4	0.25		22.4	0.25		21.5	0.25		22.3	0.1		mg/L
DEP-5 (300-320')	Silica	22.6	0.25		23.5	0.25		22.2	0.25		22.6	0.1		mg/L
Equipment Blank	Silica	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.12	0.1	I	mg/L
DEP-1 (145-165')	Sodium	10.9	0.5		10	0.5		9.2	0.5	A	8.9	0.5		mg/L
DEP-1 (205-225')	Sodium	9.7	0.5		9.7	0.5		9.6	0.5		9.1	0.5		mg/L
DEP-1 (250-270')	Sodium	11.4	0.5		10.9	0.5		10.7	0.5		10.5	0.5	A	mg/L
DEP-1 (300-320')	Sodium	11.4	0.5		10.3	0.5		11.7	0.5		10.9	0.5		mg/L
DEP-2 (143-163')	Sodium	6.9	0.5		7	0.5		6.7	0.5		8	0.5		mg/L
DEP-2 (197-217')	Sodium	11.2	0.5		10.6	0.5		10.8	0.5		10.1	0.5		mg/L
DEP-2 (256-276')	Sodium	11.4	0.5		11	0.5		10.7	0.5		10	0.5		mg/L
DEP-2 (300-320')	Sodium	10.2	0.5	A	9.7	0.5		9.8	0.5		10.1	0.5		mg/L
DEP-3 (147-167')	Sodium	13.5	0.5		14.9	0.5		13.6	0.5		13	0.5		mg/L
DEP-3 (147-167') Dup	Sodium	13.8	0.5		14.6	0.5	A	13.5	0.5		11.8	0.5		mg/L
DEP-3 (195-215')	Sodium	10.8	0.5		9.9	0.5		10.5	0.5		9.7	0.5		mg/L
DEP-3 (245-265')	Sodium	10.9	0.5		10.4	0.5		9.9	0.5		9.5	0.5		mg/L
DEP-3 (300-320')	Sodium	14.1	0.5		13.8	0.5		12.8	0.5		12	0.5		mg/L
DEP-4 (143-163')	Sodium	14.6	0.5		13.7	0.5		14	0.5		13.2	0.5		mg/L
DEP-4 (208-228')	Sodium	11.5	0.5		10.8	0.5		11.5	0.5		10.5	0.5		mg/L
DEP-4 (208-228') Dup	Sodium	11.6	0.5		10.7	0.5		11.3	0.5		10.4	0.5		mg/L
DEP-4 (255-275')	Sodium	10.7	0.5		10.1	0.5		10.2	0.5		9.5	0.5		mg/L
DEP-4 (300-320')	Sodium	11.1	0.5		9.7	0.5		9.8	0.5		9.3	0.5		mg/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-5 (153-173')	Sodium	9.3	0.5		8.6	0.5		8.9	0.5		8.4	0.5		mg/L
DEP-5 (200-220')	Sodium	10.7	0.5		10.3	0.5		10.5	0.5		9.9	0.5		mg/L
DEP-5 (250-270')	Sodium	11.9	0.5		12.2	0.5		12	0.5		10.4	0.5		mg/L
DEP-5 (300-320')	Sodium	9.9	0.5		9.7	0.5		9.9	0.5		9.5	0.5		mg/L
Equipment Blank	Sodium	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	mg/L
DEP-1 (145-165')	Strontium	680	80		710	80		580	20	A	360	2		ug/L
DEP-1 (205-225')	Strontium	540	80		520	80		519	20		489	2		ug/L
DEP-1 (250-270')	Strontium	520	80		520	80		511	20		474	2	A	ug/L
DEP-1 (300-320')	Strontium	520	80		460	80		514	20		483	2		ug/L
DEP-2 (143-163')	Strontium	210	80	I	110	80	I	161	20		186	2		ug/L
DEP-2 (197-217')	Strontium	460	80		340	80		404	20		383	2		ug/L
DEP-2 (256-276')	Strontium	510	80		580	80		566	20		535	2		ug/L
DEP-2 (300-320')	Strontium	640	80	A	630	80		655	20		643	2		ug/L
DEP-3 (147-167')	Strontium	300	80	I	270	80	I	278	20		269	2		ug/L
DEP-3 (147-167') Dup	Strontium	340	80		220	80	I	273	20		287	2		ug/L
DEP-3 (195-215')	Strontium	620	80		490	80		547	20		519	2		ug/L
DEP-3 (245-265')	Strontium	530	80		520	80		555	20		525	2		ug/L
DEP-3 (300-320')	Strontium	590	80		470	80		559	20		525	2		ug/L
DEP-4 (143-163')	Strontium	320	80		370	80		395	20		363	2		ug/L
DEP-4 (208-228')	Strontium	490	80		460	80		478	20		429	2		ug/L
DEP-4 (208-228') Dup	Strontium	520	80		440	80		467	20		428	2		ug/L
DEP-4 (255-275')	Strontium	470	80		400	80		475	20		447	2		ug/L
DEP-4 (300-320')	Strontium	450	80		480	80		475	20		444	2		ug/L
DEP-5 (153-173')	Strontium	250	80	I	340	80		339	20		325	2		ug/L
DEP-5 (200-220')	Strontium	710	80		560	80		634	20		578	2		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-5 (250-270')	Strontium	680	20		570	80		576	20		549	2		ug/L
DEP-5 (300-320')	Strontium	640	80		610	80		642	20		606	2		ug/L
Equipment Blank	Strontium	20	20	U	80	80	U	20	20	U	2	2	U	ug/L
DEP-1 (145-165')	Sulfate	19	0.2		13	0.2		9	0.2		7.4	0.2		mg SO4/L
DEP-1 (205-225')	Sulfate	9.9	0.2		9.5	0.2		8.6	0.2		9.2	0.2		mg SO4/L
DEP-1 (250-270')	Sulfate	9.3	0.2		10	0.2		10	0.2		4.7	0.2		mg SO4/L
DEP-1 (300-320')	Sulfate	7.8	0.2		6.9	0.2		2.3	0.2		5.6	0.2		mg SO4/L
DEP-2 (143-163')	Sulfate	22	0.2		23	0.2		22	0.2		27	0.2		mg SO4/L
DEP-2 (197-217')	Sulfate	7.9	0.2		7.6	0.2		7.5	0.2		7.3	0.2		mg SO4/L
DEP-2 (256-276')	Sulfate	10	0.2		8.8	0.2		5.7	0.2		5.5	0.2		mg SO4/L
DEP-2 (300-320')	Sulfate	14	0.2		13	0.2		16	0.2		12	0.2		mg SO4/L
DEP-3 (147-167')	Sulfate	24	0.2		22	0.2		21	0.2		22	0.2		mg SO4/L
DEP-3 (147-167') Dup	Sulfate	24	0.2		22	0.2		21	0.2		21	0.2		mg SO4/L
DEP-3 (195-215')	Sulfate	13	0.2		12	0.2		12	0.2		12	0.2		mg SO4/L
DEP-3 (245-265')	Sulfate	12	0.2		10	0.2		11	0.2		12	0.2		mg SO4/L
DEP-3 (300-320')	Sulfate	11	0.2		13	0.2		6.3	0.2		5.7	0.2		mg SO4/L
DEP-4 (143-163')	Sulfate	3.3	0.2		3.1	0.2		2.1	0.2		2.2	0.2	A	mg SO4/L
DEP-4 (208-228')	Sulfate	12	0.2		11	0.2		11	0.2		12	0.2		mg SO4/L
DEP-4 (208-228') Dup	Sulfate	12	0.2		11	0.2		11	0.2		11	0.2		mg SO4/L
DEP-4 (255-275')	Sulfate	14	0.2		9.6	0.2		12	0.2		11	0.2		mg SO4/L
DEP-4 (300-320')	Sulfate	5.9	0.2		5.3	0.2		5.8	0.2		5.8	0.2		mg SO4/L
DEP-5 (153-173')	Sulfate	5.3	0.2		3.5	0.2		5	0.2		4	0.2		mg SO4/L
DEP-5 (200-220')	Sulfate	11	0.2		9.6	0.2		9.7	0.2		8.8	0.2		mg SO4/L
DEP-5 (250-270')	Sulfate	9.9	0.2		8.6	0.2		11	0.2		8.5	0.2		mg SO4/L
DEP-5 (300-320')	Sulfate	6.4	0.2		3.4	0.2		11	0.2		13	0.2		mg SO4/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Equipment Blank	Sulfate	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	mg SO4/L
DEP-1 (145-165')	Sulfide	0.076	0.05	I	0.2	0.05		0.25	0.05	A	0.18	0.05	I	mg S/L
DEP-1 (205-225')	Sulfide	2.5	0.25		2.9	0.25		2.4	0.05		2.4	0.05		mg S/L
DEP-1 (250-270')	Sulfide	2.1	0.25		2.5	0.05		2.4	0.05		2.2	0.05		mg S/L
DEP-1 (300-320')	Sulfide	1.9	0.25		1.9	0.05		2.1	0.05		1.7	0.05		mg S/L
DEP-2 (143-163')	Sulfide	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	mg S/L
DEP-2 (197-217')	Sulfide	1	0.05		0.84	0.05		0.63	0.05		0.72	0.05	A	mg S/L
DEP-2 (256-276')	Sulfide	1.5	0.05		1.1	0.05		1.5	0.05		1.7	0.05		mg S/L
DEP-2 (300-320')	Sulfide	2	0.25		2.9	0.05		2.4	0.05		2.9	0.05		mg S/L
DEP-3 (147-167')	Sulfide	0.15	0.05	I	0.14	0.05	I	0.18	0.05	I	0.075	0.05	I	mg S/L
DEP-3 (147-167') Dup	Sulfide	0.15	0.05	I	0.14	0.05	I	0.19	0.05	I	0.054	0.05	I	mg S/L
DEP-3 (195-215')	Sulfide	2.6	0.25		2.8	0.25		2.3	0.05		2.9	0.05		mg S/L
DEP-3 (245-265')	Sulfide	2.6	0.25		2.2	0.05		2.1	0.05		2.4	0.05		mg S/L
DEP-3 (300-320')	Sulfide	2	0.05		1.5	0.05		1.7	0.05		2.7	0.05		mg S/L
DEP-4 (143-163')	Sulfide	0.1	0.05	I	0.59	0.05		0.51	0.05	A	0.17	0.05	I	mg S/L
DEP-4 (208-228')	Sulfide	0.18	0.05	I	1.1	0.05		1.4	0.05		1.6	0.05		mg S/L
DEP-4 (208-228') Dup	Sulfide	0.16	0.05	I	1.2	0.05		1.4	0.05		1.7	0.05		mg S/L
DEP-4 (255-275')	Sulfide	1.1	0.05		1.8	0.05		1.8	0.05		2.2	0.05		mg S/L
DEP-4 (300-320')	Sulfide	0.78	0.05	JA	1.6	0.05		1.8	0.05		2	0.05		mg S/L
DEP-5 (153-173')	Sulfide	0.052	0.05	I	0.56	0.05		0.76	0.05		1.9	1.9	U	mg S/L
DEP-5 (200-220')	Sulfide	0.69	0.05	A	1.5	0.05		1.2	0.05		1.2	0.05	A	mg S/L
DEP-5 (250-270')	Sulfide	1.9	0.25		2.1	0.25		2.5	0.05		3.1	0.1		mg S/L
DEP-5 (300-320')	Sulfide	1.5	0.05		2.6	0.05		2.8	0.05		2.4	0.05		mg S/L
Equipment Blank	Sulfide	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U	mg S/L
DEP-1 (145-165')	Total-P	0.02	0.02	U	0.02	0.02	U	0.044	0.02	I	0.02	0.004	A	mg P/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (205-225')	Total-P	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	0.01	0.004	I	mg P/L
DEP-1 (250-270')	Total-P	0.03	0.02	I	0.023	0.02	I	0.02	0.02	U	0.011	0.004		mg P/L
DEP-1 (300-320')	Total-P	0.022	0.02	I	0.02	0.02	I	0.02	0.02	U	0.012	0.004		mg P/L
DEP-2 (143-163')	Total-P	0.053	0.02	I	0.041	0.02	I	0.087	0.02		0.053	0.004		mg P/L
DEP-2 (197-217')	Total-P	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	0.004	0.004	I	mg P/L
DEP-2 (256-276')	Total-P	0.021	0.02	I	0.02	0.02	U	0.02	0.02	U	0.011	0.004		mg P/L
DEP-2 (300-320')	Total-P	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	0.008	0.004	I	mg P/L
DEP-3 (147-167')	Total-P	0.037	0.02	I	0.034	0.02	I	0.066	0.02		0.023	0.004		mg P/L
DEP-3 (147-167') Dup	Total-P	0.034	0.02	I	0.039	0.02	I	0.065	0.02		0.031	0.004		mg P/L
DEP-3 (195-215')	Total-P	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U	0.007	0.004	I	mg P/L
DEP-3 (245-265')	Total-P	0.02	0.02	U	0.034	0.02	I	0.022	0.02	I	0.021	0.004		mg P/L
DEP-3 (300-320')	Total-P	0.059	0.02	I	0.033	0.02	I	0.032	0.02	I	0.019	0.004		mg P/L
DEP-4 (143-163')	Total-P	0.041	0.02	I	0.023	0.02	I	0.028	0.02	I	0.048	0.004		mg P/L
DEP-4 (208-228')	Total-P	0.04	0.02	I	0.03	0.02	I	0.02	0.02	U	0.017	0.004		mg P/L
DEP-4 (208-228') Dup	Total-P	0.044	0.02	I	0.021	0.02	I	0.02	0.02	U	0.018	0.004		mg P/L
DEP-4 (255-275')	Total-P	0.026	0.02	I	0.04	0.04	U	0.02	0.02	U	0.012	0.004		mg P/L
DEP-4 (300-320')	Total-P	0.036	0.02	I	0.04	0.04	U	0.025	0.02	I	0.02	0.004		mg P/L
DEP-5 (153-173')	Total-P	0.026	0.02	I	0.04	0.04	U	0.02	0.02	U	0.018	0.004		mg P/L
DEP-5 (200-220')	Total-P	0.074	0.02		0.051	0.04	I	0.029	0.02	I	0.058	0.004		mg P/L
DEP-5 (250-270')	Total-P	0.021	0.02	I	0.04	0.04	U	0.02	0.02	U	0.012	0.004	A	mg P/L
DEP-5 (300-320')	Total-P	0.02	0.02	U	0.04	0.04	U	0.02	0.02	U	0.009	0.004	I	mg P/L
Equipment Blank	Total-P	0.02	0.02	U	0.04	0.04	U	0.02	0.02	U	0.004	0.004	U	mg P/L
DEP-1 (145-165')	Vanadium				27.6	2					25	2		ug/L
DEP-1 (205-225')	Vanadium				2	2	U				2	2	U	ug/L
DEP-1 (250-270')	Vanadium				2	2	U				2	2	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-1 (300-320')	Vanadium				2	2	U				2	2	U	ug/L
DEP-2 (143-163')	Vanadium				10	10	U				2	2	U	ug/L
DEP-2 (197-217')	Vanadium				2	2	U				2	2	U	ug/L
DEP-2 (256-276')	Vanadium				2	2	U				2	2	U	ug/L
DEP-2 (300-320')	Vanadium				2	2	U				2	2	U	ug/L
DEP-3 (147-167')	Vanadium				8	8	U				2	2	U	ug/L
DEP-3 (147-167') Dup	Vanadium				6	6	U				2	2	U	ug/L
DEP-3 (195-215')	Vanadium				2	2	U				2	2	U	ug/L
DEP-3 (245-265')	Vanadium				2	2	U				2	2	U	ug/L
DEP-3 (300-320')	Vanadium				2	2	U				2	2	U	ug/L
DEP-4 (143-163')	Vanadium				2	2	U				2	2	U	ug/L
DEP-4 (208-228')	Vanadium				2	2	U				2	2	U	ug/L
DEP-4 (208-228') Dup	Vanadium				2	2	U				2	2	U	ug/L
DEP-4 (255-275')	Vanadium				2	2	U				2	2	U	ug/L
DEP-4 (300-320')	Vanadium				2	2	U				2	2	U	ug/L
DEP-5 (153-173')	Vanadium				2	2	U				2	2	U	ug/L
DEP-5 (200-220')	Vanadium				2	2	U				2	2	U	ug/L
DEP-5 (250-270')	Vanadium				2	2	U				2	2	U	ug/L
DEP-5 (300-320')	Vanadium				2	2	U				2	2	U	ug/L
Equipment Blank	Vanadium				2	2	U				2	2	U	ug/L
DEP-1 (145-165')	Zinc				5	5	U				5	5	U	ug/L
DEP-1 (205-225')	Zinc				5	5	U				5	5	U	ug/L
DEP-1 (250-270')	Zinc				5	5	U				5	5	U	ug/L
DEP-1 (300-320')	Zinc				5	5	U				5	5	U	ug/L
DEP-2 (143-163')	Zinc				5	5	U				5	5	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
DEP-2 (197-217')	Zinc				5	5	U				5	5	U	ug/L
DEP-2 (256-276')	Zinc				5	5	U				5	5	U	ug/L
DEP-2 (300-320')	Zinc				5	5	U				5	5	U	ug/L
DEP-3 (147-167')	Zinc				5	5	U				5	5	U	ug/L
DEP-3 (147-167') Dup	Zinc				5	5	U				12	5	I	ug/L
DEP-3 (195-215')	Zinc				5	5	U				5	5	U	ug/L
DEP-3 (245-265')	Zinc				5	5	U				5	5	U	ug/L
DEP-3 (300-320')	Zinc				5	5	U				5	5	U	ug/L
DEP-4 (143-163')	Zinc				5	5	U				5	5	U	ug/L
DEP-4 (208-228')	Zinc				5	5	U				5	5	U	ug/L
DEP-4 (208-228') Dup	Zinc				5	5	U				5	5	U	ug/L
DEP-4 (255-275')	Zinc				5	5	U				5	5	U	ug/L
DEP-4 (300-320')	Zinc				5	5	U				5.3	5	I	ug/L
DEP-5 (153-173')	Zinc				5	5	U				5	5	U	ug/L
DEP-5 (200-220')	Zinc				5	5	U				5	5	U	ug/L
DEP-5 (250-270')	Zinc				5	5	U				5	5	U	ug/L
DEP-5 (300-320')	Zinc				5	5	U				5	5	U	ug/L
Equipment Blank	Zinc				5	5	U				5	5	U	ug/L
Surficial MW-1	Alkalinity										87	0.65		mg CaCO3/L
Surficial MW-2	Alkalinity										155	0.65		mg CaCO3/L
Surficial MW-3	Alkalinity										31	0.65		mg CaCO3/L
Surficial MW-4	Alkalinity										86	0.65		mg CaCO3/L
Surficial MW-5	Alkalinity										32	0.65		mg CaCO3/L
Surficial MW-6	Alkalinity										20	0.65		mg CaCO3/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-7	Alkalinity										64	0.65		mg CaCO3/L
Surficial MW-8	Alkalinity										65	0.65		mg CaCO3/L
Equipment Blank	Alkalinity										0.65	0.65	U	mg CaCO3/L
Surficial MW-1	Aluminum										60	60	U	ug/L
Surficial MW-2	Aluminum										60	60	U	ug/L
Surficial MW-3	Aluminum										60	60	U	ug/L
Surficial MW-4	Aluminum										480	60		ug/L
Surficial MW-5	Aluminum										110	60	I	ug/L
Surficial MW-6	Aluminum										220	60	I	ug/L
Surficial MW-7	Aluminum										160	60	I	ug/L
Surficial MW-8	Aluminum										60	60	U	ug/L
Equipment Blank	Aluminum										60	60	U	ug/L
Surficial MW-1	Antimony										0.25	0.25	I	ug/L
Surficial MW-2	Antimony										0.25	0.25	U	ug/L
Surficial MW-3	Antimony										0.25	0.25	U	ug/L
Surficial MW-4	Antimony										0.25	0.25	U	ug/L
Surficial MW-5	Antimony										0.25	0.25	U	ug/L
Surficial MW-6	Antimony										0.25	0.25	U	ug/L
Surficial MW-7	Antimony										0.25	0.25	U	ug/L
Surficial MW-8	Antimony										0.25	0.25	U	ug/L
Equipment Blank	Antimony										0.25	0.25	U	ug/L
Surficial MW-1	Arsenic										1.47	0.25		ug/L
Surficial MW-2	Arsenic										1.41	0.25		ug/L
Surficial MW-3	Arsenic										0.4	0.25	I	ug/L
Surficial MW-4	Arsenic										0.3	0.25	I	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-5	Arsenic										0.49	0.25	I	ug/L
Surficial MW-6	Arsenic										1.29	0.25	A	ug/L
Surficial MW-7	Arsenic										0.25	0.25	U	ug/L
Surficial MW-8	Arsenic										0.95	0.25	I	ug/L
Equipment Blank	Arsenic										0.25	0.25	U	ug/L
Surficial MW-1	Cadmium										1	1	U	ug/L
Surficial MW-2	Cadmium										1	1	U	ug/L
Surficial MW-3	Cadmium										1	1	U	ug/L
Surficial MW-4	Cadmium										1	1	U	ug/L
Surficial MW-5	Cadmium										1	1	U	ug/L
Surficial MW-6	Cadmium										1	1	U	ug/L
Surficial MW-7	Cadmium										1	1	U	ug/L
Surficial MW-8	Cadmium										1	1	U	ug/L
Equipment Blank	Cadmium										1	1	U	ug/L
Surficial MW-1	Calcium										20.4	0.075		mg/L
Surficial MW-2	Calcium										153	0.075		mg/L
Surficial MW-3	Calcium										339	0.22		mg/L
Surficial MW-4	Calcium										25.5	0.075		mg/L
Surficial MW-5	Calcium										16.1	0.075		mg/L
Surficial MW-6	Calcium										35.8	0.075	A	mg/L
Surficial MW-7	Calcium										24.6	0.075		mg/L
Surficial MW-8	Calcium										16.6	0.075		mg/L
Equipment Blank	Calcium										0.075	0.075	U	mg/L
Surficial MW-1	Chloride										12	0.2		mg Cl/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-2	Chloride										12	2		mg Cl/L
Surficial MW-3	Chloride										22	4		mg Cl/L
Surficial MW-4	Chloride										11	0.2		mg Cl/L
Surficial MW-5	Chloride										17	0.2		mg Cl/L
Surficial MW-6	Chloride										32	0.2		mg Cl/L
Surficial MW-7	Chloride										19	0.2		mg Cl/L
Surficial MW-8	Chloride										6.9	0.2		mg Cl/L
Equipment Blank	Chloride										0.2	0.2	U	mg Cl/L
Surficial MW-1	Chromium										0.34	0.3	I	ug/L
Surficial MW-2	Chromium										0.3	0.3	U	ug/L
Surficial MW-3	Chromium										0.9	0.3	I	ug/L
Surficial MW-4	Chromium										2.1	0.3		ug/L
Surficial MW-5	Chromium										0.75	0.3	I	ug/L
Surficial MW-6	Chromium										1.3	0.3	A	ug/L
Surficial MW-7	Chromium										1.3	0.3		ug/L
Surficial MW-8	Chromium										0.94	0.3	I	ug/L
Equipment Blank	Chromium										0.3	0.3	U	ug/L
Surficial MW-1	Copper										0.5	0.5	U	ug/L
Surficial MW-2	Copper										0.5	0.5	U	ug/L
Surficial MW-3	Copper										0.77	0.5		ug/L
Surficial MW-4	Copper										0.5	0.5	U	ug/L
Surficial MW-5	Copper										0.5	0.5	U	ug/L
Surficial MW-6	Copper										0.54	0.5		ug/L
Surficial MW-7	Copper										0.5	0.5	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-8	Copper										2.92	0.5		ug/L
Equipment Blank	Copper										0.5	0.5	U	ug/L
Surficial MW-1	Fluoride										0.33	0.05		mg F/L
Surficial MW-2	Fluoride										0.34	0.05		mg F/L
Surficial MW-3	Fluoride										0.36	0.05		mg F/L
Surficial MW-4	Fluoride										0.39	0.05		mg F/L
Surficial MW-5	Fluoride										0.36	0.05		mg F/L
Surficial MW-6	Fluoride										0.28	0.05		mg F/L
Surficial MW-7	Fluoride										0.88	0.05		mg F/L
Surficial MW-8	Fluoride										0.32	0.05		mg F/L
Equipment Blank	Fluoride										0.05	0.05	U	mg F/L
Surficial MW-1	Iron										440	30		ug/L
Surficial MW-2	Iron										7.68E+03	30		ug/L
Surficial MW-3	Iron										7.91E+04	30		ug/L
Surficial MW-4	Iron										1.35E+03	30		ug/L
Surficial MW-5	Iron										71	30	I	ug/L
Surficial MW-6	Iron										81	30	I	ug/L
Surficial MW-7	Iron										3.30E+03	30		ug/L
Surficial MW-8	Iron										54	30	I	ug/L
Equipment Blank	Iron										30	30	U	ug/L
Surficial MW-1	Kjeldahl Nitrogen										0.08	0.08	U	mg N/L
Surficial MW-2	Kjeldahl Nitrogen										0.31	0.08		mg N/L
Surficial MW-3	Kjeldahl Nitrogen										0.74	0.08		mg N/L
Surficial MW-4	Kjeldahl Nitrogen										0.08	0.08	U	mg N/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-5	Kjeldahl Nitrogen										0.08	0.08	U	mg N/L
Surficial MW-6	Kjeldahl Nitrogen										0.16	0.16	U	mg N/L
Surficial MW-7	Kjeldahl Nitrogen										0.13	0.08	I	mg N/L
Surficial MW-8	Kjeldahl Nitrogen										0.08	0.08	U	mg N/L
Equipment Blank	Kjeldahl Nitrogen										0.08	0.08	U	mg N/L
Surficial MW-1	Lead										0.2	0.2	U	ug/L
Surficial MW-2	Lead										0.2	0.2	U	ug/L
Surficial MW-3	Lead										0.2	0.2	U	ug/L
Surficial MW-4	Lead										0.29	0.2	I	ug/L
Surficial MW-5	Lead										0.2	0.2	U	ug/L
Surficial MW-6	Lead										0.39	0.2	I	ug/L
Surficial MW-7	Lead										0.2	0.2	I	ug/L
Surficial MW-8	Lead										0.2	0.2	U	ug/L
Equipment Blank	Lead										0.2	0.2	U	ug/L
Surficial MW-1	Magnesium										10.1	0.04		mg/L
Surficial MW-2	Magnesium										81.6	0.04		mg/L
Surficial MW-3	Magnesium										44.8	0.04		mg/L
Surficial MW-4	Magnesium										11.3	0.04		mg/L
Surficial MW-5	Magnesium										5.59	0.04		mg/L
Surficial MW-6	Magnesium										10.6	0.04	A	mg/L
Surficial MW-7	Magnesium										8.33	0.04		mg/L
Surficial MW-8	Magnesium										7.63	0.04		mg/L
Equipment Blank	Magnesium										0.04	0.04	U	mg/L
Surficial MW-1	Manganese										21.2	0.75		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-2	Manganese										614	0.75		ug/L
Surficial MW-3	Manganese										530	0.75		ug/L
Surficial MW-4	Manganese										36	0.75		ug/L
Surficial MW-5	Manganese										44.9	0.75		ug/L
Surficial MW-6	Manganese										17.9	0.75	A	ug/L
Surficial MW-7	Manganese										63.7	0.75		ug/L
Surficial MW-8	Manganese										23	0.75		ug/L
Equipment Blank	Manganese										0.75	0.75	U	ug/L
Surficial MW-1	Molybdenum										2.79	0.15		ug/L
Surficial MW-2	Molybdenum										3.33	0.15		ug/L
Surficial MW-3	Molybdenum										0.29	0.15	I	ug/L
Surficial MW-4	Molybdenum										3.69	0.15		ug/L
Surficial MW-5	Molybdenum										4.56	0.15		ug/L
Surficial MW-6	Molybdenum										3.9	0.15	A	ug/L
Surficial MW-7	Molybdenum										1.16	0.15		ug/L
Surficial MW-8	Molybdenum										4.09	0.15		ug/L
Equipment Blank	Molybdenum										0.15	0.15	U	ug/L
Surficial MW-1	Nickel										0.88	0.25	I	ug/L
Surficial MW-2	Nickel										13.9	0.25		ug/L
Surficial MW-3	Nickel										32.8	0.25		ug/L
Surficial MW-4	Nickel										0.98	0.25	I	ug/L
Surficial MW-5	Nickel										3.64	0.25		ug/L
Surficial MW-6	Nickel										5.54	0.25	A	ug/L
Surficial MW-7	Nickel										0.52	0.25	I	ug/L
Surficial MW-8	Nickel										0.95	0.25	I	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Equipment Blank	Nickel										0.25	0.25	U	ug/L
Surficial MW-1	NO2NO3-N										0.23	0.004		mg N/L
Surficial MW-2	NO2NO3-N										0.02	0.004		mg N/L
Surficial MW-3	NO2NO3-N										0.04	0.004		mg N/L
Surficial MW-4	NO2NO3-N										0.004	0.004	UJ	mg N/L
Surficial MW-5	NO2NO3-N										3.6	0.04		mg N/L
Surficial MW-6	NO2NO3-N										17	0.2		mg N/L
Surficial MW-7	NO2NO3-N										0.04	0.04	U	mg N/L
Surficial MW-8	NO2NO3-N										0.66	0.004		mg N/L
Equipment Blank	NO2NO3-N										0.004	0.004	U	mg N/L
Surficial MW-1	Potassium										0.41	0.3	I	mg/L
Surficial MW-2	Potassium										2.4	0.3		mg/L
Surficial MW-3	Potassium										1.7	0.3		mg/L
Surficial MW-4	Potassium										0.51	0.3	I	mg/L
Surficial MW-5	Potassium										0.43	0.3	I	mg/L
Surficial MW-6	Potassium										2.6	0.3	A	mg/L
Surficial MW-7	Potassium										0.69	0.3	I	mg/L
Surficial MW-8	Potassium										0.38	0.3	I	mg/L
Equipment Blank	Potassium										0.3	0.3	U	mg/L
Surficial MW-1	Selenium										3.76	0.2		ug/L
Surficial MW-2	Selenium										0.2	0.2	U	ug/L
Surficial MW-3	Selenium										0.3	0.2	I	ug/L
Surficial MW-4	Selenium										0.2	0.2	U	ug/L
Surficial MW-5	Selenium										9.82	0.2		ug/L
Surficial MW-6	Selenium										0.58	0.2	I	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-7	Selenium										0.2	0.2	U	ug/L
Surficial MW-8	Selenium										0.46	0.2	I	ug/L
Equipment Blank	Selenium										0.2	0.2	U	ug/L
Surficial MW-1	Silica										14	0.1		mg/L
Surficial MW-2	Silica										27.8	0.1		mg/L
Surficial MW-3	Silica										21.4	0.1		mg/L
Surficial MW-4	Silica										16	0.1		mg/L
Surficial MW-5	Silica										14.6	0.1		mg/L
Surficial MW-6	Silica										17.2	0.1		mg/L
Surficial MW-7	Silica										14.2	0.1		mg/L
Surficial MW-8	Silica										10.9	0.1	A	mg/L
Equipment Blank	Silica										0.12	0.1	I	mg/L
Surficial MW-1	Sodium										4.9	0.5		mg/L
Surficial MW-2	Sodium										108	0.5		mg/L
Surficial MW-3	Sodium										442	1.5		mg/L
Surficial MW-4	Sodium										4.6	0.5		mg/L
Surficial MW-5	Sodium										4.8	0.5		mg/L
Surficial MW-6	Sodium										7.5	0.5	A	mg/L
Surficial MW-7	Sodium										4.1	0.5		mg/L
Surficial MW-8	Sodium										3.3	0.5		mg/L
Equipment Blank	Sodium										0.5	0.5	U	mg/L
Surficial MW-1	Strontium										26.9	2		ug/L
Surficial MW-2	Strontium										157	2		ug/L
Surficial MW-3	Strontium										381	2		ug/L
Surficial MW-4	Strontium										51.2	2		ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-5	Strontium										31.3	2		ug/L
Surficial MW-6	Strontium										43.6	2	A	ug/L
Surficial MW-7	Strontium										33	2		ug/L
Surficial MW-8	Strontium										36.2	2		ug/L
Equipment Blank	Strontium										2	2	U	ug/L
Surficial MW-1	Sulfate										0.9	0.2		mg SO4/L
Surficial MW-2	Sulfate										750	2		mg SO4/L
Surficial MW-3	Sulfate										2000	20		mg SO4/L
Surficial MW-4	Sulfate										16	0.2		mg SO4/L
Surficial MW-5	Sulfate										1.2	0.2		mg SO4/L
Surficial MW-6	Sulfate										20	0.2		mg SO4/L
Surficial MW-7	Sulfate										11	0.2		mg SO4/L
Surficial MW-8	Sulfate										2.6	0.2		mg SO4/L
Equipment Blank	Sulfate										2.6	0.2		mg SO4/L
Surficial MW-1	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-2	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-3	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-4	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-5	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-6	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-7	Sulfide										0.12	0.05	I	mg S/L
Surficial MW-8	Sulfide										0.11	0.11	U	mg S/L
Equipment Blank	Sulfide										0.05	0.05	U	mg S/L
Surficial MW-1	Total-P										0.18	0.004		mg P/L
Surficial MW-2	Total-P										0.27	0.004	A	mg P/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Component	May 08 Result	MDL	Remark	June 08 Result	MDL	Remark	October 08 Result	MDL	Remark	April 09 Result	MDL	Remark	Units
Surficial MW-3	Total-P										2.5	0.08		mg P/L
Surficial MW-4	Total-P										0.89	0.04		mg P/L
Surficial MW-5	Total-P										1.1	0.04		mg P/L
Surficial MW-6	Total-P										0.76	0.02	A	mg P/L
Surficial MW-7	Total-P										1.6	0.04		mg P/L
Surficial MW-8	Total-P										0.12	0.004		mg P/L
Equipment Blank	Total-P										0.004	0.004	U	mg P/L
Surficial MW-1	Vanadium										19	2		ug/L
Surficial MW-2	Vanadium										2	2	U	ug/L
Surficial MW-3	Vanadium										2	2	U	ug/L
Surficial MW-4	Vanadium										2	2	U	ug/L
Surficial MW-5	Vanadium										4.5	2	I	ug/L
Surficial MW-6	Vanadium										12	2	A	ug/L
Surficial MW-7	Vanadium										2.2	2	I	ug/L
Surficial MW-8	Vanadium										2.9	2	I	ug/L
Equipment Blank	Vanadium										2	2	U	ug/L
Surficial MW-1	Zinc										5	5	U	ug/L
Surficial MW-2	Zinc										5	5	U	ug/L
Surficial MW-3	Zinc										66	5		ug/L
Surficial MW-4	Zinc										5	5	U	ug/L
Surficial MW-5	Zinc										9	5	I	ug/L
Surficial MW-6	Zinc										5	5	U	ug/L
Surficial MW-7	Zinc										5	5	U	ug/L
Surficial MW-8	Zinc										5	5	U	ug/L
Equipment Blank	Zinc										5	5	U	ug/L

Table 14 (Continued)
SIS Monitor Well Sample Analytical Results
Pritchard Road Environmental Assessment
Lithia, Hillsborough County, Florida

A: value reported is the mean of two or more determinations.

I: the value reported is between the method detection limit and the practical quantitation limit.

J: estimated value.

U: material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

mg/L: milligrams per Liter.

ug/L: micrograms per Liter.

mg CaCO₃/L: milligrams of calcium carbonate per Liter.

pCi/L: picoCuries per Liter.

mg Cl/L: milligrams of chloride per liter.

mg F/L: milligrams of fluoride per liter.

mg N/L: milligrams of nitrogen per liter.

mg P/L: milligrams of phosphorus per liter.

mg SO₄/L: milligrams of sulfate per liter.

mg S/L: milligrams of sulfide per liter.

Values presented in red and bold represent exceedances of a ground water standard:

Aluminum has a Secondary Standard of 200 ug/L; Chapter 62-777, FAC;

Arsenic has a Primary Standard of 10 ug/L;

Iron has a Secondary Standard of 200 ug/L;

Molybdenum has a Minimum Criteria of 35 ug/L;

NO₂NO₃-N has a Primary Standard of 10 mg N/L

Sulfate has a Secondary Standard of 250 mg SO₄/L.

Table 15
SIS Monitor Well $\delta^{18}\text{O}$ and δD Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

FIELD ID	May 2008 Result		June 2008 Result		October 2008 Result	
	D/H (VSMOW)	18O/16O (VSMOW)	D/H (VSMOW)	18O/16O (VSMOW)	D/H (VSMOW)	18O/16O (VSMOW)
DEP-1 (145-165)	-17.1	-3.18	-16.6	-3.22	-15.66	-3.21
DEP-1 (205-225)	-10.1	-1.92	-8.8	-2.00	-8.69	-1.89
DEP-1 (250-270)	-10.5	-1.98	-8.0	-1.96	-8.53	-1.93
DEP-1 (300-320)	-9.7	-1.98	-8.3	-2.01	-7.86	-1.96
DEP-2 (143-163)	-19.5	-3.62	-17.2	-3.51	-18.33	-3.59
DEP-2 (197-217)	-13.1	-2.61	-11.7	-2.64	-11.63	-2.68
DEP-2 (256-276)	-11.2	-2.19	-9.3	-2.11	-8.62	-2.08
DEP-2 (300-320)	-10.6	-2.12	-9.2	-2.17	-8.28	-2.13
DEP-3 (147-167)	-15.4	-2.90	-14.5	-2.94	-14.31	-2.99
DEP-3 (147-167) Duplicate	-15.6	-2.88	-14.8	-2.91	-13.88	-2.91
DEP-3 (195-215)	-10.1	-2.04	-8.9	-2.15	-8.16	-2.06
DEP-3 (245-265)	-10.6	-2.05	-9.4	-2.06	-8.74	-2.01
DEP-3 (300-320)	-9.5	-2.04	-9.3	-2.11	-8.4	-2.1
DEP-4 (143-163)	-10.9	-2.16	-10.0	-2.25	-9.47	-2.23
DEP-4 (208-228)	-12.0	-2.33	-9.9	-2.38	-10.16	-2.36
DEP-4 (208-228) Duplicate	-12.0	-2.36	-11.1	-2.33	-10.36	-2.32
DEP-4 (255-275)	-11.8	-2.32	-11.3	-2.35	-10.39	-2.31
DEP-4 (300-320)	-12.0	-2.36	-10.5	-2.39	-10.54	-2.36
DEP-5 (153-173)	-14.8	-2.73	-13.6	-2.78	-11.3	-2.79
DEP-5 (200-220)	-11.7	-2.42	-10.9	-2.44	-10.52	-2.33
DEP-5 (250-270)	-10.4	-2.09	-9.0	-2.01	-8.82	-2.01
DEP-5 (300-320)	-9.8	-2.04	-8.7	-2.07	-9.16	-2.02

VSMOW: Vienna Standard Mean Ocean Water serves as a reference standard for comparing hydrogen and oxygen isotope ratios in water samples.

Table 16
Carbon in Lithologic Core Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Inorganic Carbon ¹	Remark	Organic Carbon ¹	Remark	Total Carbon ¹	Remark
DEP-1-149-144	11		2.2		13	
DEP-1-152-149	5.5		0.4	I	5.9	
DEP-1-156-152	8.4		1.4		9.9	
DEP-1-160-156	8.3		1.3		9.5	
DEP-1-164-160	7.3		1.5		8.8	
DEP-1-168-164	7.1		0.33	I	7.5	
DEP-1-209-205	8.9		0.11	I	9	
DEP-1-213-209	7.6		0.69	I	8.3	
DEP-1-216-213	7.6		0.63	I	8.2	
DEP-1-222-216	11		1.4		13	
DEP-1-228-222	11		1.6		12	
DEP-1-256-253	11		2		13	
DEP-1-261-256	11		1.4		13	
DEP-1-266-261	11		2.1		13	
DEP-1-271-266	9.7		2.6		12	
DEP-1-303-300	10		2.2		13	
DEP-1-308-303	11		1.2		12	
DEP-1-312-308	11		0.56	I	12	
DEP-1-316-312	10		1.2		12	
DEP-1-321-316	11		0.68	I	12	
DEP-1-321-316SP	9.6		2		12	
DEP-1-326-321	11		1.3		12	
DEP-2-146-142	6		1.4		7.4	
DEP-2-148-146	2.1		0.11	I	2.2	
DEP-2-152-148	8.4		2		10	
DEP-2-152-148SP	6.2		1.3		7.5	
DEP-2-156-152	9.7		2.7		12	
DEP-2-161-156	11		1.3		13	
DEP-2-199-196	6.2		0.54	I	6.7	
DEP-2-203-199	3.5		0.44	I	3.9	
DEP-2-206-203	0.1	U	0.18	I	0.13	I

Table 16 (Continued)
Carbon in Lithologic Core Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Inorganic Carbon ¹	Remark	Organic Carbon ¹	Remark	Total Carbon ¹	Remark
DEP-2-207-206	0.1	U	0.15	I	0.17	I
DEP-2-211-207	5.8		0.49	I	6.2	
DEP-2-215-211	9.9		2.9		13	
DEP-2-219-215	8.3		3		11	
DEP-2-257-253	10		1.8		12	
DEP-2-262-257	11		1.8		12	
DEP-2-266-262	11		1.4		12	
DEP-2-269-266	9.7		2.6		12	
DEP-2-274-269	11		1.6		12	
DEP-2-278-274	11		1.2		12	
DEP-2-302-298	10		1.4		11	
DEP-2-306-302	9.4		2.3		12	
DEP-2-310-306	10		1.5		12	
DEP-2-315-310	10		1.6		12	
DEP-2-320-315	11		1.4		12	
DEP-5-154-150	7.3		0.47	I	7.8	
DEP-5-157	10		2.3		13	
DEP-5-157-154	8.9		1.3		10	
DEP-5-162-157A	6		0.44	I	6.4	
DEP-5-167-162	8.2		0.71	I	9	
DEP-5-171-167	7.1		1.1		8.2	
DEP-5-177-174	1.7		0.1	U	1.6	
DEP-5-180-177	9.7		2.7		12	
DEP-5-185-180	4.1		0.45	I	4.5	
DEP-5-205-202	8.6		2		11	
DEP-5-208-205	5		2		7	
DEP-5-211-208A	7.8		2.3		10	
DEP-5-214-211	6		0.15	I	6.2	
DEP-5-219-217	3.7		0.74	I	4.4	
DEP-5-241-237	7.6		0.85	I	8.5	
DEP-5-244-241	8		1		9.1	

Table 16 (Continued)
Carbon in Lithologic Core Sample Analytical Results
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Field ID	Inorganic Carbon ¹	Remark	Organic Carbon ¹	Remark	Total Carbon ¹	Remark
DEP-5-247-244	0.69	I	0.15	I	0.84	I
DEP-5-251-247	10		1		11	
DEP-5-255-251	10		2.1		12	
DEP-5-259-255	9.8		2.5		12	
DEP-5-303-299	10		2.2		12	
DEP-5-307-303	9.3		3.3		13	
DEP-5-309-307	9.6		3		13	
DEP-5-312-309	9.9		2.6		12	
DEP-5-317-315	11		1.4		12	
DEP-5-320-317	9.3		2.1		11	
DEP-2-56-53	4.8		0.39	I	5.2	
DEP-2-60-57	6.5		1.5		8.1	
DEP-2-63-60	8.8		1.6		10	

1. Results are presented in percent Carbon.

Laboratory method detection limit is 0.10 percent carbon for all analyses.

All samples were held beyond the normal holding time.

I: The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U: Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

Table 17
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWB-1	10/16/1984	6.3	128	25				< 0.005	< 0.002	< 0.005
MWB-1	2/7/1985	5.3	69.3	21				< 0.005	< 0.002	0.015
MWB-1	5/6/1985	5.5	66	21.5				< 0.005	< 0.002	< 0.005
MWB-1	8/6/1985	5.2	86	24				< 0.005	< 0.002	< 0.005
MWB-1	10/14/1985	5.4	89	23				< 0.005	< 0.002	< 0.005
MWB-1	1/17/1986	5.4	70	23				< 0.005	< 0.002	< 0.005
MWB-1	4/21/1986	7	73	23				< 0.005	< 0.002	< 0.007
MWB-1	7/30/1986	5.1	83.5	24				< 0.005	< 0.002	0.005
MWB-1	10/29/1986	5.5	71	24				< 0.005	0.005	< 0.005
MWB-1	1/26/1987	5.1	70	21				< 0.005	< 0.002	< 0.005
MWB-1	4/22/1987	5.5	88	22				< 0.005	< 0.002	< 0.005
MWB-1	7/20/1987	5.3	72	24.5				< 0.005	< 0.002	< 0.005
MWB-1	10/27/1987	6.4	76	24.4				< 0.005	0.005	< 0.005
MWB-1	1/25/1988	5.7	71	25				< 0.005	< 0.002	0.01
MWB-1	5/10/1988	6	100	25				< 0.005	< 0.002	0.005
MWB-1	7/29/1988	7	66	26.7				< 0.005	< 0.002	< 0.005
MWB-1	9/15/1988	4.27	80	26				< 0.005	< 0.002	< 0.005
MWB-1	1/25/1989	5.5	85	22.2				< 0.005	< 0.002	< 0.005
MWB-1	4/26/1989	7.6	77	24.1				< 0.005	0.002	< 0.005
MWB-1	7/17/1989	7.9	79	24				< 0.005	< 0.002	0.007
MWB-1	10/12/1989	5.3	76	25				< 0.005	< 0.002	< 0.005
MWB-1	1/3/1990	5.7	80	22.2				< 0.005	< 0.002	< 0.005
MWB-1	5/1/1990	5.4	76	23.5				< 0.005	0.004	< 0.005
MWB-1	7/23/1990	5.6	78	23.3				< 0.005	< 0.002	< 0.005
MWB-1	10/10/1990	5.1	82	27				< 0.005	< 0.002	< 0.005
MWB-1	1/4/2005	5.85	177	23.7	2.36	212	5.41			
MWB-1	2/17/2005	4.3	175	23.3	2.35	74	2.5			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWB-1	4/12/2005	6.3	173	23.5	1.21	52	4.69			
MWB-1	7/5/2005	6.72	163	24.4	1.61	66	22.8			
MWB-1	8/17/2005	4.47	170	25	1.7	36	9.58			
MWB-1	9/1/2005	4.58	156	24.9	1.46	242	4.43			
MWB-1	10/10/2005	5.65	269	25.1	0.76	287	9.36			
MWB-1	1/5/2006	4.61	165	22.4	1.06	187	1.5			
MWB-1	4/10/2006	4.45	233	21.9	1.12		0.54			
MWB-1	8/8/2006	5.07	168	25.4	1.17		1.32			
MWB-1	10/18/2006	5.04	345	25.8	0.3		0.31	< 0.005	< 0.001	< 0.002
MWB-1	1/17/2007	4.59	159	23.4	0.89		0.48			
MWB-1	5/8/2007	5.27	693	23.4	0.18		0.54			
MWB-1	11/9/2007	4.93	317	24.5	0.08		0.39			
MWB-1	3/10/2008	4.69	147	22.8	0.21		117.12			
MWB-1	5/14/2008	5.13	1014	23.8	0.12		0.86			
MWB-1	8/21/2008	4.36	269	25	0.18	75.5	13			
MWB-1	10/06/2008	5.08	162	25.6	0.12		1.32			
MWB-1	1/23/2009	4.68	154	20.3	1.3		3.3			
MW-2	12/20/1984	6.5	379	23.8				< 0.005	< 0.002	0.007
MW-2	2/7/1985	6.7	371	21.8				< 0.005	< 0.002	0.013
MW-2	5/13/1985	6.5	425	26.5				< 0.005	< 0.002	0.008
MW-2	8/5/1985	6.6	520	28.5				< 0.005	< 0.002	< 0.005
MW-2	10/14/1985	6.6	480	27				0.005	0.002	0.005
MW-2	1/16/1986	6.5	430	23				< 0.005	< 0.002	< 0.005
MW-2	4/18/1986	6.7	460	24				< 0.005	< 0.002	0.005
MW-2	7/28/1986	6.7	430	25				< 0.005	< 0.002	< 0.005
MW-2	10/27/1986	6.8	412	23				< 0.005	0.004	0.005
MW-2	1/27/1987	6.7	390	22				< 0.005	< 0.002	< 0.005

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MW-2	4/20/1987	6.6	460	23.5				< 0.005	< 0.002	< 0.005
MW-2	7/20/1987	6.6	420	24				< 0.005	< 0.002	< 0.005
MW-2	10/27/1987	6.3	420	24.4				< 0.005	0.005	< 0.005
MW-2	2/1/1988	7	410	25.6				< 0.005	< 0.002	< 0.005
MW-2	5/11/1988	6.7	460					< 0.005	< 0.002	< 0.005
MW-2	8/10/1988	6.8	560	28				< 0.005	< 0.002	0.005
MW-2	9/16/1988	6.4	580	26.8				< 0.005	0.002	< 0.005
MW-2	1/27/1989	6.8	510	22.8				< 0.005	< 0.002	< 0.005
MW-2	4/28/1989	6.7	660	24				< 0.005	< 0.002	< 0.005
MW-2	7/17/1989	6.6	1050	25.6				< 0.005	< 0.002	0.008
MW-2	10/11/1989	6.7	1400	24.4				< 0.005	< 0.002	0.005
MW-2	1/10/1990	6.7	1400	23.6				< 0.005	< 0.002	0.005
MW-2	5/9/1990	6.57	1700	25.5				< 0.005	0.002	< 0.005
MW-2	7/23/1990	6.8	1650	23.3				< 0.005	< 0.002	< 0.005
MW-2	10/10/1990	6.58	1200	27				< 0.005	< 0.002	< 0.005
MWC-2A	1/3/2005	5.86	31	23.8	0.83	238	11			
MWC-2A	4/12/2005	6.71	33	22.7	0.71	30	2.33			
MWC-2A	7/5/2005	6.38	34	24.3	0.44	82	3.13			
MWC-2A	10/10/2005	5.36	30	25.1	0.6	291	5.41			
MWC-2A	1/5/2006	4.7	30	22.6	0.64	308	0.74			
MWC-2A	4/10/2006	4.56	30	22.4	0.86		1.68			
MWC-2A	8/8/2006	4.76	27	24.7	0.75		1.62			
MWC-2A	10/16/2006	5.52	33	25.3	0.35		18.2	< 0.002	< 0.005	0.007
MWC-2A	1/16/2007	5.69	30	23.5	0.4		1.01			
MWC-2A	5/8/2007	3.4	28	22.8	0.67		11.5			
MWC-2A	11/8/2007	4.77	48	25.1	1.43		8.69			
MWC-2A	3/6/2008	4.89	28	23.6	1.95		6.42			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-2A	5/14/2008	4.89	27	24.2	2.43		16.2			
MWC-2A	8/21/2008	4.59	30	225	2.17	-159	9.86			
MWC-2A	10/07/2008	3.77	21	25.5	3.83		11.8			
MWC-2A	01/12/2009	4.79	25	23.1	3.03		4.44			
MWC-2B	1/3/2005	7.22	249	23.4	0.42	127	1.14			
MWC-2B	4/12/2005	7.45	262	22.3	0.57	23	2.08			
MWC-2B	7/5/2005	7.69	261	24.4	0.95	48	1.01			
MWC-2B	10/10/2005	8.34	252	25	0.19	-53	2.75			
MWC-2B	1/5/2006	7.63	248	23.1	0.28	-34	0.54			
MWC-2B	4/10/2006	7.37	248	24.2	0.42		0.79			
MWC-2B	8/8/2006	7.38	254	24.8	0.17		0.31			
MWC-2B	10/16/2006	8.06	259	25.4	0		0.38	0.005	< 0.005	< 0.002
MWC-2B	1/17/2007	7.39	252	24.1	0.82		0.24			
MWC-2B	5/8/2007	7.33	258	24.4	0.14		0.43			
MWC-2B	11/8/2007	7.38	258	25	0.09		0.3			
MWC-2B	3/6/2008	7.26	253	24	0.22		0.64			
MWC-2B	5/14/2008	7.43	255	25.6	0.07		0.35			
MWC-2B	8/21/2008	7.42	254	24.7	0.11	-45	5.2			
MWC-2B	10/07/2008	7.09	205	24.9	0.13		3.56			
MWC-2B	01/12/2009	7.68	271	22.9	0.93		1.13			
MWM-3R	10/24/1984	4.4	7200	25				0.026	< 0.002	0.098
MWM-3R	2/7/1985	4.4	7800	22.5				0.041	< 0.002	0.24
MWM-3R	5/6/1985	4.4	7300	23				0.057	< 0.002	0.18
MWM-3R	8/8/1985	4.2	922	24				0.024	< 0.002	0.22
MWM-3R	10/25/1985	4.2	8180	24				0.02	< 0.002	0.16
MWM-3R	1/21/1986	4.3	8350	23				0.03	0.011	0.22
MWM-3R	4/17/1986	4.2	8320	23				0.031	< 0.002	0.25

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWM-3R	7/29/1986	4	8540	24				0.028	< 0.002	0.25
MWM-3R	10/29/1986	4.2	7900	24				0.041	0.005	0.26
MWM-3R	1/26/1987	4.1	7800	22				0.03	< 0.002	0.24
MWM-3R	4/21/1987	4.3	8500	23				0.019	0.005	0.12
MWM-3R	7/20/1987	4.2	8000	25				0.064	< 0.002	0.097
MWM-3R	10/27/1987	4.7	7300	24.4				0.061	< 0.004	0.22
MWM-3R	1/26/1988	4.7	7800	24.4				0.15	< 0.002	0.22
MWM-3R	5/3/1988	4.6	7400	25				0.035	< 0.002	0.22
MWM-3R	8/2/1988	4.7	5350	27				0.007	< 0.002	0.073
MWM-3R	9/16/1988	4.4	8300	26				0.063	< 0.002	0.19
MWM-3R	1/18/1989	5.2	5800	25.6				0.01	< 0.002	0.073
MWM-3R	4/11/1989	4.7	7200	23.3				0.044	< 0.002	0.13
MWM-3R	7/18/1989	4.1	7900	23.3				0.022	< 0.002	0.14
MWM-3R	10/12/1989	4.1	9200	25.6				0.02	< 0.002	0.23
MWM-3R	1/3/1990	4	>10000	23.9				0.043	< 0.002	0.15
MWM-3R	5/9/1990	4	9200	25				0.045	< 0.002	0.16
MWM-3R	7/23/1990	4.5	8700	23.8				0.036	< 0.002	0.15
MWM-3R	10/10/1990	4.3	9250	26.5				0.051	< 0.002	0.18
MWM-3R	1/4/2005	5.86	1560	24.4	0.22	75	12			
MWM-3R	11/26/2007	4.37	203	25.5			1.6	0.043	< 0.001	0.081
MWM-3R	3/10/2008	4.45	2220	24.4	0.07		2.06			
MWM-3R	5/28/2008	4.41	2200	24.8	0.17		1.21			
MWM-3R	8/26/2008	4.49	2350	24.04	0.11	-78	12.2			
MWM-3R	12/10/2008	5.12	1917	25.3	0.15		3.98			
MWM-3R	1/13/2009	4.32	2346	22.4	0.15		2.31			
MW-4	10/16/1984	5.1	8000	26				< 0.005	< 0.002	0.053
MW-4	2/7/1985	4.8	7200	21.8				0.006	< 0.002	0.099

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MW-4	5/6/1985	4.5	7400	22.5				< 0.005	< 0.002	0.06
MW-4	8/5/1985	4.3	9550	25				< 0.005	< 0.002	0.068
MW-4	10/25/1985	4.4	9040	25				< 0.005	< 0.002	0.063
MW-4	1/20/1986	4.1	9450	22				< 0.005	< 0.002	0.063
MW-4	4/17/1986	4.1	9350	21				0.006	< 0.002	0.065
MW-4	7/28/1986	4.2	8610	24				0.007	< 0.002	0.058
MW-4	10/28/1986	4.3	9000	24				0.006	0.006	0.052
MW-4	1/28/1987	4.4	9000	23				< 0.005	< 0.002	0.052
MW-4	4/22/1987	4.4	14000	23				0.006	0.002	0.006
MW-4	7/20/1987	4.5	7500	23				0.005	< 0.002	0.042
MW-4	10/28/1987	4.9	7600	25				< 0.005	< 0.002	0.056
MW-4	2/3/1988	4.4	8100	22.8				0.007	< 0.002	0.047
MW-4	5/10/1988	4.4	9200					0.005	< 0.002	0.007
MW-4	8/11/1988	4.7	9000	30				< 0.005	< 0.004	0.046
MW-4	9/17/1988	4.63	9300	25.5				0.008	< 0.002	0.048
MW-4	1/20/1989	4.2	9600	25				< 0.005	< 0.002	0.037
MW-4	4/27/1989	4.6	9210	24.9				0.006	< 0.002	0.028
MW-4	7/26/1989	4.1	9400	23.3				0.015	< 0.002	0.033
MW-4	10/17/1989	4.7	8800	25				< 0.005	< 0.002	0.044
MW-4	1/3/1990	4.7	>10000	24.4				< 0.005	< 0.002	0.025
MW-4	5/7/1990	4.4	9500	26				< 0.005	< 0.002	0.03
MW-4	7/23/1990	5.2	9100	24.4				< 0.005	< 0.002	0.036
MW-4	10/10/1990	4.9	10000	26.5				0.006	< 0.002	0.023
MWC-4A	1/5/2005	6.06	337	22.5	0.16	77	17.6			
MWC-4AR	11/26/2007	5.74	859	24.5			0.82	< 0.005	< 0.003	0.002

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-4AR	3/10/2008	5.9	840	21.5	0.12		1.61			
MWC-4AR	5/28/2008	5.92	797	22.5	0.19		0.95			
MWC-4AR	8/25/2008	5.83	893	24.7	0.11	-112	20.9			
MWC-4AR	10/06/2008	5.50	632	24.6	0.13		5.74			
MWC-4AR	1/12/2009	5.88	817	21.47	0.31		2.79			
MWC-4B	1/5/2005	6.43	1201	23.4	0.16	-55	1.58			
MWC-4BR	11/26/2007	7.32	369	23.3			0.33	< 0.005	< 0.003	< 0.002
MWC-4BR	3/10/2008	7.28	446	22.8	0.34		0.57			
MWC-4BR	5/28/2008	7.27	471	23.6	0.18		0.34			
MWC-4BR	8/25/2008	7	439	23.4	0.11	-164	8.05			
MWC-4BR	10/06/2008	7	370	24.4	0.15		2.04			
MWC-4BR	01/12/2009	7.21	528	22.05	0.26		1.09			
MW-5	10/16/1984	5	10200	26				0.006	< 0.002	0.028
MW-5	2/7/1985	5	9800	23.8				< 0.005	< 0.002	0.061
MW-5	5/6/1985	4.9	9100	23.5				< 0.005	< 0.002	0.036
MW-5	8/5/1985	4.9	12490	24				< 0.005	< 0.002	0.026
MW-5	10/14/1985	4.9	13525	24				0.006	< 0.002	0.033
MW-5	1/17/1986	4.9	13140	24				< 0.005	< 0.002	0.038
MW-5	4/17/1986	4.8	13330	23				< 0.005	0.003	0.034
MW-5	7/28/1986	4.8	13280	24				0.006	0.004	0.03
MW-5	10/28/1986	4.8	13000	24				< 0.005	< 0.002	0.02
MW-5	1/27/1987	4.9	13800	21				< 0.005	< 0.002	0.028
MW-5	4/22/1987	4.8	19000	24				< 0.005	0.008	< 0.005
MW-5	7/20/1987	4.9	13500	25				< 0.005	< 0.002	0.01
MW-5	10/28/1987	4.9	>10000	25.6				0.008	< 0.002	0.08
MW-5	1/28/1988	4.7	>10000	23.9				< 0.005	0.002	0.027
MW-5	5/9/1988	4.7	10000					< 0.005	< 0.002	0.016

Table 17 (Continued)
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MW-5	8/11/1988	4.5	>10000	30				< 0.005	0.004	0.024
MW-5	9/17/1988	5.04	16000	26				0.007	0.003	0.031
MW-5	1/19/1989	4.9	>10000	25.6				< 0.005	< 0.002	0.027
MW-5	4/27/1989	4.7	10380	25.8				< 0.005	< 0.002	0.021
MW-5	7/27/1989	4	>10000	22.2				0.014	< 0.002	0.023
MW-5	10/12/1989	4.9	9500	25				< 0.005	0.02	0.032
MW-5	1/3/1990	4.8	>10000	23.9				< 0.005	< 0.002	0.014
MW-5	5/9/1990	4.9	>10000	24.5				< 0.005	0.004	0.02
MW-5	7/23/1990	4.9	>10000	23				< 0.005	< 0.002	0.027
MW-5	10/10/1990	4.7	>10000	26.5				< 0.005	< 0.002	0.024
MWC-5A	1/3/2005	5.76	63	23.5	0.56	219	1.64			
MWC-5A	4/12/2005	6.47	74	22.5	0.28	26	0.76			
MWC-5A	7/5/2005	4.62	72	23.6	0.19	62	0.77			
MWC-5A	10/10/2005	5.59	62	24.5	0.22	91	2.69			
MWC-5A	1/5/2006	4.67	71	22.5	0.4	277	0.55			
MWC-5A	4/10/2006	4.51	71	22.5	0.41		0.73			
MWC-5A	8/8/2006	4.84	64	24.3	0.62		1.26			
MWC-5A	10/16/2006	5.04	54	24.1	0.63		0.27	< 0.001	< 0.005	< 0.001
MWC-5A	1/17/2007	5.24	66	22.5	0.85		0.47			
MWC-5A	5/2/2007	3.94	62	22.8	0.47		0.42			
MWC-5A	11/8/2007	4.65	71	24.5	0.61		0.41			
MWC-5A	3/6/2008	4.7	63	22.6	0.99		0.45			
MWC-5A	5/14/2008	4.75	57	23.8	0.28		0.28			
MWC-5A	8/26/2008	2.53	61	24.5	0.1	347	8.82			
MWC-5A	10/13/2008	3.19	41	25.2	1.47		1.47			
MWC-5A	1/12/2009	4.81	60	22.4	1.04		2.46			
MWC-5B	1/3/2005	6.84	228	23.3	0.25	-43	1.04			

Table 17 (Continued)
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-5B	4/12/2005	7.3	211	23.5	0.53	12	1.43			
MWC-5B	7/5/2005	7.6	229	24.6	0.19	22	1.92			
MWC-5B	10/10/2005	8.37	252	25	0.13	-104	2.51			
MWC-5B	1/5/2006	7.5	245	23.1	0.21	-131	0.43			
MWC-5B	4/10/2006	7.34	257	24.1	0.31		0.35			
MWC-5B	8/8/2006	7.45	250	24.5	0.06		0.24			
MWC-5B	10/16/2006	7.5	268	24.3	0		0.3	0.012	< 0.005	< 0.001
MWC-5B	1/18/2007	7.02	252	23.5	0.4		0.42			
MWC-5B	5/2/2007	6.88	258	23.8	0.13		0.4			
MWC-5B	11/8/2007	7.37	154	23.9	0.21		0.25			
MWC-5B	3/6/2008	7.3	255	22.9	0.22		0.54			
MWC-5B	5/14/2008	7.49	259	24.1	0.17		0.32			
MWC-5B	8/20/2008	7.57	219	25.5	0.06	-34	15.6			
MWC-5B	8/26/2008	6.74	276	25.2	0.06	-110	4			
MWC-5B	10/13/2008	6.22	206	24.7	0.06		0.99			
MWC-5B	1/12/2009	7.95	167	23.08	1.58		1.28			
MWB-6	10/15/1984	7.4	409	25				< 0.005	< 0.002	< 0.005
MWB-6	8/6/1985	7.3	450	24				< 0.005	< 0.002	< 0.005
MWB-6	10/14/1985	7.1	460	23.3				< 0.005	< 0.002	< 0.005
MWB-6	1/17/1986	7.3								
MWB-6	4/21/1986	8.2								
MWB-6	7/30/1986	7.4								
MWB-6	10/29/1986	7.6	390	23				< 0.005	0.003	< 0.005
MWB-6	4/22/1987	7.5	440	22				< 0.005	< 0.002	< 0.005
MWB-6	7/29/1987	7.5	400	23				< 0.005	< 0.002	< 0.005
MWB-6	10/27/1987	7.3	450	23.9				< 0.005	< 0.002	< 0.005
MWB-6	4/20/1988	7.8	400	24				< 0.005	< 0.002	< 0.005

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWB-6	7/27/1988	8.3	380	28.5				< 0.005	< 0.002	< 0.005
MWB-6	9/15/1988	7	400	24				< 0.005	< 0.002	< 0.005
MWB-6	1/26/1989	7.5	400	22.2				< 0.005	< 0.002	< 0.005
MWB-6	4/12/1989	7.6	400	23.3				< 0.005	< 0.002	< 0.005
MWB-6	7/20/1989	7.2	503	24.5				< 0.005	< 0.002	0.007
MWB-6	10/17/1989	7.6	380	23.9				< 0.005	< 0.002	< 0.005
MWB-6	1/3/1990	7.8	440	22.2				< 0.005	< 0.002	< 0.005
MWB-6	5/9/1990	7.5	350	25				< 0.005	< 0.002	< 0.005
MWB-6	7/23/1990	7.8	400	23.3				< 0.005	< 0.002	< 0.005
MWB-6	10/10/1990	7.6	420	25				< 0.005	< 0.002	< 0.005
MWB-6	1/4/2005	6.95	417	24.5	0	-32	0.75			
MWB-6	4/22/2005	7.3	410	24.2	0	-2	3.7			
MWB-6	7/8/2005	7.71	429	24.4	0.01	-15	3.86			
MWB-6	10/12/2005	7.91	389	24.2	0	-195	0.82			
MWB-6	1/9/2006	7.54	380	24	0	-270	0.38			
MWB-6	4/18/2006	7.46	394	24	0		0.9			
MWB-6	8/8/2006	7.51	396	24	0.03		0.28			
MWB-6	10/18/2006	8.17	393	24.1	0		0.41	< 0.002	< 0.005	< 0.002
MWB-6	1/17/2007	7.47	392	24	0.04		0.13			
MWB-6	5/8/2007	7.46	398	24.3	0.07		0.34			
MWB-6	11/8/2007	7.51	398	24	0.05		0.29			
MWB-6	3/10/2008	7.37	409	24.1	0.08		1.56			
MWB-6	5/14/2008	7.57	395	24.1	0.14		0.43			
MWB-6	8/21/2008	7.36	356	24	0.25	-61	3.14			
MWB-6	10/13/2008	7.21	299	23.9	0.06		1.23			
MWB-6	1/20/2009	7.21	433	23.6	0.57		1.22			
MW-7	10/16/1984	8.6	285	25.5				< 0.005	< 0.002	< 0.005

Table 17 (Continued)
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MW-7	5/13/1985	7.8	332	25.5				< 0.005	< 0.002	< 0.005
MW-7	8/6/1985	7.5	370	24				< 0.005	< 0.002	< 0.005
MW-7	10/16/1985	7.5	340	24.3				< 0.005	< 0.002	< 0.005
MW-7	1/20/1986	7.6								
MW-7	4/18/1986	8.1								
MW-7	7/28/1986	7.6								
MW-7	10/28/1986	7.9	340	23				< 0.005	0.003	< 0.005
MW-7	1/27/1987	7.7	320	20				< 0.005	< 0.002	< 0.005
MW-7	4/20/1987	7.4	370	23.5				< 0.005	< 0.002	< 0.005
MW-7	7/20/1987	7.5	330	23				< 0.005	< 0.002	< 0.005
MW-7	10/28/1987	7.5	340	23.3				< 0.005	0.004	< 0.005
MW-7	1/29/1988	7.6	300	24.4				< 0.005	< 0.002	< 0.005
MW-7	5/5/1988	8	320	25				< 0.005	< 0.002	0.005
MW-7	8/9/1988	8.3	320	30				< 0.005	< 0.002	< 0.005
MW-7	9/16/1988	7.28	350	24.5				< 0.005	0.002	< 0.005
MW-7	1/24/1989	7.7	340	24.4				< 0.005	< 0.002	< 0.005
MW-7	5/3/1989	7.8	260	23.8				< 0.005	< 0.002	< 0.005
MW-7	7/28/1989	7.8	344	27				< 0.005	< 0.002	< 0.005
MW-7	10/17/1989	7.7	344	27				< 0.005	< 0.002	< 0.005
MW-7	1/4/1990	7.9	370	23.3				< 0.005	< 0.002	< 0.005
MW-7	5/9/1990	7.8	350	25				< 0.005	< 0.002	< 0.005
MW-7	7/23/1990	8	310	23.3				< 0.005	0.006	< 0.005
MW-7	10/10/1990	7.7	340	26				< 0.005	< 0.002	< 0.005
MWC-7C	1/3/2005	7.02	271	23.5	0.64	103	0.79	0.0069	< 0.001	< 0.002
MWC-7C	4/12/2005	7.47	273	24.4	0.55	23	4.12	0.011	< 0.001	< 0.002
MWC-7C	7/5/2005	8.36	242	27.6	0.32	37	1.23	0.0048	< 0.001	< 0.002
MWC-7C	10/10/2005	9.31	234	26.9	0.57	68	2.75	< 0.005	< 0.001	< 0.002

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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-7C	1/5/2006	8.13	222	22.6	1.17	69	0.83	< 0.005	< 0.001	< 0.002
MWC-7C	4/10/2006	8.42	217	24.8	3.78		1.09			
MWC-7C	8/8/2006	7.87	265	26.1	0.55		1.84	< 0.005	< 0.005	< 0.002
MWC-7C	10/16/2006	7.5	260	24.2	0.44		0.84	0.01	< 0.005	< 0.002
MWC-7C	1/18/2007	7.45	265	23.1	0.58		0.89	0.015	< 0.005	< 0.001
MWC-7C	5/2/2007	7.3	264	25.1	0.53		4.69	0.012	< 0.005	< 0.001
MWC-7C	11/8/2007	7.33	275	23.5	0.33		0.45	0.012	< 0.005	< 0.002
MWC-7C	3/6/2008	7.58	267	22.3	0.31		1.43	0.01	< 0.000	< 0.003
MWC-7C	5/14/2008	7.66	265	24.7	0.53		1.74	0.008	< 0.000	< 0.003
MWC-7C	8/20/2008	7.87	216	26.4	0.01	-4.7	4.66	0.014	< 0.000	< 0.003
MWC-7C	8/26/2008	7.34	276	24.4	0.56	-49	7.37	0.014	< 0.001	< 0.002
MWC-7C	10/13/2008	7.46	201	24.3	0.13		1.69	0.004	< 0.002	< 0.002
MWC-7C	1/16/2009	7.78	261	20.39	3.12		17.4	0.009	< 0.009	< 0.002
MW-8	10/23/1984	7.3	418	25				< 0.005	< 0.002	< 0.005
MW-8	5/7/1985	7	412	26				< 0.005	< 0.002	< 0.005
MW-8	8/9/1985	7.3	470	24				< 0.005	< 0.002	< 0.005
MW-8	10/16/1985	7.3	423	24.3				< 0.005	< 0.002	0.007
MW-8	1/20/1986	7.3								
MW-8	4/17/1986	7.5								
MW-8	7/29/1986	7.4								
MW-8	10/28/1986	7.4	428	24				< 0.005	< 0.002	< 0.005
MW-8	4/21/1987	7.4	450	23				< 0.005	< 0.002	< 0.005
MW-8	10/27/1987	8	460	25				< 0.005	0.004	< 0.005
MW-8	1/26/1988	8.3	400	24.4				< 0.005	< 0.002	< 0.005
MW-8	8/3/1988	7.2	400	28				< 0.005	< 0.002	< 0.005
MW-8	9/16/1988	7.2	430	25				< 0.005	0.002	< 0.005
MW-8	1/18/1989	7.5	400	23.3				< 0.005	< 0.002	< 0.005

Table 17 (Continued)
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MW-8	4/11/1989	7.6	418	23.3				< 0.005	< 0.002	< 0.005
MW-8	7/28/1989	7.3	514	21.8				< 0.005	< 0.002	0.006
MW-8	10/20/1989	7.5	400	24.4				< 0.005	< 0.002	0.006
MW-8	1/9/1990	7.7	455	23.9				< 0.005	< 0.002	0.006
MW-8	5/9/1990	7.5	430	25				< 0.005	< 0.002	< 0.005
MW-8	7/23/1990	7.7	380	23.3				< 0.005	< 0.002	< 0.005
MW-8	10/10/1990	7.5	430	29				< 0.005	< 0.002	< 0.005
MWC-8R2	1/4/2005	7.07	423	25.6	0	-11	0.47			
MWC-8R2	3/10/2008	7.97	517	25.3			3.77	0.0069	< 0.000	0.0098
MWC-8R2	5/29/2008	7.73	539	25.8	0.14		1.1			
MWC-8R2	8/27/2008	8.93	531	25.5	0.11	-229	7.69			
MWC-8R2	10/13/2008	7.95	472	25.1	0.46		3.7			
MWC-8R2	1/27/2009	7.82	578	24.86	0.02		13.2			
MWC-11	10/23/1984	7.2	325	24.5				< 0.005	< 0.002	< 0.005
MWC-11	5/6/1985	7.4	331	24.5				< 0.005	< 0.002	< 0.005
MWC-11	10/25/1985	7.4	337	24				0.008	< 0.002	0.008
MWC-11	3/18/1986	7.7								
MWC-11	4/21/1986	7.6								
MWC-11	7/28/1986	7.5								
MWC-11	10/31/1986	7.9	340	24				< 0.005	0.004	< 0.005
MWC-11	1/26/1987	7.6	330	22						
MWC-11	10/27/1987	7.6	380	24.4				< 0.005	0.004	< 0.005
MWC-11	1/28/1988	7.8	330	25				< 0.005	< 0.002	< 0.005
MWC-11	4/21/1988	7.8	340	26				< 0.005	< 0.002	0.005
MWC-11	8/5/1988	7.6	310	24.4				< 0.005	0.002	< 0.005
MWC-11	9/16/1988	7.35	330	25.9				< 0.005	< 0.002	< 0.005
MWC-11	1/17/1989	7.7	300	22.2				< 0.005	< 0.002	0.005

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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-11	4/25/1989	7.6	260	22.8				< 0.005	0.006	< 0.005
MWC-11	7/21/1989	7.6	370	24.4				< 0.005	< 0.002	0.007
MWC-11	10/11/1989	7.7	360	25				< 0.005	< 0.002	0.007
MWC-11	1/8/1990	7.7	370	23.3				< 0.005	< 0.002	0.007
MWC-11	5/9/1990	7.5	350	25				< 0.005	< 0.002	< 0.005
MWC-11	7/23/1990	7.9	330	22.8				< 0.005	< 0.002	< 0.005
MWC-11	10/10/1990	7.7	340	25.5				< 0.005	< 0.002	< 0.005
MWC-11	1/5/2005	6.7	467	24.9	0	-107	0.48			
MWC-11	4/22/2005	7.17	466	25	0	-48	0.77			
MWC-11	7/8/2005	7.65	473	24.8	0	-149	0.56			
MWC-11	10/12/2005	7.45	461	25.1	0	-177	2.41			
MWC-11	1/9/2006	7.61	444	24.8	0	-231	3.4			
MWC-11	4/18/2006	7.44	448	24.8	0		0.89			
MWC-11	8/8/2006	7.45	469	25	0		0.54			
MWC-11	10/19/2006	7.68	466	24.9	1.12		0.7	0.054	< 0.005	< 0.002
MWC-11	1/17/2007	7.82	456	24.5	0.05		0.82			
MWC-11	5/16/2007	7.52	459	24.8	0.01		0.97			
MWC-11	11/9/2007	7.37	466	24.9	0.05		1.05			
MWC-11	3/10/2008	7.45	459	24.9	0		1.88			
MWC-11	5/14/2008	7.71	450	24.8	0.05		2.7			
MWC-11	8/28/2008	7.44	482	24.6	0.91	-161	3.02			
MWC-11	11/06/2008	7.7	394	24.8	0.04		1.79			
MWC-11	1/26/2009	7.36	455	24.02	0.04		2.34			
MWC-12A	1/3/2005	6.18	742	22.2	0.23	12	6.63			

Table 17 (Continued)
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Well ID	Date	Field pH	SC	Temp C°	DO	Redox	Turbidity	Arsenic	Cadmium	Chromium
MWC-12A	4/12/2005	6.58	770	20.8	0.48	-15	4.33			
MWC-12A	7/5/2005	7.09	787	23.2	0.24	-16	1.01			
MWC-12A	10/10/2005	6.78	762	24.5	0.13	-15	4.31			
MWC-12A	1/5/2006	6.07	738	22.1	0.09	-174	3.64			
MWC-12A	4/10/2006	6.03	746	20.8	0.25		2.77			
MWC-12A	8/8/2006	6.39	738	23.5	0.75		3.01			
MWC-12A	10/18/2006	6.48	743	23.3	0.27		0.49	< 0.005	< 0.001	< 0.002
MWC-12A	1/16/2007	7.13	714	21.5	0.23		1.75			
MWC-12A	5/2/2007	5.44	646	21	0.19		1.4			
MWC-12A	11/8/2007	6.02	669	22.8	0.11		1.31			
MWC-12A	3/6/2008	6.32	641	20.8	0.18		4.61			
MWC-12A	5/14/2008	6.15	648	21.5	0.27		5.19			
MWC-12A	8/27/2008	5.14	636	23.5	0.29	-22	14.7			
MWC-12A	10/07/2008	5.48	481	23.5	0.1		6.35			
MWC-12A	1/12/2009	6.16	635	20.5	0.16		0.96			
MWB-13A	8/28/2008	6.44	1073	24		-87	17.5	< 0.004	< 0.001	0.0043
MWB-13A	10/06/2009	5.87	926	24	0.11		19.5			
MWB-13A	1/13/2009	6.39	1296	23.2	0.15		2.31			
Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWB-1	10/16/1984	< 0.01		0.6	0.19	7.8	102	0.08	5.2	< 0.005
MWB-1	2/7/1985	0.01		0.8	0.15	9.0				
MWB-1	5/6/1985	< 0.01		0.2	0.18	12.0				
MWB-1	8/6/1985	< 0.01		0.1	0.12	15.0				
MWB-1	10/14/1985	< 0.01		0.2	0.1	11.0	126	0.012	6.7	< 0.005
MWB-1	1/17/1986	< 0.01		0.2	0.14	9.5	56	0.058	10	< 0.005
MWB-1	4/21/1986	0.01		0.8	0.14	10.0	32	0.014	6.1	< 0.005

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWB-1	7/30/1986	< 0.01		0.2	0.22	13.0	86	0.013	13	< 0.005
MWB-1	10/29/1986	< 0.01		4	0.19	14.0	38	0.013	9	< 0.005
MWB-1	1/26/1987	< 0.01		3.3	< 0.1	13.0	62	0.007	6.2	< 0.005
MWB-1	4/22/1987	< 0.01		3.9	0.21	17.0	50	0.01	6.7	< 0.005
MWB-1	7/20/1987	< 0.01		3.2	0.14					
MWB-1	10/27/1987	< 0.01		3.6	0.12					
MWB-1	1/25/1988	< 0.01		3.8	0.15					
MWB-1	5/10/1988	< 0.01		9.4	0.16					
MWB-1	7/29/1988	< 0.01		4.8	0.2					
MWB-1	9/15/1988	< 0.01		2.8	0.11					
MWB-1	1/25/1989	< 0.01		2.7	0.14					
MWB-1	4/26/1989	< 0.01		3.7	0.15					
MWB-1	7/17/1989	< 0.01		4.2	0.18					
MWB-1	10/12/1989	< 0.01		3.5	0.18					
MWB-1	1/3/1990	< 0.01		2.5	0.17					
MWB-1	5/1/1990	< 0.01		3.8	0.13					
MWB-1	7/23/1990	< 0.01		3.4	0.11					
MWB-1	10/10/1990	< 0.01		3.7	0.12					
MWB-1	1/4/2005			3.6	0.21	49	54			
MWB-1	2/17/2005			4.1	0.17	62	76			
MWB-1	4/12/2005			3.6	0.13	54	90			
MWB-1	7/5/2005			3.7	0.13	48	92			
MWB-1	8/17/2005			3.8	0.14	59	110			
MWB-1	9/1/2005			4.1	0.17	48	86			
MWB-1	10/10/2005			9.7	0.2	100	98			
MWB-1	1/5/2006			3.5	0.12	62	78			
MWB-1	4/10/2006			6.48	0.5	98	133			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWB-1	8/8/2006			3.53	0.48	64.6	114			
MWB-1	10/18/2006	< 0.003	0.00024	9.08	0.35	143	260		6.24	< 0.001
MWB-1	1/17/2007			3.22	0.39	53.1	113			
MWB-1	5/8/2007			19.8	0.56	234	405			
MWB-1	11/9/2007			7.87	0.53	127	205			
MWB-1	3/10/2008			3.72	0.53	51.5	124			
MWB-1	5/14/2008			34.1	0.93	510	900			
MWB-1	8/21/2008			10.2	0.173	61.7				
MWB-1	10/06/2008			4.94	0.36	78.9	139			
MWB-1	1/23/2009			5.71	0.215	46.3	88			
MW-2	12/20/1984	< 0.01		7.7	0.35	50.0				
MW-2	2/7/1985	< 0.01		7.5	0.4	37.0				
MW-2	5/13/1985	< 0.01		7.8	0.8	76.0				
MW-2	8/5/1985	< 0.01		8	0.8	48.0				
MW-2	10/14/1985	0.01		7.8	0.36	35.0	284	0.021	11	< 0.005
MW-2	1/16/1986	< 0.01		8.1	0.34	41.0	270	< 0.005	11	< 0.005
MW-2	4/18/1986	< 0.01		8.6	0.33	44.0	252	0.025	12	< 0.005
MW-2	7/28/1986	< 0.01		8.1	0.42	38.0	280	0.018	18	0.007
MW-2	10/27/1986	< 0.01		9.2	0.43	38.0	224	0.032	13	< 0.005
MW-2	1/27/1987	< 0.01		9.2	0.35	39.0	302	0.006	14	< 0.005
MW-2	4/20/1987	< 0.01		11	0.46	53.0	272	0.017	14	< 0.005
MW-2	7/20/1987	< 0.01		10	0.36	6.6				
MW-2	10/27/1987	< 0.01		11	0.35					
MW-2	2/1/1988	< 0.01		10	0.47					
MW-2	5/11/1988	< 0.01		12	0.62					
MW-2	8/10/1988	< 0.01		14	0.61					
MW-2	9/16/1988	< 0.01		11	0.44					

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MW-2	1/27/1989	< 0.01		12	0.59					
MW-2	4/28/1989	< 0.01		15	0.43					
MW-2	7/17/1989	< 0.01		24	0.5					
MW-2	10/11/1989	< 0.01		28	0.55					
MW-2	1/10/1990	< 0.01		30	0.56					
MW-2	5/9/1990	< 0.01		39	0.6					
MW-2	7/23/1990	< 0.01		39	0.65					
MW-2	10/10/1990	< 0.01		28	0.42					
MWC-2A	1/3/2005			2.9	< 0.044	2.3	< 5			
MWC-2A	4/12/2005			2.7	0.057	2.3	20			
MWC-2A	7/5/2005			3	< 0.044	< 1.7	22			
MWC-2A	10/10/2005			2.6	< 0.044	3.2	< 5			
MWC-2A	1/5/2006			2.7	< 0.044	< 1.7	6			
MWC-2A	4/10/2006			2.48	< 0.05	4	< 1			
MWC-2A	8/8/2006			2.3	< 0.01	2.2	33			
MWC-2A	10/16/2006	0.007	< 0.00005	3.84	< 0.01	4.1	22		3.1	< 0.008
MWC-2A	1/16/2007			2.61	< 0.01	3.8	19			
MWC-2A	5/8/2007			2.57	< 0.01	3.2	20			
MWC-2A	11/8/2007			4.02	< 0.01	11.3	37			
MWC-2A	3/6/2008			2.37	0	2.2	21			
MWC-2A	5/14/2008			2.44	0.05	3.2	24			
MWC-2A	8/21/2008			2.42	< 0.05	23.9	100			
MWC-2A	10/07/2008			2.26	< 0.005	1.7	39			
MWC-2A	1/12/2009			3.4	< 0.04	5.24	8			
MW-2B	1/3/2005			5.5	0.45	2.9	56			
MW-2B	4/12/2005			5.4	0.47	2.8	120			
MW-2B	7/5/2005			5.7	0.32	< 1.7	150			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MW-2B	10/10/2005			5.6	0.47	2.1	180			
MW-2B	1/5/2006			5.7	0.39	< 1.7	110			
MW-2B	4/10/2006			6	0.5	2	146			
MW-2B	8/8/2006			6.05	0.5	1.7	220			
MW-2B	10/16/2006	< 0.002	< 0.00005	6	0.54	1.8	164		9.1	< 0.001
MW-2B	1/17/2007			5.8	0.5	1.7	167			
MW-2B	5/8/2007			6.08	0.52	1.7	160			
MW-2B	11/8/2007			6.22	0.6	1.8	189			
MW-2B	3/6/2008			6.16	0.54	1.4	150			
MW-2B	5/14/2008			6.03	0.45	1.7	155			
MW-2B	8/21/2008			6.18	0.35	0.41	99			
MW-2B	10/07/2008			6.22	0.51	1.6	166			
MW-2B	1/12/2009			6.33	0.35	1.75	112			
MWM-3R	10/24/1984	< 0.01		527	0.15	540				
MWM-3R	2/7/1985	< 0.01		630	0.7	2700				
MWM-3R	5/6/1985	< 0.01		610	1	2090				
MWM-3R	8/8/1985	0.08		637	1.2	1170				
MWM-3R	10/25/1985	0.05		640	2	3770	9290	0.26	26	0.017
MWM-3R	1/21/1986	< 0.01		640	0.59	3500	9000	0.19	23	0.013
MWM-3R	4/17/1986	< 0.01		610	0.87	3680	9600	0.35	27	0.017
MWM-3R	7/29/1986	< 0.01		700	1.1	3990	9960	0.37	51	0.02
MWM-3R	10/29/1986	< 0.01		630	0.92	3880	8410	0.053	60	0.027
MWM-3R	1/26/1987	< 0.01		650	0.83	3600	8800	0.2	31	0.011
MWM-3R	4/21/1987	< 0.01		690	1.6	3620	8760	0.48	89	0.012
MWM-3R	7/20/1987	< 0.01		630	1.7					
MWM-3R	10/27/1987	< 0.02		610	0.63					
MWM-3R	1/26/1988	< 0.01		630	0.42					

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWM-3R	5/3/1988	< 0.01		512	0.31					
MWM-3R	8/2/1988	< 0.01		396	1.3					
MWM-3R	9/16/1988	< 0.01		664	1.7					
MWM-3R	1/18/1989	< 0.01		317	0.21					
MWM-3R	4/11/1989	< 0.01		578	1.6					
MWM-3R	7/18/1989	< 0.01		614	0.55					
MWM-3R	10/12/1989	< 0.01		709	2.3					
MWM-3R	1/3/1990	< 0.01		785	2.2					
MWM-3R	5/9/1990	< 0.01		847	2.3					
MWM-3R	7/23/1990	< 0.01		802	2.4					
MWM-3R	10/10/1990	< 0.01		777	2.1					
MWM-3R	1/4/2005			10	9.4	890	1100			
MWM-3R	11/26/2007	< 0.002	< 0.00007	110	200	690	2000		8.4	< 0.003
MWM-3R	3/10/2008			128	194	756	1960			
MWM-3R	5/28/2008			115	218	791	2160			
MWM-3R	8/26/2008			135	199	365	2592			
MWM-3R	12/10/2008			93.4	212	835	2130			
MWM-3R	1/13/2009			145	261	927	2128			
MW-4	10/16/1984	< 0.01		584	0.13	1400				
MW-4	2/7/1985	< 0.01		600	0.27	2700				
MW-4	5/6/1985	< 0.01		570	0.28	2740				
MW-4	8/5/1985	0.08		602	0.35	2530				
MW-4	10/25/1985	0.07		670	0.39	5680	9180	0.044	30	0.007
MW-4	1/20/1986	< 0.01		710	0.15	5620	9080	0.028	25	0.014
MW-4	4/17/1986	< 0.01		630	< 0.1	5590	9650	0.045	31	0.016
MW-4	7/28/1986	< 0.01		630	< 0.1	5350	9370	0.06	58	0.026
MW-4	10/28/1986	< 0.01		630	< 0.1	5370	9080	0.042	79	0.013

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MW-4	1/28/1987	< 0.01		644	< 0.1	5380	9200	0.02	40	< 0.005
MW-4	4/22/1987	< 0.01		720	< 0.1	5460	9320	< 0.005	56	< 0.005
MW-4	7/20/1987	< 0.01		690	< 0.1					
MW-4	10/28/1987	< 0.04		640	0.13					
MW-4	2/3/1988	< 0.01		640	0.16					
MW-4	5/10/1988	< 0.01		614	0.11					
MW-4	8/11/1988	< 0.02		667	0.19					
MW-4	9/17/1988	< 0.01		687	0.13					
MW-4	1/20/1989	< 0.01		662	0.11					
MW-4	4/27/1989	< 0.01		614	0.1					
MW-4	7/26/1989	< 0.01		627	< 0.1					
MW-4	10/17/1989	< 0.01		695	< 0.1					
MW-4	1/3/1990	< 0.01		723	0.12					
MW-4	5/7/1990	< 0.01		736	< 0.1					
MW-4	7/23/1990	< 0.01		809	< 0.1					
MW-4	10/10/1990	< 0.01		756	< 0.1					
MWC-4A	1/5/2005			5.6	0.94	100	800			
MWC-4AR	11/26/2007	< 0.002	0.00017	42	0.58	210	520		11	< 0.003
MWC-4AR	3/10/2008			43.4	2.04	230	602			
MWC-4AR	5/28/2008			34.1	0.76	197	544			
MWC-4AR	8/25/2008			47.8	0.54	119	746			
MWC-4AR	10/06/2008			38.2	1.09	199	672			
MWC-4AR	1/12/2009			39.2	0.422	212	567			
MWC-4B	1/5/2005			46	0.27	450	180			
MWC-4BR	11/26/2007	< 0.002	< 0.00007	8.3	0.45	30	190		6	< 0.003
MWC-4BR	3/10/2008			11.2	0.66	57.6	270			
MWC-4BR	5/28/2008			11.4	0.49	67.8	355			

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-4BR	8/25/2008			11.4	0.036	32	221			
MWC-4BR	10/06/2009			11.8	0.53	68.5	316			
MWC-4BR	1/12/2009			13.3	0.346	74.7	328			
MW-5	10/16/1984	< 0.01		1100	0.04	1320				
MW-5	2/7/1985	< 0.01		1000	0.05	2600				
MW-5	5/6/1985	< 0.01		970	0.05	3580				
MW-5	8/5/1985	0.11		990	0.06	3740				
MW-5	10/14/1985	0.11		1155	0.09	5030	13540	0.017	51	< 0.005
MW-5	1/17/1986	< 0.01		1040	< 0.1	5330	14350	0.008	31	0.021
MW-5	4/17/1986	< 0.01		1060	< 0.1	5500	15250	0.015	37	0.023
MW-5	7/28/1986	< 0.01		1120	0.19	3920	15200	0.005	92	0.041
MW-5	10/28/1986	< 0.01		1000	< 0.1	5260	13540	0.03	33	0.02
MW-5	1/27/1987	< 0.01		1040	< 0.1	4870	13800	0.01	26	< 0.005
MW-5	4/22/1987	< 0.01		1020	0.15	4890	12700	0.01	56	< 0.005
MW-5	7/20/1987	< 0.01		1110	< 0.1					
MW-5	10/28/1987	< 0.04		1100	< 0.1					
MW-5	1/28/1988	< 0.01		920	< 0.1					
MW-5	5/9/1988	< 0.01		824	< 0.1					
MW-5	8/11/1988	< 0.02		755	0.39					
MW-5	9/17/1988	< 0.01		788	0.35					
MW-5	1/19/1989	< 0.01		935	0.1					
MW-5	4/27/1989	< 0.01		806	< 0.1					
MW-5	7/27/1989	< 0.01		976	< 0.1					
MW-5	10/12/1989	< 0.01		880	0.1					
MW-5	1/3/1990	< 0.01		1100	0.14					
MW-5	5/9/1990	0.02		990	< 0.1					
MW-5	7/23/1990	< 0.01		1070	0.12					

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MW-5	10/10/1990	< 0.01		1000	< 0.1					
MWC-5A	1/3/2005			5.5	0.1	7	< 5			
MWC-5A	4/12/2005			5.8	0.088	12	40			
MWC-5A	7/5/2005			6.1	0.061	11	40			
MWC-5A	10/10/2005			4.8	0.13	7.2	< 5			
MWC-5A	1/5/2006			5.6	0.09	14	28			
MWC-5A	4/10/2006			5.39	< 0.1	13	24			
MWC-5A	8/8/2006			5.15	0.19	11	64			
MWC-5A	10/16/2006	< 0.001	< 0.00005	4.41	0.16	6.6	37		7.1	< 0.001
MWC-5A	1/17/2007			5.05	0.18	12.6	43			
MWC-5A	5/2/2007			5	0.17	12.3	40			
MWC-5A	11/8/2007			5.12	0.24	14.3	57			
MWC-5A	3/6/2008			4.62	< 0.005	10.3	42			
MWC-5A	5/14/2008			4.58	0.1	8.7	40			
MWC-5A	8/26/2008			5.05	0.057	2.47	67			
MWC-5A	10/13/2008			3.45	0.14	6.1	31			
MWC-5A	1/12/2009			4.53	0.11	10.2	8			
MWC-5B	1/3/2005			6.3	0.52	2.6	86			
MWC-5B	4/12/2005			6.3	0.5	2.8	110			
MWC-5B	7/5/2005			6.6	0.48	< 1.7	120			
MWC-5B	10/10/2005			6.5	0.58	1.8	110			
MWC-5B	1/5/2006			6.8	0.46	< 1.7	110			
MWC-5B	4/10/2006			6.85	0.6	2	145			
MWC-5B	8/8/2006			6.8	0.6	1.4	205			
MWC-5B	10/16/2006	< 0.001	< 0.00005	6.84	0.61	< 0.9	185		7.6	< 0.001
MWC-5B	1/18/2007			6.44	0.58	1.1	159			
MWC-5B	5/2/2007			13.4	0.61	1.1	161			

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-5B	11/8/2007			6.92	0.63	0.9	123			
MWC-5B	3/6/2008			6.63	0.64	1.1	205			
MWC-5B	5/14/2008			6.46	0.55	1	161			
MWC-5B	8/20/2008			6.77	0.45		174			
MWC-5B	8/26/2008			6.98	0.47	0.82	232			
MWC-5B	10/13/2008			9.81	0.58	0.9	162			
MWC-5B	1/12/2009			7.69	0.55	4.25	72			
MWB-6	10/15/1984	< 0.01		11	0.6	6.0	298	0.053	8.2	< 0.005
MWB-6	8/6/1985	< 0.01		11	0.47					
MWB-6	10/14/1985	< 0.01		11	0.56	4.3	262	0.009	8.1	< 0.005
MWB-6	1/17/1986					4.5	250	0.1	11	< 0.005
MWB-6	4/21/1986					3.0	216	0.012	8.7	< 0.005
MWB-6	7/30/1986					4.1	232	0.045	11	< 0.005
MWB-6	10/29/1986	0.01		11	0.65	4.4	242	< 0.005	11	< 0.005
MWB-6	4/22/1987	< 0.01		19	0.62					
MWB-6	7/29/1987	< 0.01		14	0.55					
MWB-6	10/27/1987	< 0.01		11	0.57					
MWB-6	4/20/1988	< 0.01		11	0.54					
MWB-6	7/27/1988	< 0.01		12	0.71					
MWB-6	9/15/1988	< 0.01		11	0.75					
MWB-6	1/26/1989	< 0.01		10	0.63					
MWB-6	4/12/1989	< 0.01		9.8	0.58					
MWB-6	7/20/1989	< 0.01		10	0.6					
MWB-6	10/17/1989	< 0.01		11	0.65					
MWB-6	1/3/1990	< 0.01		10	0.63					
MWB-6	5/9/1990	0.01		11	0.62					
MWB-6	7/23/1990	< 0.01		10	0.56					

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWB-6	10/10/1990	< 0.01		11	0.7					
MWB-6	1/4/2005			9.7	0.58	8.7	180			
MWB-6	4/22/2005			9.6	0.55	9.4	230			
MWB-6	7/8/2005			11	0.36	2.4	210			
MWB-6	10/12/2005			12	0.7	4.7	270			
MWB-6	1/9/2006			13	0.71	3.6	190			
MWB-6	4/18/2006			11.6	0.7	7	230			
MWB-6	8/8/2006			12.6	0.85	4.3	284			
MWB-6	10/18/2006	< 0.003	< 0.00007	12.3	0.85	4.3	188		9.87	< 0.008
MWB-6	1/17/2007			11.8	0.82	5.4	252			
MWB-6	5/8/2007			11.9	0.88	5	253			
MWB-6	11/8/2007			12.5	0.88	5.9	295			
MWB-6	3/10/2008			11.6	0.81	7	217			
MWB-6	5/14/2008			12.1	0.76	6.6	268			
MWB-6	8/21/2008			11.6	0.52	0.41	286			
MWB-6	10/13/2008			11.4	0.83	5.6	258			
MWB-6	1/20/2009			12.1	0.599	3.88	232			
MW-7	10/16/1984	< 0.01		14	0.72	2.7				
MW-7	5/13/1985	< 0.01		12	1.1					
MW-7	8/6/1985	< 0.01		12	0.53					
MW-7	10/16/1985	< 0.01		12	0.61	2.7	242	0.019	7.4	< 0.005
MW-7	1/20/1986					2.5	210	0.028	6.9	0.005
MW-7	4/18/1986					2.8	186	0.01	4.6	< 0.005
MW-7	7/28/1986					19.0	260	0.008	7	< 0.005
MW-7	10/28/1986	< 0.01		15	0.76	2.1	196	0.01	6.3	< 0.005
MW-7	1/27/1987	< 0.01		12	0.71					
MW-7	4/20/1987	< 0.01		12	0.8					

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MW-7	7/20/1987	< 0.01		12	0.74					
MW-7	10/28/1987	< 0.01		13	0.75					
MW-7	1/29/1988	< 0.01		12	0.77					
MW-7	5/5/1988	< 0.01		13	0.72					
MW-7	8/9/1988	< 0.01		15	0.7					
MW-7	9/16/1988	< 0.01		12	0.79					
MW-7	1/24/1989	< 0.01		11	0.81					
MW-7	5/3/1989	< 0.01		11	0.74					
MW-7	7/28/1989	< 0.01		11	0.6					
MW-7	10/17/1989	< 0.01		12	0.85					
MW-7	1/4/1990	< 0.01		10	0.78					
MW-7	5/9/1990	< 0.01		12	0.62					
MW-7	7/23/1990	< 0.01		12	0.74					
MW-7	10/10/1990	< 0.01		12	0.88					
MWC-7C	1/3/2005	< 0.002		8.1	0.62	2.3	42			
MWC-7C	4/12/2005	< 0.002		7.7	0.53	5.9	140			
MWC-7C	7/5/2005	< 0.002		7.8	0.49	< 1.7	140			
MWC-7C	10/10/2005	< 0.002		8.2	0.76	< 1.7	140			
MWC-7C	1/5/2006	< 0.002		8.7	0.67	< 1.7	96			
MWC-7C	4/10/2006			9.32	0.8	3	139			
MWC-7C	8/8/2006	< 0.003		8.5	0.73	1.4	209			
MWC-7C	10/16/2006	< 0.003	< 0.00005	8.06	0.75	3.5	166		5.3	< 0.001
MWC-7C	1/18/2007	< 0.002		8.02	0.72	2.1	178			
MWC-7C	5/2/2007	< 0.002		8.33	0.72	2.2	191			
MWC-7C	11/8/2007	0.004		8.3	0.74	1.4	184			
MWC-7C	3/6/2008	< 0.005		8.36	0.77	1.3	160			
MWC-7C	5/14/2008	< 0.005		7.94	0.69	1.2	172			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-7C	8/20/2008	< 0.001		8.24	0.57	0.41	189			
MWC-7C	8/26/2008	0.001		8.36	0.584	0.412	181			
MWC-7C	10/13/2008	< 0.03		9.1	0.75	1.5	169			
MWC-7C	1/16/2009	< 0.01		9.71	0.69	1.32	168			
MW-8	10/23/1984	< 0.01		6.9	0.51					
MW-8	5/7/1985	< 0.01		5.5	0.82					
MW-8	8/9/1985	< 0.01		5.4	0.56					
MW-8	10/16/1985	< 0.01		5.7	0.51	< 1.0	140	0.016	9	< 0.005
MW-8	1/20/1986					1.1	248	0.04	6	< 0.005
MW-8	4/17/1986					< 1.0	238	< 0.005	5.1	< 0.005
MW-8	7/29/1986					18.0	304	0.009	6.4	< 0.005
MW-8	10/28/1986	< 0.01		6.2	0.6	< 1.0	244	0.017	7.2	< 0.005
MW-8	4/21/1987	< 0.01		5.7	0.56					
MW-8	10/27/1987	< 0.01		5.8	0.51					
MW-8	1/26/1988	< 0.01		5.8	0.58					
MW-8	8/3/1988	< 0.01		5.9	0.57					
MW-8	9/16/1988	< 0.01		5.7	0.57					
MW-8	1/18/1989	< 0.01		5.8	0.57					
MW-8	4/11/1989	< 0.01		5.4	0.55					
MW-8	7/28/1989	< 0.01		5.3	0.52					
MW-8	10/20/1989	< 0.01		5.3	0.57					
MW-8	1/9/1990	< 0.01		4.3	0.52					
MW-8	5/9/1990	< 0.01		6.1	0.55					
MW-8	7/23/1990	< 0.01		5.8	0.54					
MW-8	10/10/1990	< 0.01		5.6	0.61					
MWC-8R2	1/4/2005			12	0.67	< 1.7	140			
MWC-8R2	3/10/2008	< 0.005	< 0.00007	22	0.57	34	270		6.7	0.005

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-8R2	5/29/2008			19.6	0.59	35.8	328			
MWC-8R2	8/27/2008			34.7	0.64	36.3	232			
MWC-8R2	10/13/2008			50.2	0.66	55.6	361			
MWC-8R2	1/27/2009			34.5	0.445	41.3	308			
MWC-11	10/23/1984	< 0.01		12	0.66					
MWC-11	5/6/1985	< 0.01		12	0.8					
MWC-11	10/25/1985	< 0.01		12	0.6	4.3	256	0.028	12	< 0.005
MWC-11	3/18/1986					1.6	236	0.087	8.5	< 0.005
MWC-11	4/21/1986					1.6	202	0.007	8.7	< 0.005
MWC-11	7/28/1986					3.1	200	0.12	12	< 0.005
MWC-11	10/31/1986	< 0.01		12	0.69	4.0	298	0.008	11	< 0.005
MWC-11	1/26/1987					4.6				
MWC-11	10/27/1987	< 0.01		12	0.64					
MWC-11	1/28/1988	< 0.01		9.8	0.65					
MWC-11	4/21/1988	< 0.01		13	0.61					
MWC-11	8/5/1988	< 0.01		13	0.67					
MWC-11	9/16/1988	< 0.01		12	0.68					
MWC-11	1/17/1989	< 0.01		12	0.68					
MWC-11	4/25/1989	< 0.01		11	0.67					
MWC-11	7/21/1989	< 0.01		12	0.63					
MWC-11	10/11/1989	< 0.01		12	0.7					
MWC-11	1/8/1990	< 0.01		9.8	0.67					
MWC-11	5/9/1990	< 0.01		12	0.71					
MWC-11	7/23/1990	< 0.01		12	0.51					
MWC-11	10/10/1990	< 0.01		12	0.66					
MWC-11	1/5/2005			14	0.67	39	280			
MWC-11	4/22/2005			14	0.75	46	290			

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-11	7/8/2005			16	0.52	21	250			
MWC-11	10/12/2005			15	0.63	48	320			
MWC-11	1/9/2006			15	0.63	47	250			
MWC-11	4/18/2006			14.9	0.7	44	283			
MWC-11	8/8/2006			14.9	0.76	44.7	348			
MWC-11	10/19/2006	< 0.003	< 0.00007	14.9	0.75	46.3	293		10.2	< 0.008
MWC-11	1/17/2007			14.2	0.73	43.9	297			
MWC-11	5/16/2007			14.6	0.72	41.3	237			
MWC-11	11/9/2007			14.2	0.81	39.4	280			
MWC-11	3/10/2008			14.3	0.83	42	300			
MWC-11	5/14/2008			13.9	0.68	37.7	286			
MWC-11	8/28/2008			14.7	0.505	34.3	292			
MWC-11	11/06/2008			14.8	0.572	36.6	318			
MWC-11	1/26/2009			15.8	0.705	37.5	296			
MWC-12A	1/3/2005			24	0.27	1.8	310			
MWC-12A	4/12/2005			23	0.25	2.6	370			
MWC-12A	7/5/2005			24	0.21	< 1.7	380			
MWC-12A	10/10/2005			24	0.35	< 1.7	480			
MWC-12A	1/5/2006			23	0.28	< 1.7	360			
MWC-12A	4/10/2006			21.7	0.5	< 0.4	425			
MWC-12A	8/8/2006			20.8	0.5	1	435			
MWC-12A	10/18/2006	< 0.003	< 0.00007	20.8	0.37	1	443		15.2	< 0.008
MWC-12A	1/16/2007			20.9	0.58	1.3	431			
MWC-12A	5/2/2007			20.6	0.43	< 0.5	429			
MWC-12A	11/8/2007			17.8	0.53	< 0.1	433			
MWC-12A	3/6/2008			22.2	0.96	0.6	372			
MWC-12A	5/14/2008			21.5	0.72	0.3	342			

Table 17 (Continued)
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Well ID	Date	Lead	Mercury	Sodium	Fluoride	Sulfate	TDS	Zinc	Chloride	Copper
MWC-12A	8/27/2008			22.8	0.303	1.27	316			
MWC-12A	10/07/2008			23.1	0.92	0.3	390			
MWC-12A	1/12/2009			24.3	0.285	0.631	320			
MWC-13A	8/28/2008	< 0.002	0.000072	64	0.42	530	1000		11	< 0.003
MWC-13A	10/06/2008			57.7	0.82	501	1078			
MWC-13A	1/13/2009			89.1	0.295	541	964			
Well ID	Date	Iron	Manganese	silver	Alpha	Ra226	Ra228	Orthophos	Total Phos	
MWB-1	10/16/1984	0.17	0.009	< 0.005	0				0.29	
MWB-1	2/7/1985			< 0.005	3.6				0.77	
MWB-1	5/6/1985			< 0.005	0.6				0.51	
MWB-1	8/6/1985			< 0.005	1.6				0.46	
MWB-1	10/14/1985	0.1	< 0.005		1.9				0.41	
MWB-1	1/17/1986	0.062	< 0.005		1.2				0.49	
MWB-1	4/21/1986	0.18	< 0.005		1.8				0.51	
MWB-1	7/30/1986	0.099	< 0.005		1.4				1.2	
MWB-1	10/29/1986	0.28	< 0.005		2.9				2	
MWB-1	1/26/1987	0.11	< 0.005		0.2				0.46	
MWB-1	4/22/1987	0.033	< 0.005		3.3				0.45	
MWB-1	7/20/1987				3.6				0.19	
MWB-1	10/27/1987				3.5				0.42	
MWB-1	1/25/1988				3.1				0.48	
MWB-1	5/10/1988				1.8				6.2	
MWB-1	7/29/1988				0.8				1.1	
MWB-1	9/15/1988				0.7				2.5	
MWB-1	1/25/1989				0.5				0.58	
MWB-1	4/26/1989				2.1				0.31	

Table 17 (Continued)
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Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWB-1	7/17/1989				4.6				0.56
MWB-1	10/12/1989				4.1				0.29
MWB-1	1/3/1990				0.5				0.04
MWB-1	5/1/1990				1.6				0.64
MWB-1	7/23/1990				1.1				0.29
MWB-1	10/10/1990				2.5				0.1
MWB-1	1/4/2005				< 1.38			< 0.009	
MWB-1	2/17/2005				< 1.41			0.009	
MWB-1	4/12/2005				3			< 0.009	
MWB-1	7/5/2005				8			0.026	
MWB-1	8/17/2005							< 0.017	
MWB-1	9/1/2005							0.018	
MWB-1	10/10/2005				1			0.039	
MWB-1	1/5/2006				1.2			< 0.009	
MWB-1	4/10/2006				0.1			< 0.008	
MWB-1	8/8/2006				1			0.02	
MWB-1	10/18/2006		0.053		3.1			0.01	< 0.103
MWB-1	1/17/2007				6.2			0.01	0.06
MWB-1	5/8/2007				1.3			< 0.009	
MWB-1	11/9/2007				3.2			0.01	
MWB-1	3/10/2008				< 1			< 0.003	
MWB-1	5/14/2008				1.5			0.01	
MWB-1	8/21/2008				9.8			0.02	
MWB-1	10/06/2008				1.3			0.03	
MWB-1	1/23/2009				<0.9			0.045	
MW-2	12/20/1984			< 0.005	4.9				0.53
MW-2	2/7/1985			< 0.005	5.5				0.77

Table 17 (Continued)
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Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MW-2	5/13/1985			< 0.005	4.6				1
MW-2	8/5/1985			< 0.005	5.7				0.65
MW-2	10/14/1985	2.300	0.043		5.7				0.4
MW-2	1/16/1986	2.300	0.046		6.1				0.06
MW-2	4/18/1986	2.100	0.051		2.6				0.05
MW-2	7/28/1986	2.300	0.046		4.5				< 0.02
MW-2	10/27/1986	1.400	0.04		6.9				0.04
MW-2	1/27/1987	2.000	0.041		7.9				0.96
MW-2	4/20/1987	2.500	0.039		16				0.79
MW-2	7/20/1987				9.6				0.03
MW-2	10/27/1987				15.5				0.04
MW-2	2/1/1988				9.2				< 0.02
MW-2	5/11/1988				8.2				0.06
MW-2	8/10/1988				9.6				0.05
MW-2	9/16/1988				5.5				0.05
MW-2	1/27/1989				8.7				0.03
MW-2	4/28/1989				20.3				< 0.02
MW-2	7/17/1989				16.3				0.04
MW-2	10/11/1989				9.1				0.04
MW-2	1/10/1990				7.2				< 0.02
MW-2	5/9/1990				11.9				< 0.02
MW-2	7/23/1990				13.2				< 0.02
MW-2	10/10/1990				8.8				< 0.02
MWC-2A	1/3/2005				< 0.166			< 0.009	
MWC-2A	4/12/2005				3			< 0.009	
MWC-2A	7/5/2005				12			0.024	
MWC-2A	10/10/2005				2			< 0.017	

Table 17 (Continued)
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Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWC-2A	1/5/2006				1			< 0.009	
MWC-2A	4/10/2006				0.1			< 0.004	
MWC-2A	8/8/2006				0.9			0.01	
MWC-2A	10/16/2006		0.004		2.7			0.01	0.343
MWC-2A	1/16/2007				2			< 0.01	0.07
MWC-2A	5/8/2007				< 1			0.04	
MWC-2A	11/8/2007				2.3			0.03	
MWC-2A	3/6/2008				< 1			< 0.003	
MWC-2A	5/14/2008				3.7			0.006	
MWC-2A	8/21/2008				4			0.01	
MWC-2A	10/07/2008				0.9			0.01	
MWC-2A	1/12/2009				<0.9			0.02	
MWC-2B	1/3/2005				< 0.659			0.63	
MWC-2B	4/12/2005				3			0.59	
MWC-2B	7/5/2005				4			0.66	
MWC-2B	10/10/2005				1			0.7	
MWC-2B	1/5/2006				2.7			0.69	
MWC-2B	4/10/2006				0.7			0.683	
MWC-2B	8/8/2006				2.3			0.74	
MWC-2B	10/16/2006		0.028		< 1			0.71	0.699
MWC-2B	1/17/2007				< 1			0.79	0.72
MWC-2B	5/8/2007				14			0.76	
MWC-2B	11/8/2007				< 1			0.81	
MWC-2B	3/6/2008				< 1			0.827	
MWC-2B	5/14/2008				3.1			0.82	
MWC-2B	8/21/2008				7.8			0.74	
MWC-2B	10/07/2008				<1.2			0.85	

Table 17 (Continued)
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Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWC-2B	1/12/2009				<1.8			0.786	
MWM-3R	10/24/1984			< 0.005	55.2				540
MWM-3R	2/7/1985			0.006	88.4				760
MWM-3R	5/6/1985			< 0.005	64.1				737
MWM-3R	8/8/1985			< 0.005	2.9				580
MWM-3R	10/25/1985	110	3.1		54				742
MWM-3R	1/21/1986	94	2.2		17.7				908
MWM-3R	4/17/1986	128	3.2		72.3				895
MWM-3R	7/29/1986	127	4.4		59				799
MWM-3R	10/29/1986	119	3.2		84.7				620
MWM-3R	1/26/1987	110	3.2		81.6				840
MWM-3R	4/21/1987	110	3.4		82				700
MWM-3R	7/20/1987				32.2				567
MWM-3R	10/27/1987				29.8				548
MWM-3R	1/26/1988				50				790
MWM-3R	5/3/1988				20.8				560
MWM-3R	8/2/1988				40.1				390
MWM-3R	9/16/1988				23.4				672
MWM-3R	1/18/1989				13.8				482
MWM-3R	4/11/1989				0				790
MWM-3R	7/18/1989				26.4				798
MWM-3R	10/12/1989				17.4				830
MWM-3R	1/3/1990				2.4				860
MWM-3R	5/9/1990				27.1				961
MWM-3R	7/23/1990				16				780
MWM-3R	10/10/1990				47.3				900
MWM-3R	1/4/2005				< 1.6			9.7	

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWM-3R	11/26/2007		0.45		< 1			130	170
MWM-3R	3/10/2008				8.89			124	
MWM-3R	5/28/2008				8			120	
MWM-3R	8/26/2008				13	0.7	< 0.8	118	
MWM-3R	12/10/2008				10.4			113	
MWM-3R	1/13/2009				11			151	
MW-4	10/16/1984			< 0.005	0.7				85
MW-4	2/7/1985			0.008	73.8				3
MW-4	5/6/1985			< 0.005	60.5				29
MW-4	8/5/1985			< 0.005	57.6				86
MW-4	10/25/1985	140	2.9		56.4				37
MW-4	1/20/1986	120	2.8		75.2				34
MW-4	4/17/1986	144	2.9		57.1				60
MW-4	7/28/1986	121	3.2		83				44
MW-4	10/28/1986	110	2.6		64.8				85
MW-4	1/28/1987	142	2.6		59.8				65
MW-4	4/22/1987	95	3		40.3				166
MW-4	7/20/1987				49.1				155
MW-4	10/28/1987				32.5				145
MW-4	2/3/1988				56.5				14
MW-4	5/10/1988				80.5				20
MW-4	8/11/1988				30.3				300
MW-4	9/17/1988				18.4				16
MW-4	1/20/1989				27.8				383
MW-4	4/27/1989				18				417
MW-4	7/26/1989				37.9				422
MW-4	10/17/1989				14.5				460

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MW-4	1/3/1990				45.7				428
MW-4	5/7/1990				14				597
MW-4	7/23/1990				8.6				632
MW-4	10/10/1990				29.9				670
MWC-4A	1/5/2005				7.76			0.43	
MWC-4AR	11/26/2007		0.11		15	2.4	1.2	2.9	3.2
MWC-4AR	3/10/2008				295	< 1		1.77	
MWC-4AR	5/28/2008				3.7			1.61	
MWC-4AR	8/25/2008				9.7	3.6	< 0.9	2.37	
MWC-4AR	10/06/2008				6.3			1.33	
MWC-4AR	1/12/2009				4.9			2.17	
MWC-4B	1/5/2005				18.9	9.32	1.16	0.18	
MWC-4BR	11/26/2007		0.013		2.6			< 0.075	< 0.004
MWC-4BR	3/10/2008				2.02			0.01	
MWC-4BR	5/28/2008				8.3			0.03	
MWC-4BR	8/25/2008				4	2.1	< 0.8	0.01	
MWC-4BR	10/06/2008				4			0.02	
MWC-4BR	1/12/2009				4.9			0.042	
MW-5	10/16/1984			< 0.005	3.5				1200
MW-5	2/7/1985			< 0.005	50.2				1400
MW-5	5/6/1985			< 0.005	10.3				1330
MW-5	8/5/1985			< 0.005	5.9				1560
MW-5	10/14/1985	130	2.5		31.2				1900
MW-5	1/17/1986	116	2.4		53.1				1890
MW-5	4/17/1986	170	4.2		14.5				1440
MW-5	7/28/1986	120	4.2		22				1810
MW-5	10/28/1986	132	4		18.4				1650

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MW-5	1/27/1987	40	3.7		22.5				1740
MW-5	4/22/1987	96	4.2		17.6				1450
MW-5	7/20/1987				40				1660
MW-5	10/28/1987				0				1710
MW-5	1/28/1988				14.2				1600
MW-5	5/9/1988				17.6				1610
MW-5	8/11/1988				56.6				1200
MW-5	9/17/1988				23.6				927
MW-5	1/19/1989				11.4				1250
MW-5	4/27/1989				2.4				1280
MW-5	7/27/1989				13.2				1340
MW-5	10/12/1989				5.8				1155
MW-5	1/3/1990				3.8				1200
MW-5	5/9/1990				15.4				1330
MW-5	7/23/1990				43.9				1191
MW-5	10/10/1990				24.1				1400
MWC-5A	1/3/2005				< 0.58			0.27	
MWC-5A	4/12/2005				3			0.14	
MWC-5A	7/5/2005				2			0.13	
MWC-5A	10/10/2005				4			0.36	
MWC-5A	1/5/2006				2.9			0.2	
MWC-5A	4/10/2006				0.9			0.099	
MWC-5A	8/8/2006				2.2			0.08	
MWC-5A	10/16/2006		0.002		4.2			0.26	0.307
MWC-5A	1/17/2007				2.1			0.15	0.17
MWC-5A	5/2/2007				< 1			0.13	
MWC-5A	11/8/2007				< 1			0.07	

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWC-5A	3/6/2008				0.9			0.145	
MWC-5A	5/14/2008				< 1			0.12	
MWC-5A	8/26/2008				5.8	0.9	< 0.8	0.12	
MWC-5A	10/13/2008				1			0.278	
MWC-5A	1/12/2009				1.3			0.246	
MWC-5B	1/3/2005				7.76			< 0.009	
MWC-5B	4/12/2005				5			0.026	
MWC-5B	7/5/2005				6			0.031	
MWC-5B	10/10/2005				4			< 0.017	
MWC-5B	1/5/2006				5.5			< 0.009	
MWC-5B	4/10/2006				4			< 0.009	
MWC-5B	8/8/2006				5.3			0.01	
MWC-5B	10/16/2006		0.027		3.5			0.01	0.05
MWC-5B	1/18/2007				2.9			0.01	0.04
MWC-5B	5/2/2007				8.3			0.01	
MWC-5B	11/8/2007				7.1			< 0.003	
MWC-5B	3/6/2008				4.5			< 0.003	
MWC-5B	5/14/2008				8.6			0.01	
MWC-5B	8/20/2008				10.6	3.5	< 0.8	0.008	
MWC-5B	8/26/2008				15.9	4.3		0.007	
MWC-5B	10/13/2008				4.8			0.015	
MWC-5B	1/12/2009				5.2			0.015	
MWB-6	10/15/1984	< 0.02	< 0.005	< 0.005	18				0.04
MWB-6	8/6/1985				9.7				0.07
MWB-6	10/14/1985	< 0.02	< 0.005		9.5				0.04
MWB-6	1/17/1986	1.5	0.042						
MWB-6	4/21/1986	0.029	< 0.005						

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWB-6	7/30/1986	0.098	0.012						
MWB-6	10/29/1986	0.034	< 0.005		11.3				0.26
MWB-6	4/22/1987				14.3				0.02
MWB-6	7/29/1987				12.1				0.04
MWB-6	10/27/1987				25.2				2.8
MWB-6	4/20/1988				3.6				0.07
MWB-6	7/27/1988				3				0.4
MWB-6	9/15/1988				11				0.04
MWB-6	1/26/1989				6.2				0.08
MWB-6	4/12/1989				8.3				0.6
MWB-6	7/20/1989				3.7				0.08
MWB-6	10/17/1989				11.1				0.02
MWB-6	1/3/1990				7.1				0.13
MWB-6	5/9/1990				10.5				0.03
MWB-6	7/23/1990				13.2				0.02
MWB-6	10/10/1990				16.2				0.02
MWB-6	1/4/2005				4.64			< 0.009	
MWB-6	4/22/2005				4			< 0.009	
MWB-6	7/8/2005				11			< 0.017	
MWB-6	10/12/2005				1			< 0.017	
MWB-6	1/9/2006				4.3			< 0.009	
MWB-6	4/18/2006				5.5			< 0.014	
MWB-6	8/8/2006				5.7			0.02	
MWB-6	10/18/2006		< 0.001		2.2			0.02	< 0.05
MWB-6	1/17/2007				9.2			0.02	0.01
MWB-6	5/8/2007				6.6			0.02	
MWB-6	11/8/2007				5.4			0.01	

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWB-6	3/10/2008				53.3	2.3		0.01	
MWB-6	5/14/2008				7.8			0.02	
MWB-6	8/21/2008				4.5			0.009	
MWB-6	10/13/2008				3.2			0.021	
MWB-6	1/20/2009				4.78			0.082	
MW-7	10/16/1984				8.5				0.12
MW-7	5/13/1985				4.5				0.05
MW-7	8/6/1985				6.4				0.07
MW-7	10/16/1985	< 0.02	< 0.005		7				0.04
MW-7	1/20/1986	0.080	< 0.005						
MW-7	4/18/1986	0.066	< 0.005						
MW-7	7/28/1986	0.590	0.021						
MW-7	10/28/1986	0.420	0.017		4.7				0.04
MW-7	1/27/1987				6.9				0.1
MW-7	4/20/1987				7				0.4
MW-7	7/20/1987				6.8				0.09
MW-7	10/28/1987				8.5				0.61
MW-7	1/29/1988				3.5				0.36
MW-7	5/5/1988				4.3				0.09
MW-7	8/9/1988				4.6				0.29
MW-7	9/16/1988				5.9				0.06
MW-7	1/24/1989				5.2				0.04
MW-7	5/3/1989				8.8				0.03
MW-7	7/28/1989				5.9				0.07
MW-7	10/17/1989				9.1				0.07
MW-7	1/4/1990				7				0.1
MW-7	5/9/1990				9.7				0.03

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MW-7	7/23/1990				11.3				0.02
MW-7	10/10/1990				9.9				< 0.02
MWC-7C	1/3/2005				< 1.91			< 0.009	
MWC-7C	4/12/2005				2			0.0095	
MWC-7C	7/5/2005				4			0.017	
MWC-7C	10/10/2005				1			< 0.017	
MWC-7C	1/5/2006				4.3			< 0.009	
MWC-7C	4/10/2006				2.8			< 0.008	
MWC-7C	8/8/2006				3.7			0.01	
MWC-7C	10/16/2006		0.003		2.9			0.01	0.052
MWC-7C	1/18/2007				3.4			0.01	0.02
MWC-7C	5/2/2007				9.4			0.01	
MWC-7C	11/8/2007				9.2			< 0.003	
MWC-7C	3/6/2008				3.1			< 0.003	
MWC-7C	5/14/2008				8.4			0.02	
MWC-7C	8/20/2008				4.6			0.009	
MWC-7C	8/26/2008				7.7	1.6	< 0.9	0.02	
MWC-7C	10/13/2008				6.8			0.022	
MWC-7C	1/16/2009				2.7			0.032	
MW-8	10/23/1984				27.1				0.1
MW-8	5/7/1985				4				0.17
MW-8	8/9/1985				5.9				0.27
MW-8	10/16/1985	< 0.02	< 0.005		5.4				0.1
MW-8	1/20/1986	0.150	0.009						
MW-8	4/17/1986	0.700	0.019						
MW-8	7/29/1986	0.540	0.019						
MW-8	10/28/1986	0.029	< 0.005		3.7				0.62

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MW-8	4/21/1987				7.2				0.05
MW-8	10/27/1987				27.2				0.4
MW-8	1/26/1988				9.1				0.21
MW-8	8/3/1988				3.4				0.4
MW-8	9/16/1988				8.9				0.27
MW-8	1/18/1989				2				0.29
MW-8	4/11/1989				7.5				0.14
MW-8	7/28/1989				2.9				0.1
MW-8	10/20/1989				11.1				0.1
MW-8	1/9/1990				4.2				0.23
MW-8	5/9/1990				7.4				0.05
MW-8	7/23/1990				12.8				0.03
MW-8	10/10/1990				10.9				0.06
MWC-8R2	1/4/2005				5.15			< 0.009	
MWC-8R2	3/10/2008		0.002		16.1	11.1	0.9	0.011	< 0.075
MWC-8R2	5/29/2008				12.7			0.03	
MWC-8R2	8/27/2008				6.9	1.7	< 0.8	0.03	
MWC-8R2	10/13/2008				14.1			0.024	
MWC-8R2	1/27/2009				17.7			0.064	
MWC-11	10/23/1984			< 0.005	3.4				0.1
MWC-11	5/6/1985				4.8				0.25
MWC-11	10/25/1985	1.000	0.028		3.2				0.05
MWC-11	3/18/1986	0.140	< 0.005						
MWC-11	4/21/1986	0.045	< 0.005						
MWC-11	7/28/1986	0.070	0.022						
MWC-11	10/31/1986	0.034	< 0.005		1.8				0.05
MWC-11	1/26/1987								

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWC-11	10/27/1987				5.6				0.08
MWC-11	1/28/1988				3.5				< 0.02
MWC-11	4/21/1988				3				0.14
MWC-11	8/5/1988				3.2				0.06
MWC-11	9/16/1988				2.7				1
MWC-11	1/17/1989				3.1				< 0.02
MWC-11	4/25/1989				2.4				0.06
MWC-11	7/21/1989				6.2				0.04
MWC-11	10/11/1989				4.2				0.06
MWC-11	1/8/1990				2				0.11
MWC-11	5/9/1990				1.7				0.04
MWC-11	7/23/1990				0.4				0.02
MWC-11	10/10/1990				5.4				0.13
MWC-11	1/5/2005				4.47			< 0.009	
MWC-11	4/22/2005				5			0.016	
MWC-11	7/8/2005				8			< 0.017	
MWC-11	10/12/2005				6			0.017	
MWC-11	1/9/2006				3			0.01	
MWC-11	4/18/2006				3			< 0.016	
MWC-11	8/8/2006				3.3			0.02	
MWC-11	10/19/2006		0.005		3.6			0.02	< 0.05
MWC-11	1/17/2007				7.6			0.02	0.02
MWC-11	5/16/2007				< 1			0.01	
MWC-11	11/9/2007				11.2			0.01	
MWC-11	3/10/2008				6.81			0.02	
MWC-11	5/14/2008				6.4			0.02	
MWC-11	8/28/2008				4.7	2	< 0.8	0.02	

Table 17 (Continued)
Mosaic Nichols Facility Monitor Well Analytical Information
Pritcher Road Environmental Assessment
Lithia, Hillsborough County, Florida

Well ID	Date	Iron	Manganese	Silver	Alpha	Ra226	Ra228	Orthophos	Total Phos
MWC-11	11/06/2008				3.1			0.03	
MWC-11	1/26/2009				<3.2			0.07	
MWC-12A	1/3/2005				5.57			0.36	
MWC-12A	4/12/2005				7			< 0.009	
MWC-12A	7/5/2005				6			0.024	
MWC-12A	10/10/2005				2			< 0.017	
MWC-12A	1/5/2006				5			< 0.009	
MWC-12A	4/10/2006				1.1			0.07	
MWC-12A	8/8/2006				5.8			0.15	
MWC-12A	10/18/2006		0.126		2.9			0.05	< 0.426
MWC-12A	1/16/2007				8.2			0.09	0.48
MWC-12A	5/2/2007				3.2			0.04	
MWC-12A	11/8/2007				3.2			0.04	
MWC-12A	3/6/2008				4.4			0.42	
MWC-12A	5/14/2008				1.5			0.05	
MWC-12A	8/27/2008				12.9	2.9	< 0.8	0.02	
MWC-12A	10/07/2008				2.4			0.13	
MWC-12A	1/12/2009				1.9			0.28	
MWC-13A	8/28/2008		0.31		31.9	8.4	< 0.8	0.03	1.1
MWC-13A	10/06/2008				18.5			0.06	
MWC-13A	1/13/2009				14.6			0.35	

Results presented in milligrams per Liter

<: Analyte not detected above this limit.

SC: Specific conductance.

DO: Dissolved oxygen

Turbidity: NTUs (Nephelometric Turbidity Units)

Charts

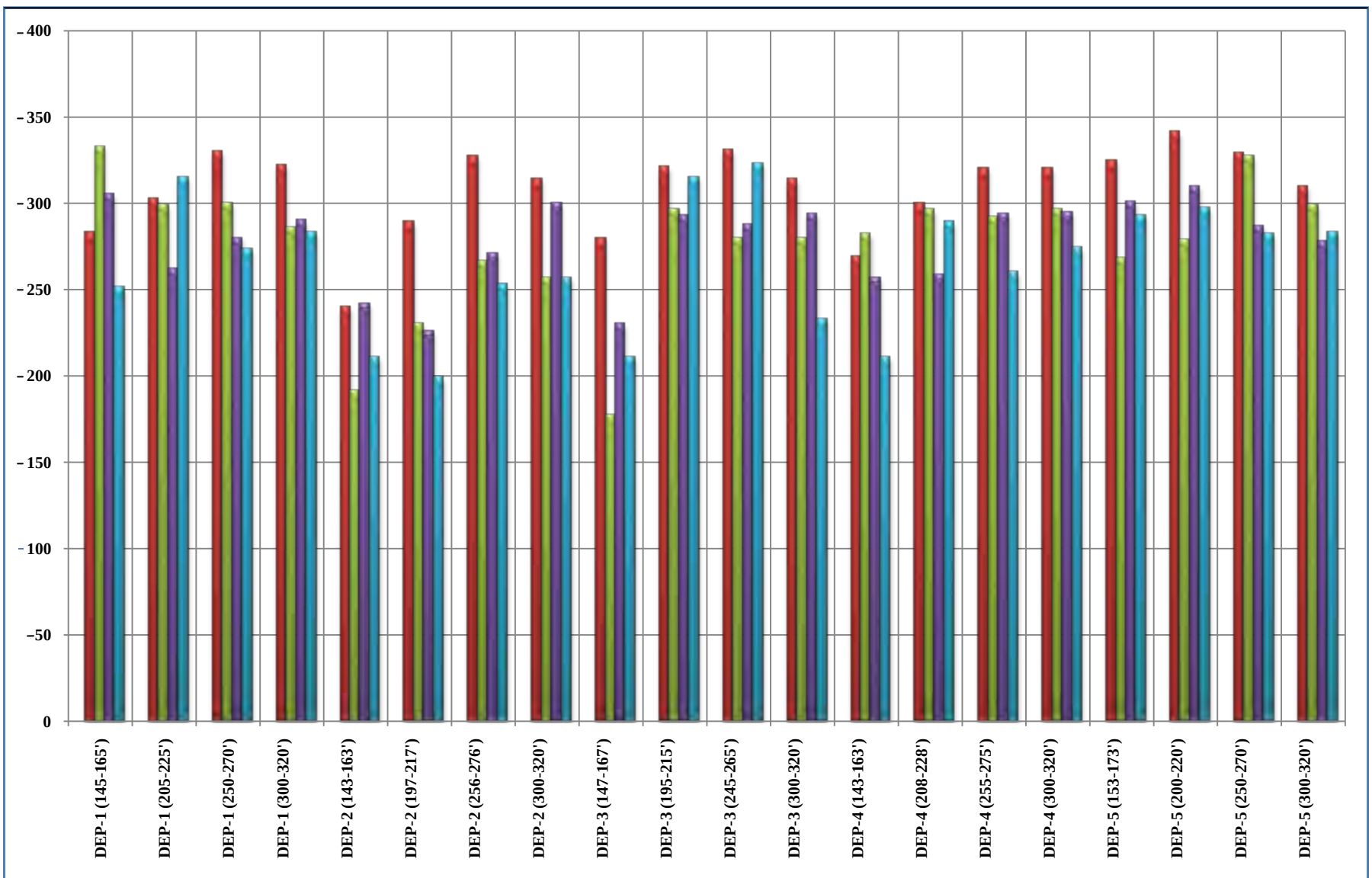


Chart A: Monitor Well Oxidation Reduction Potential (millivolts) Measured Results (4 Sample Events)

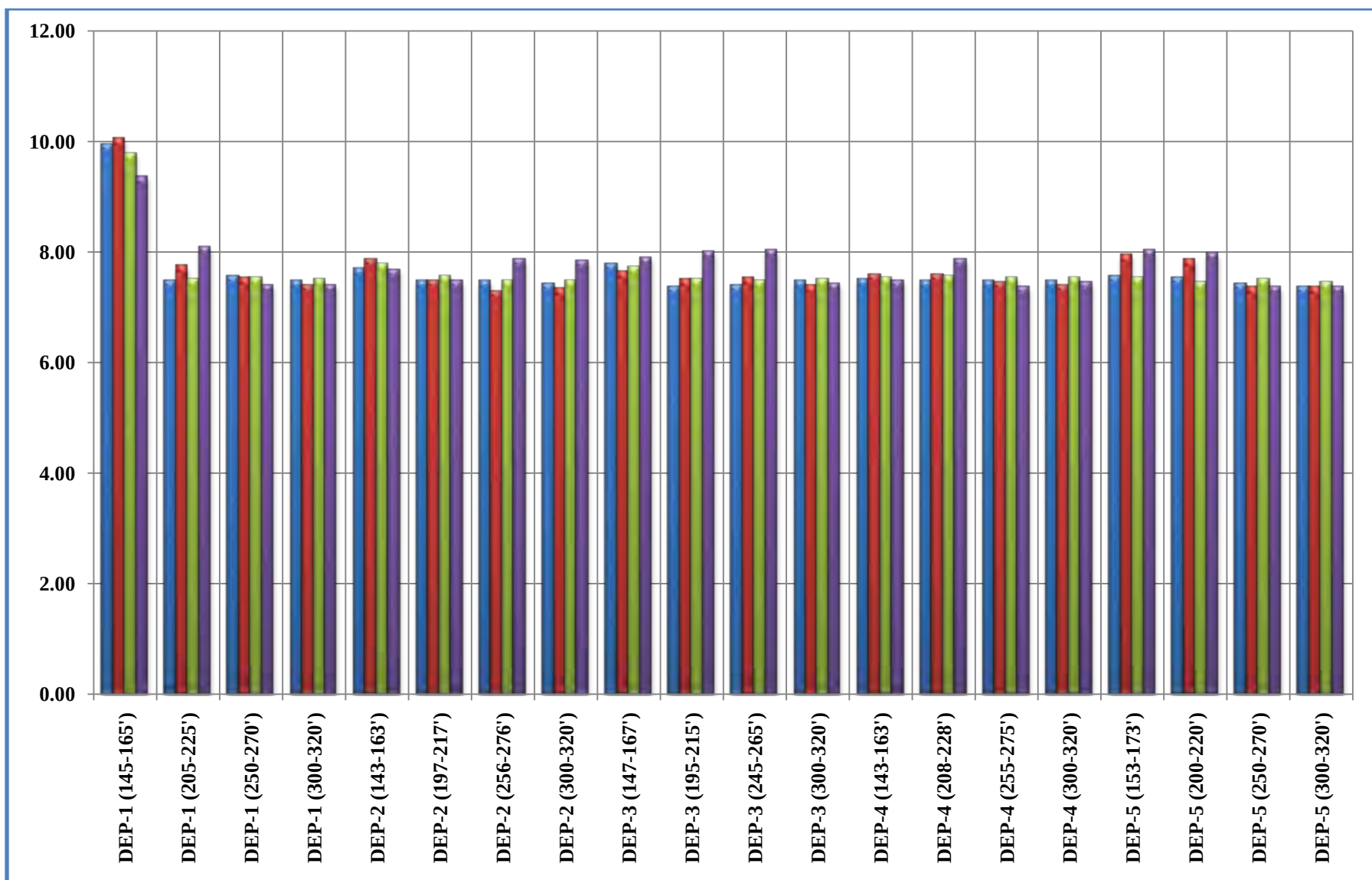


Chart B: Monitor Well pH Measured Results (4 Sample Events)

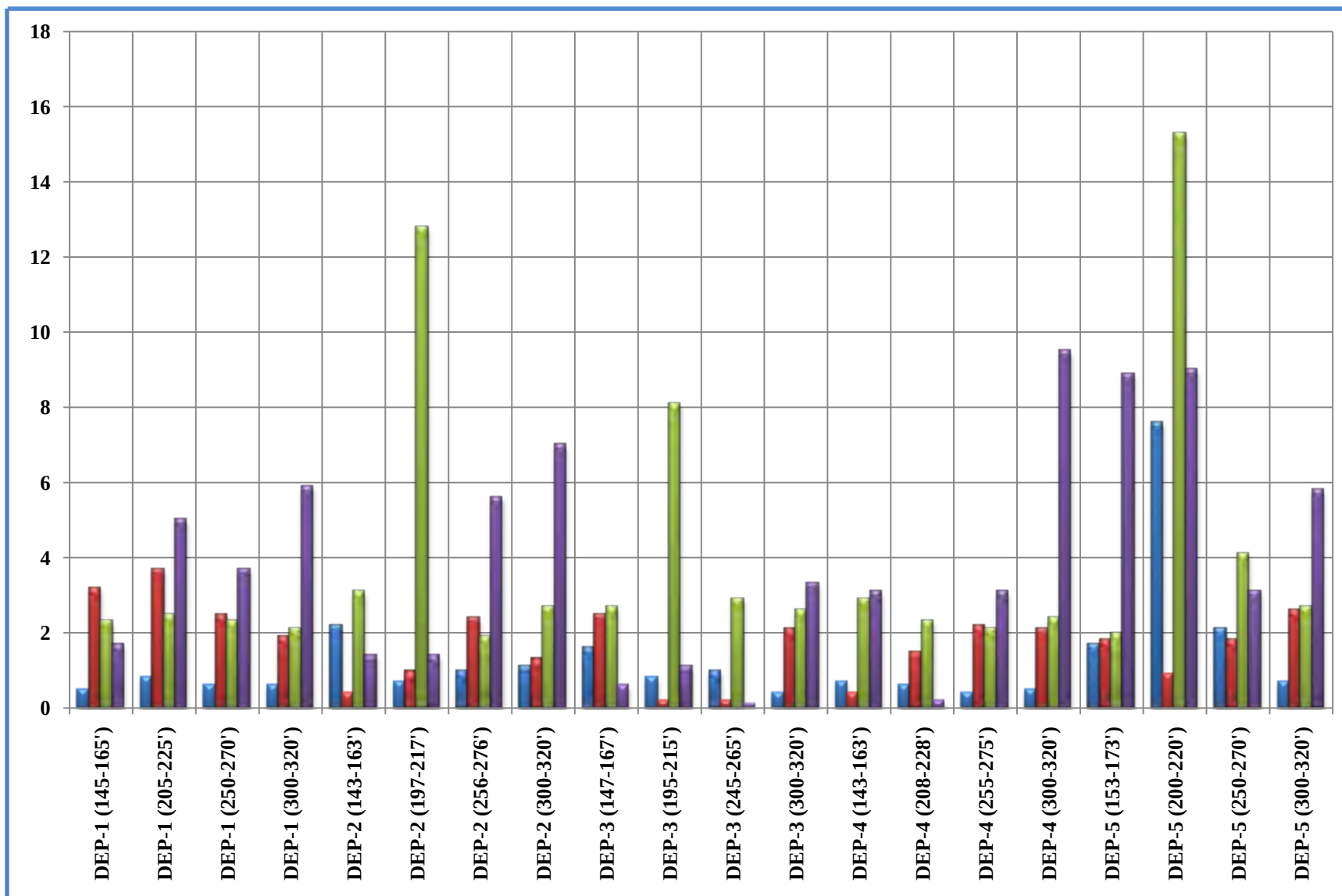


Chart C: Monitor Well Dissolved Oxygen (%) Measured Results (4 Sample Events)

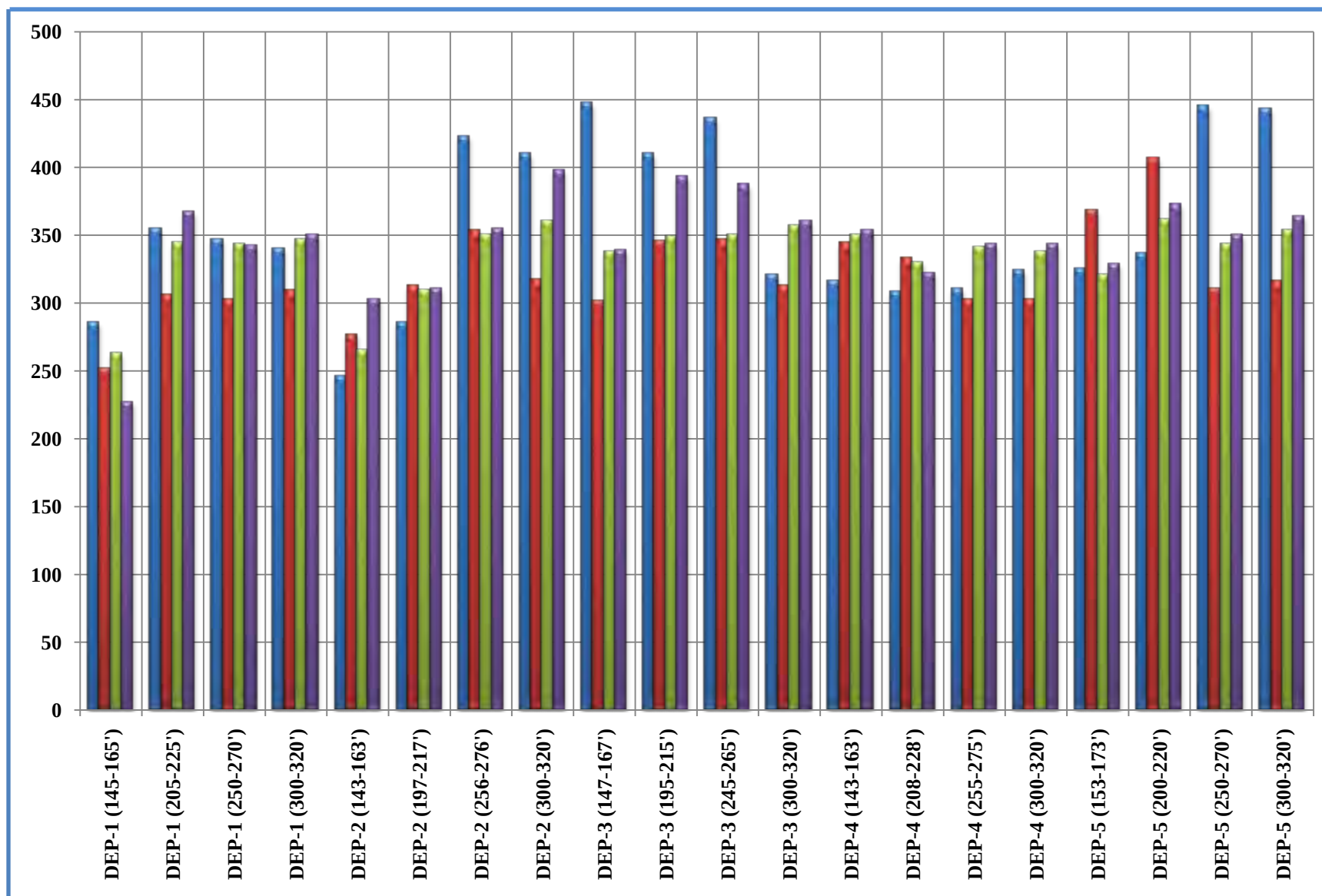


Chart D: Monitor Well Specific Conductivity (microsiemens per cm) Measured Results (4 Sample Events)

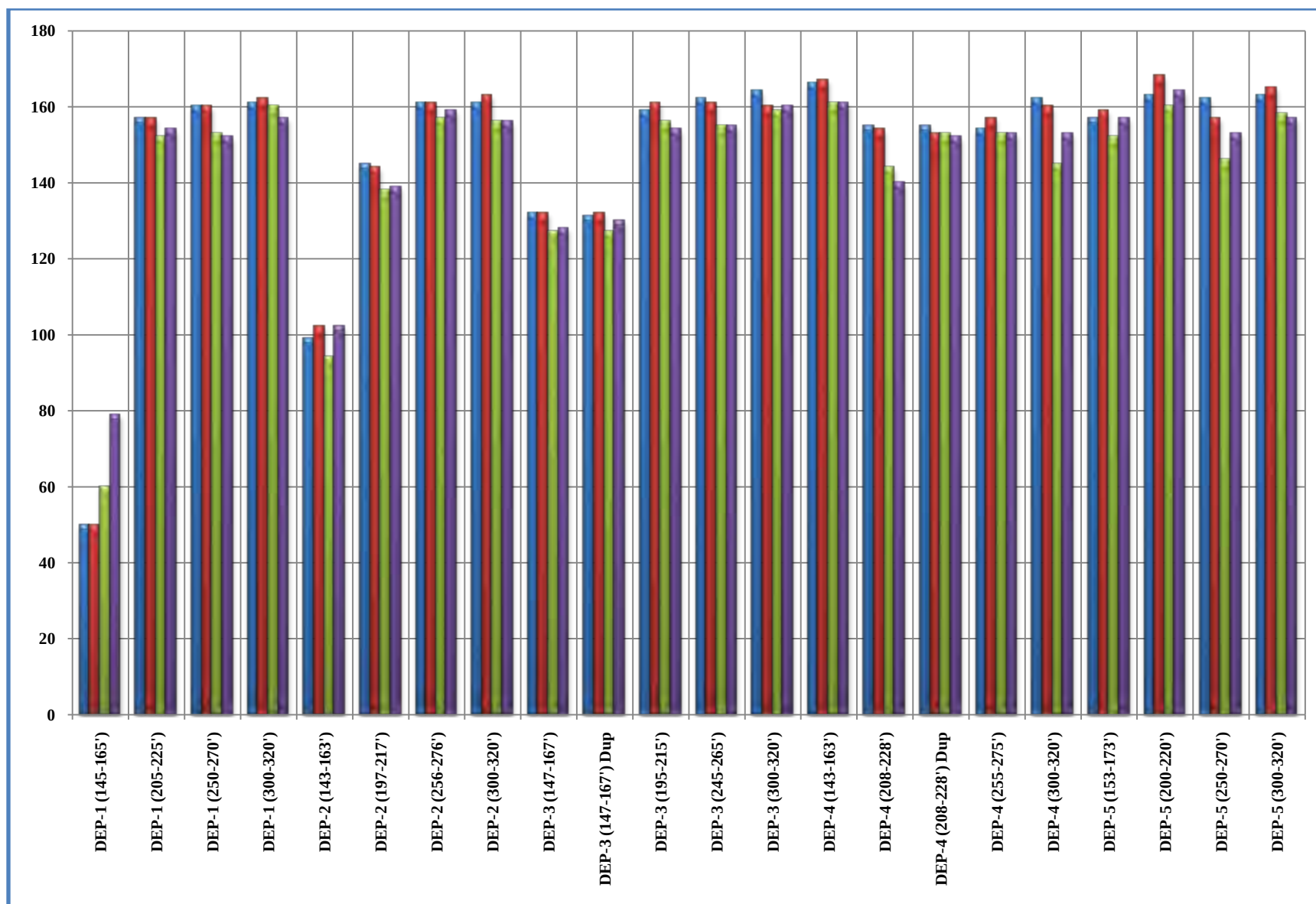


Chart E: Monitor Well Alkalinity Analytical Results (mg CaCO₃/L) (4 Sample Events)

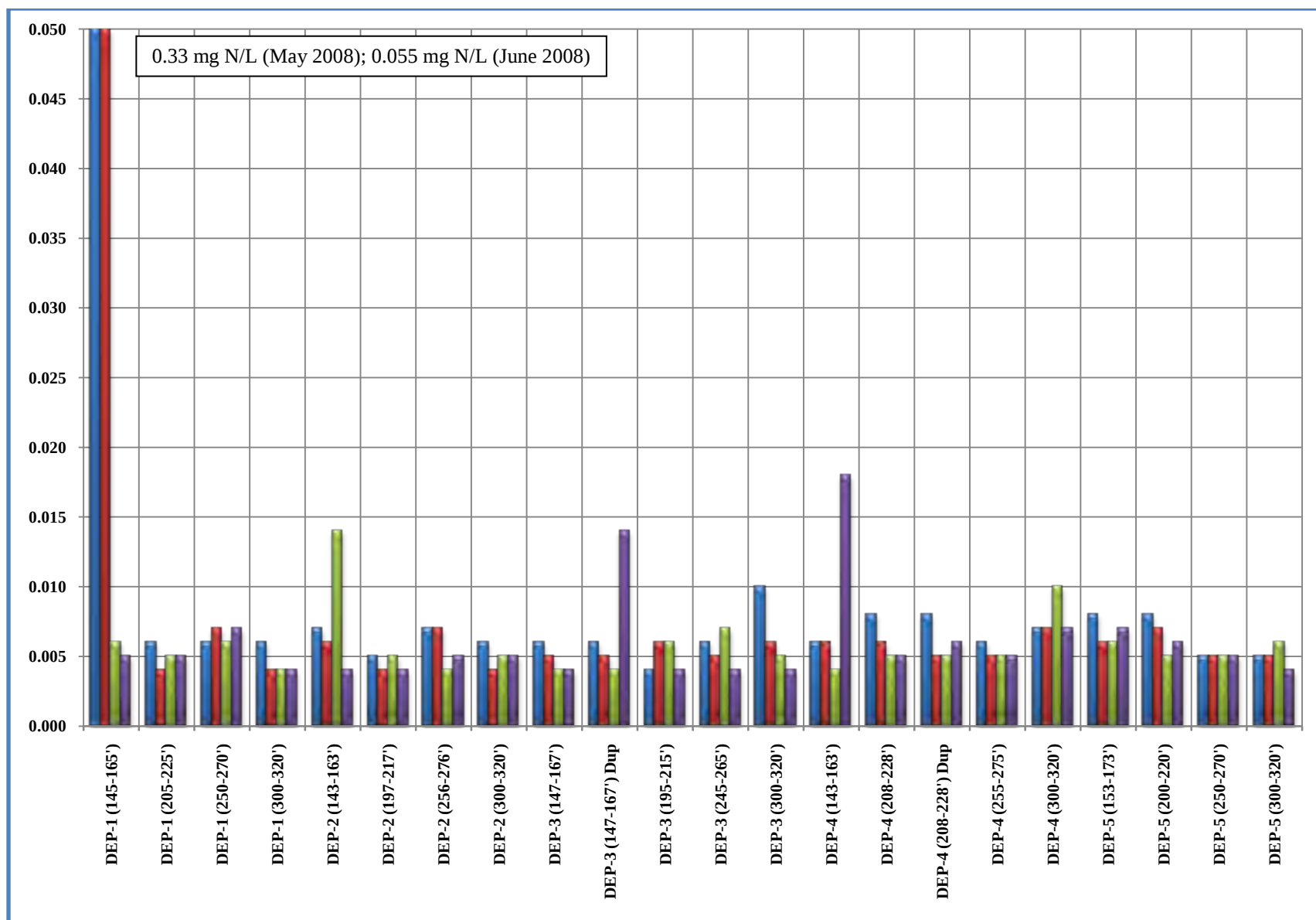


Chart F: Monitor Well Nitrite-Nitrate Analytical Results (NO₂NO₃/L) (4 Sample Events)

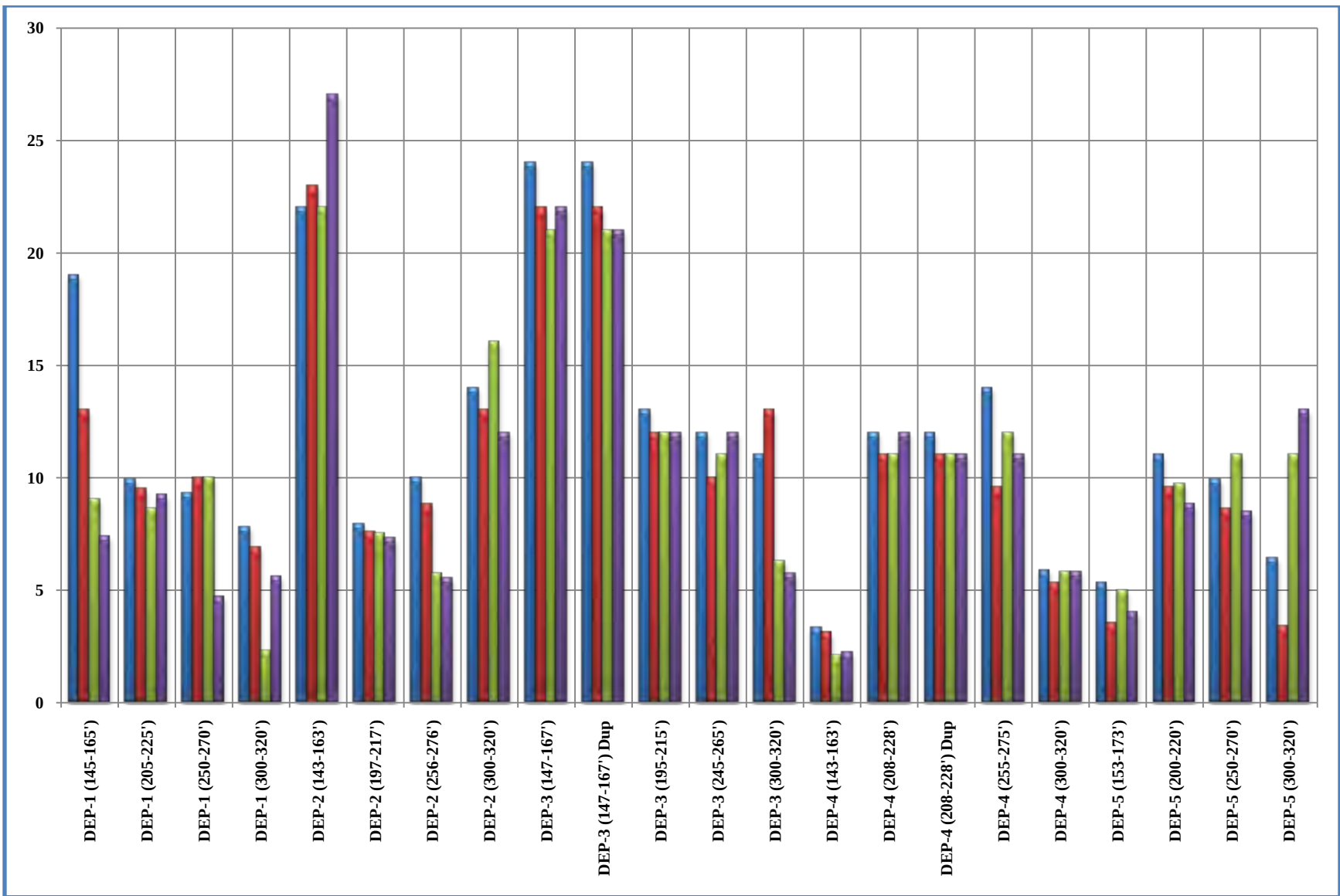


Chart G: Monitor Well Sulfate Analytical Results (SO4/L) (4 Sample Events)

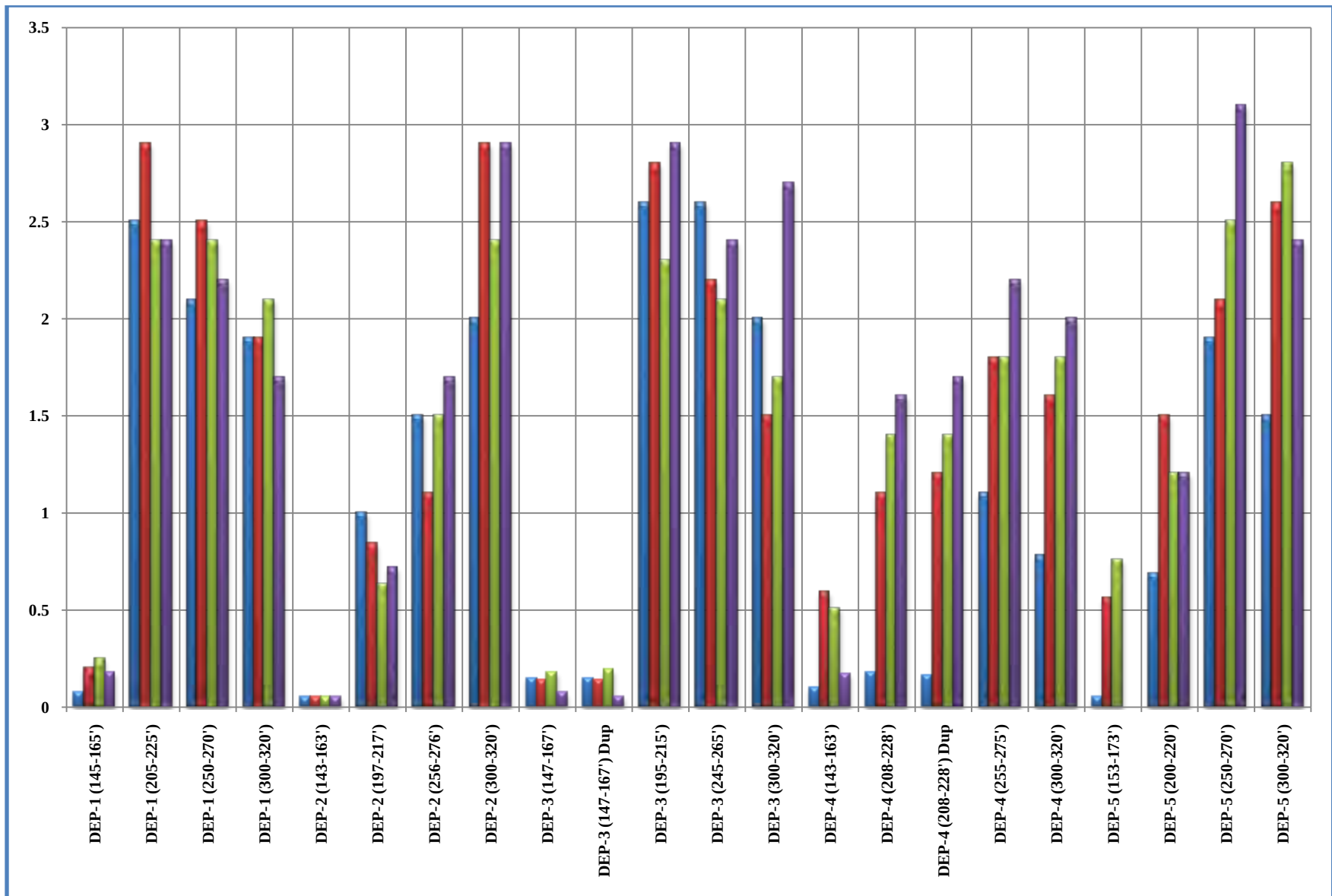


Chart H: Monitor Well Sulfide Analytical Results (mg S/L) (4 Sample Events)

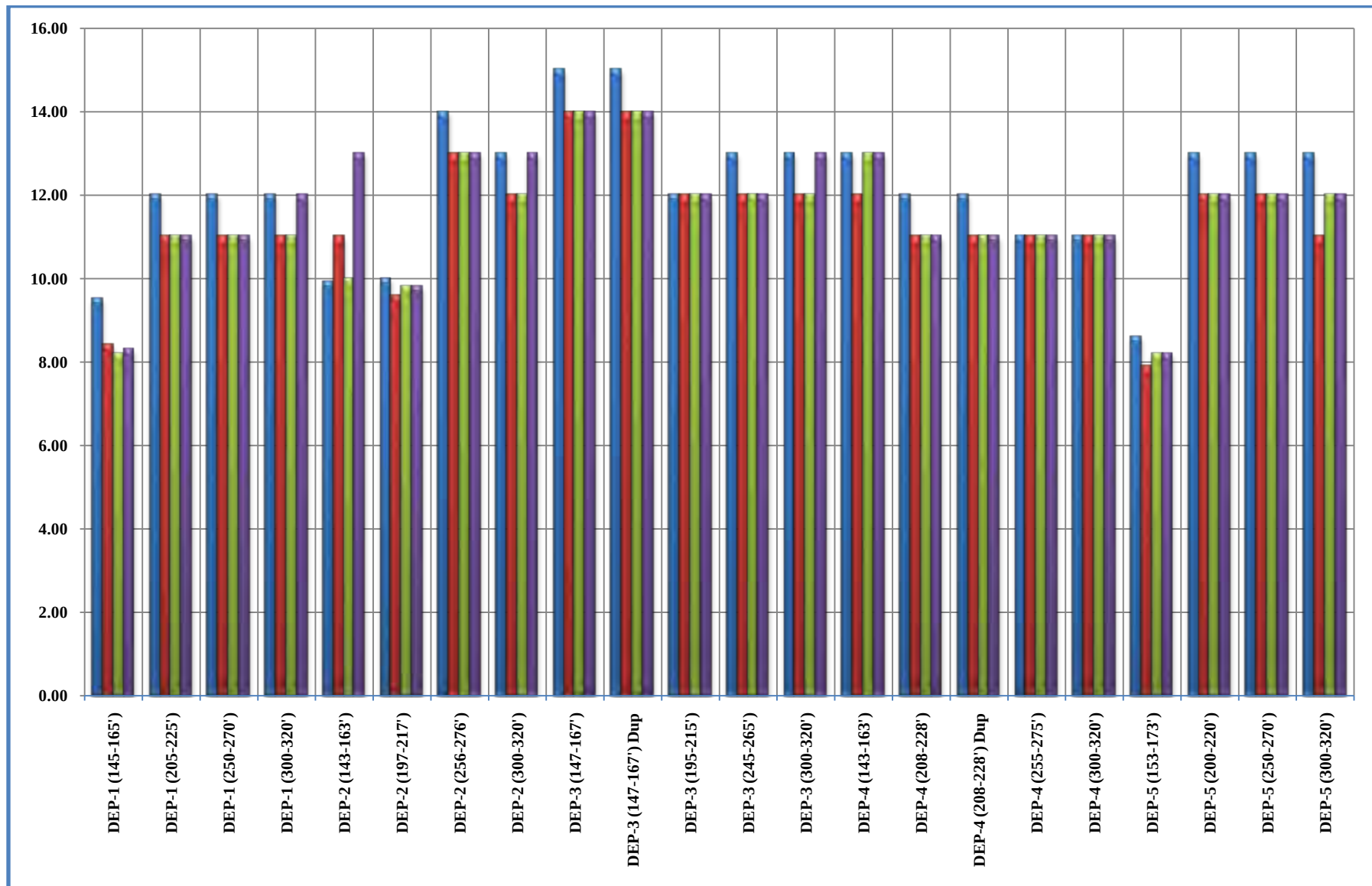


Chart I: Monitor Well Chloride Analytical Results (mg Cl/L) (4 Sample Events)

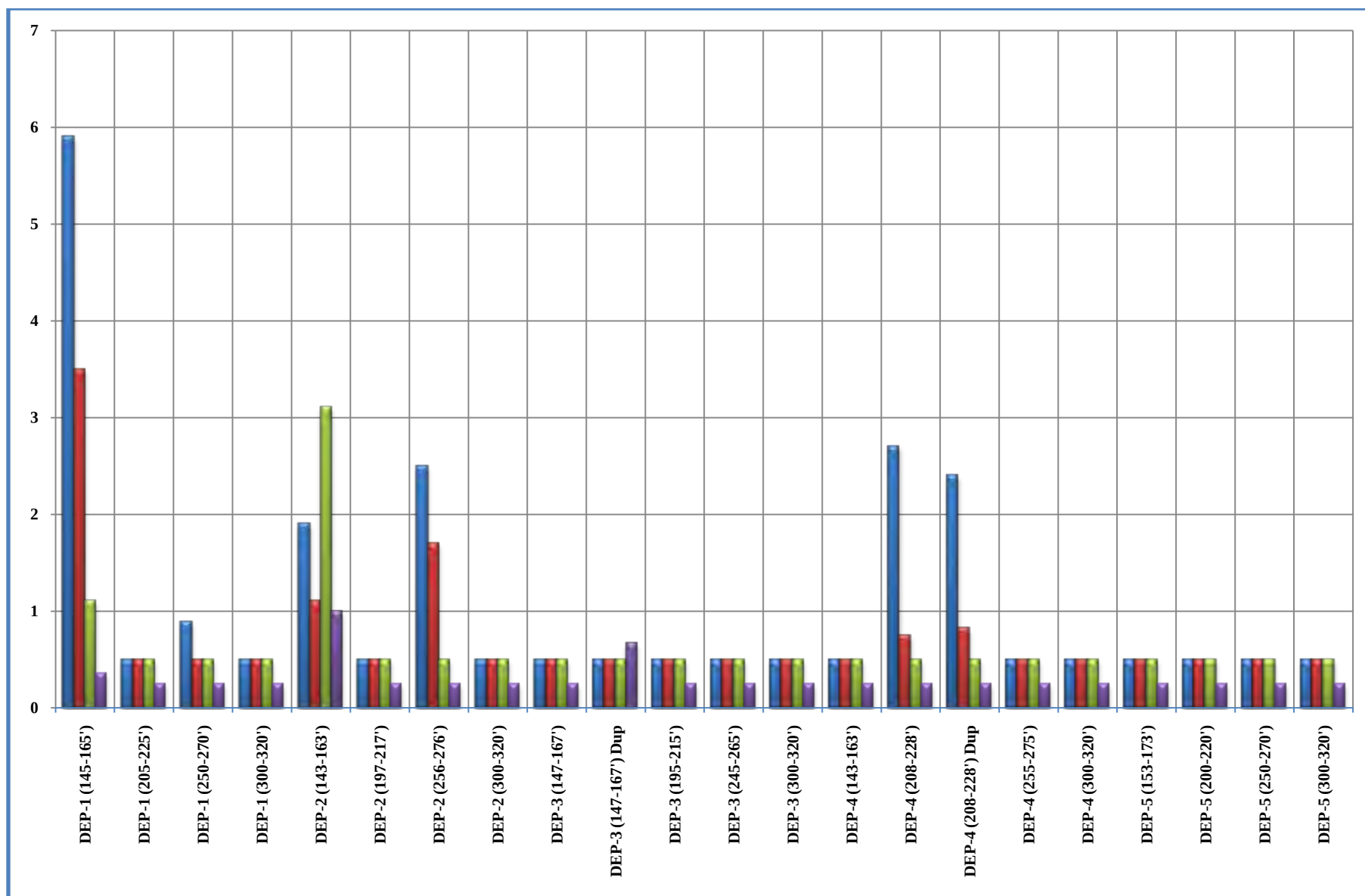


Chart J: Monitor Well Antimony Analytical Results (ug/L) (4 Sample Events)

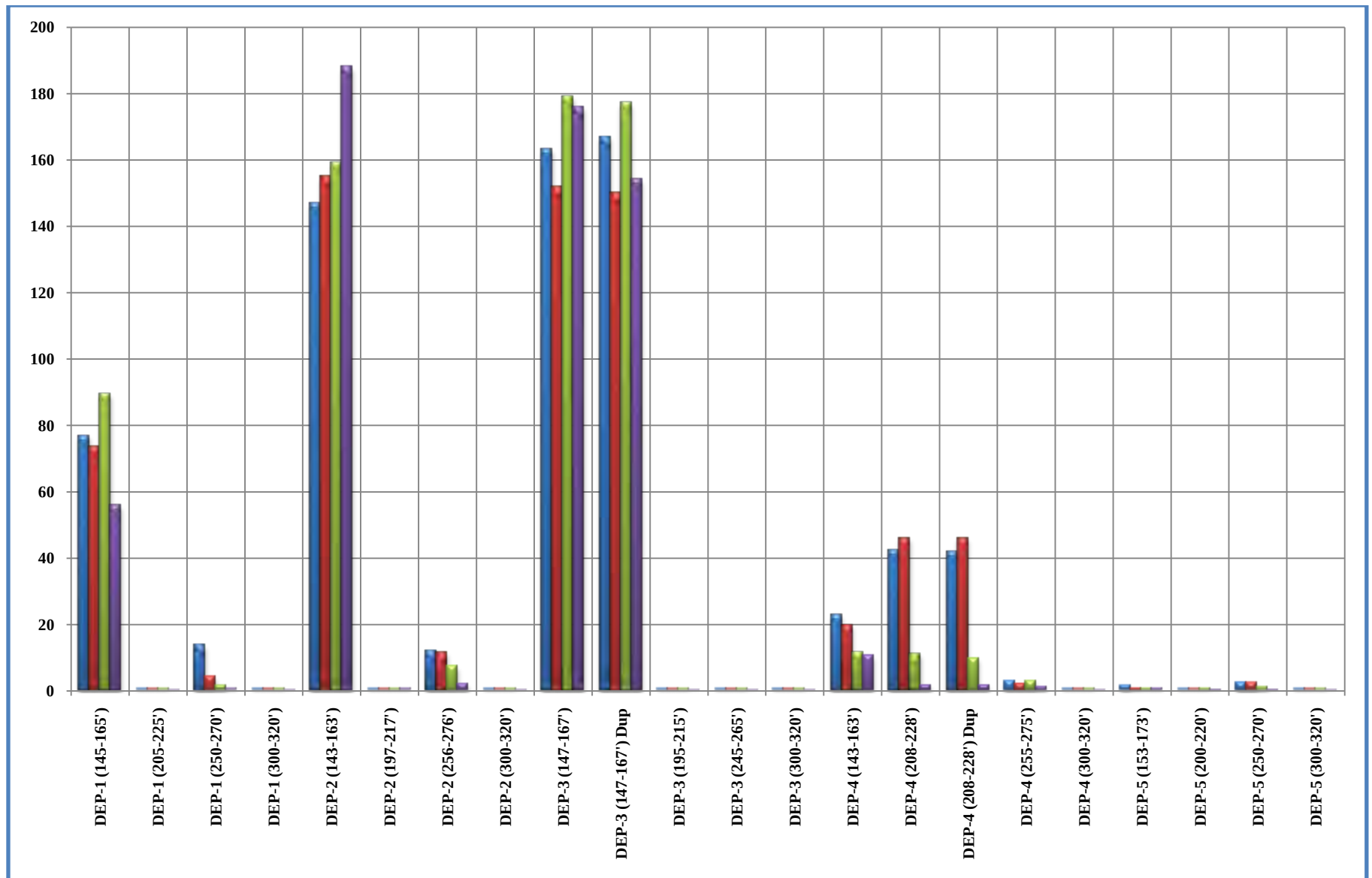


Chart K: Monitor Well Arsenic Analytical Results (ug/L) (4 Sample Events)

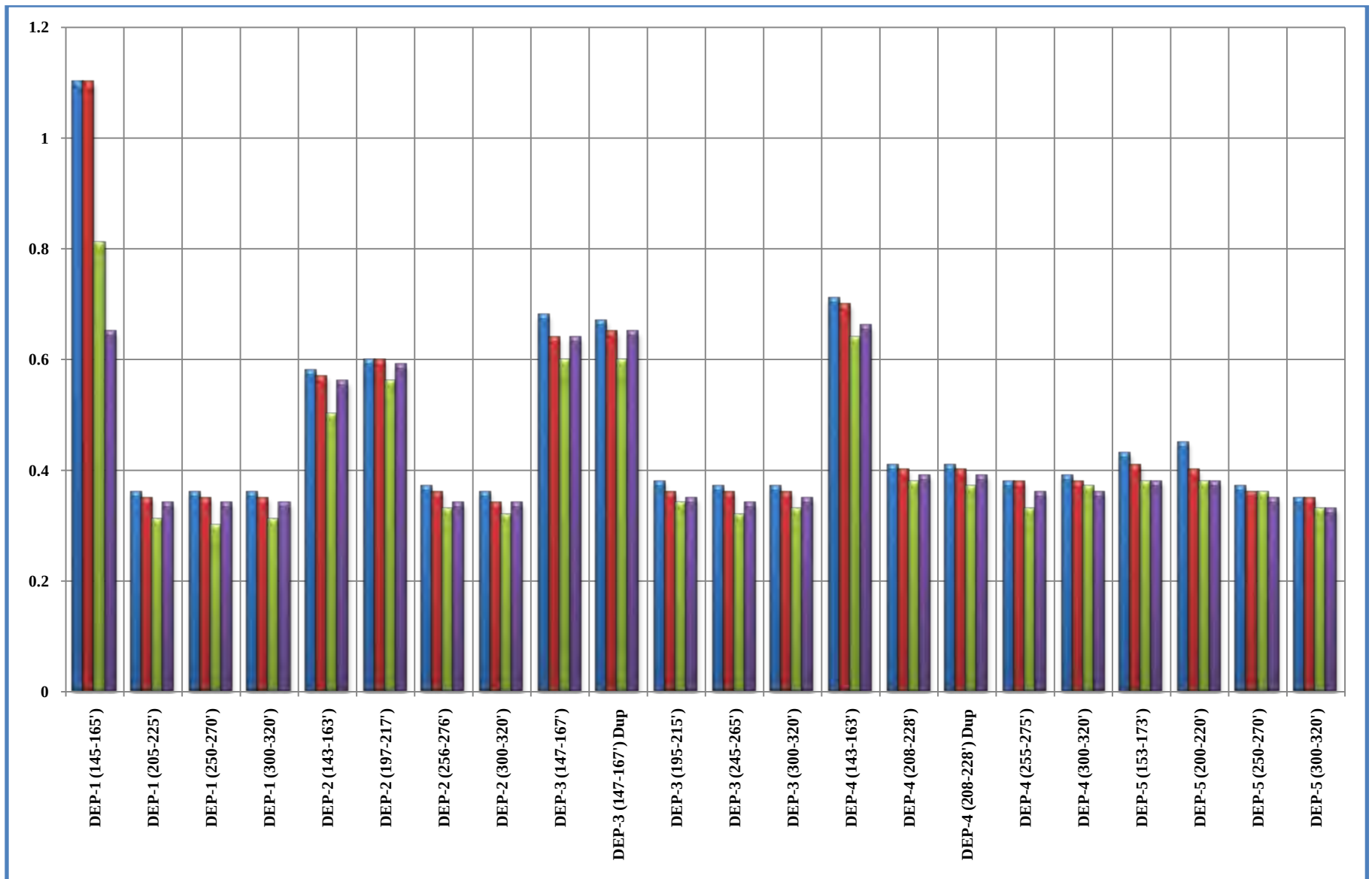


Chart L: Monitor Well Fluoride Analytical Results (mg F/L) (4 Sample Events)

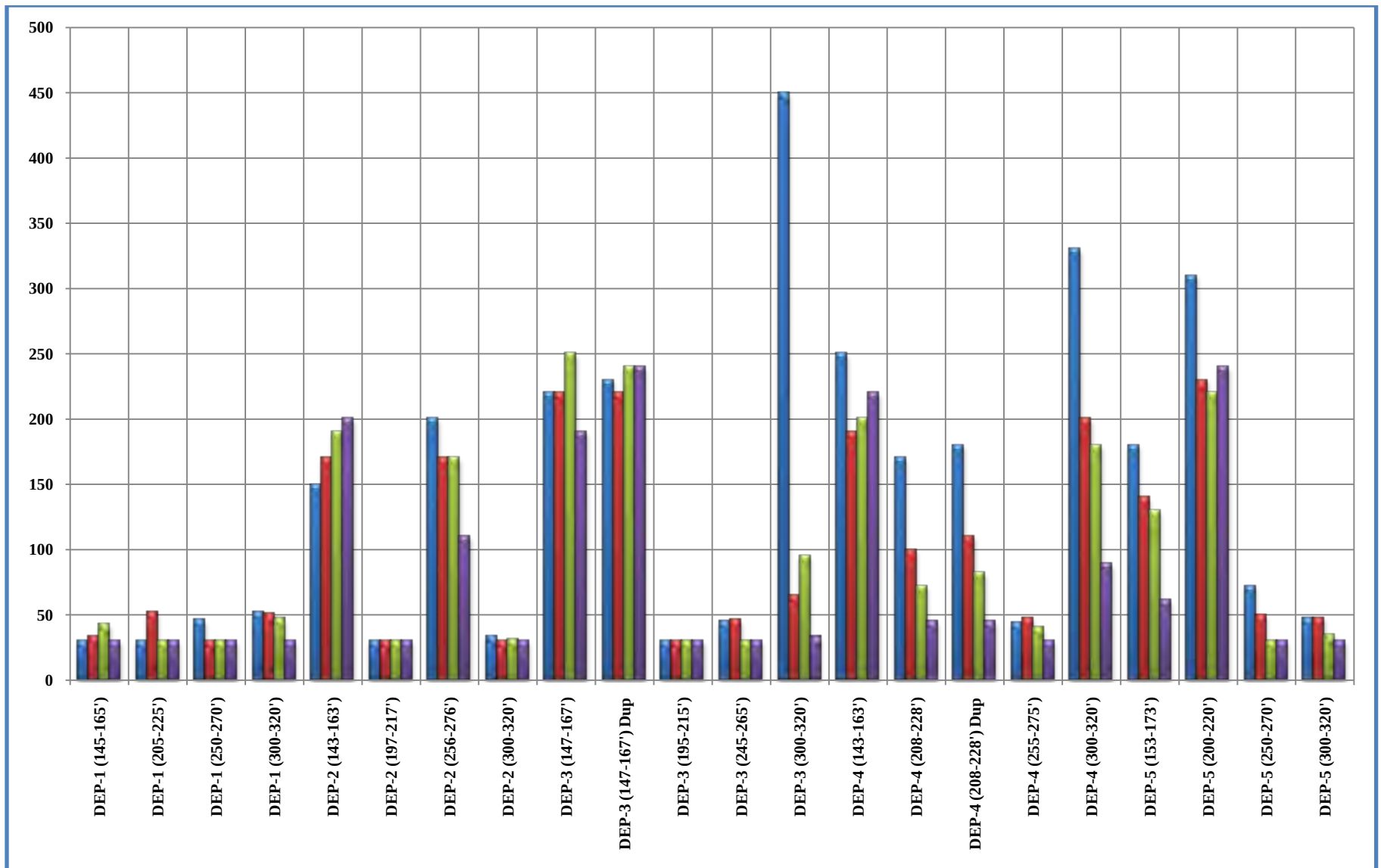


Chart M: Monitor Well Iron Analytical Results (ug/L) (4 Sample Events)

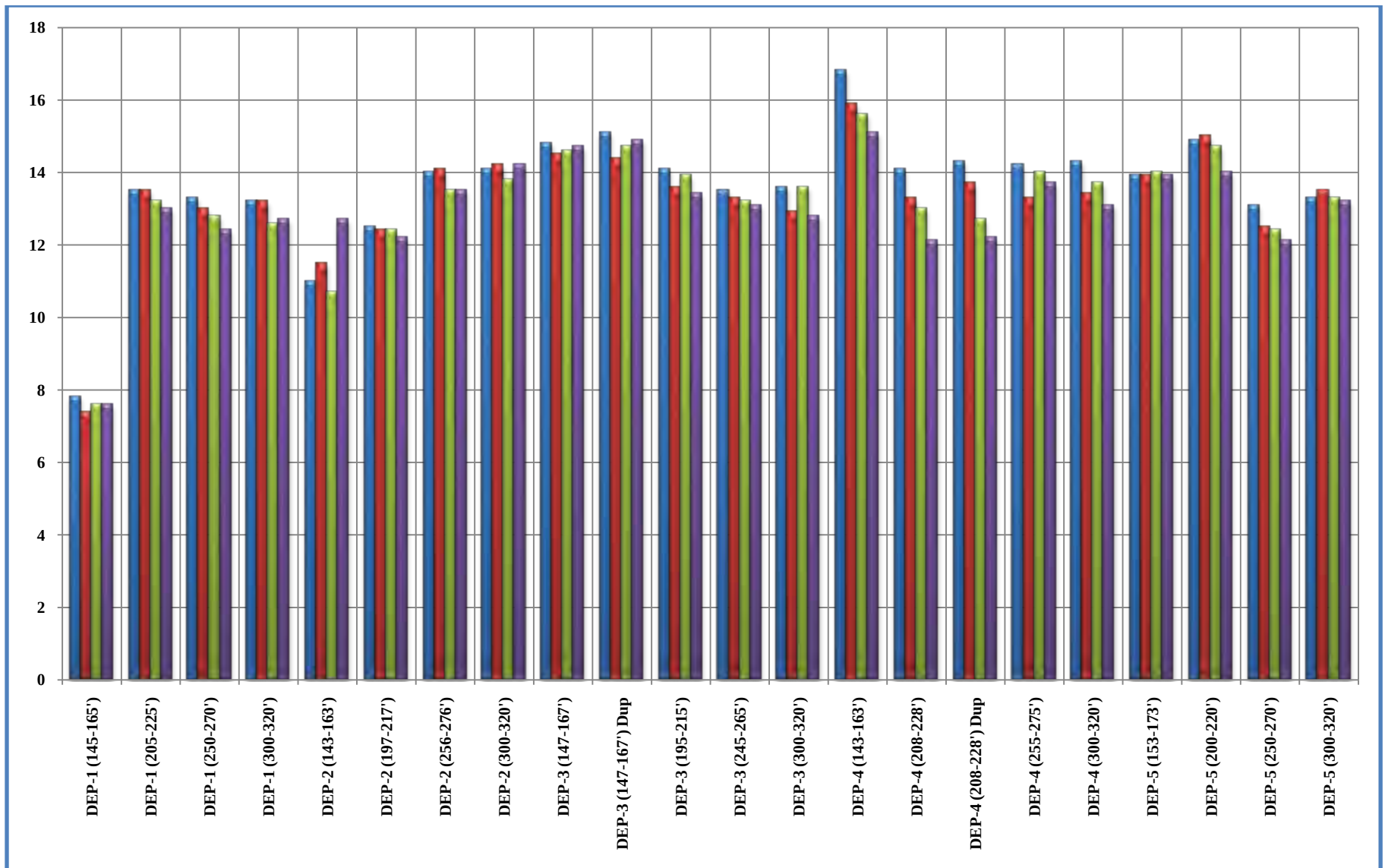


Chart N: Monitor Well Magnesium Analytical Results (ug/L) (4 Sample Events)

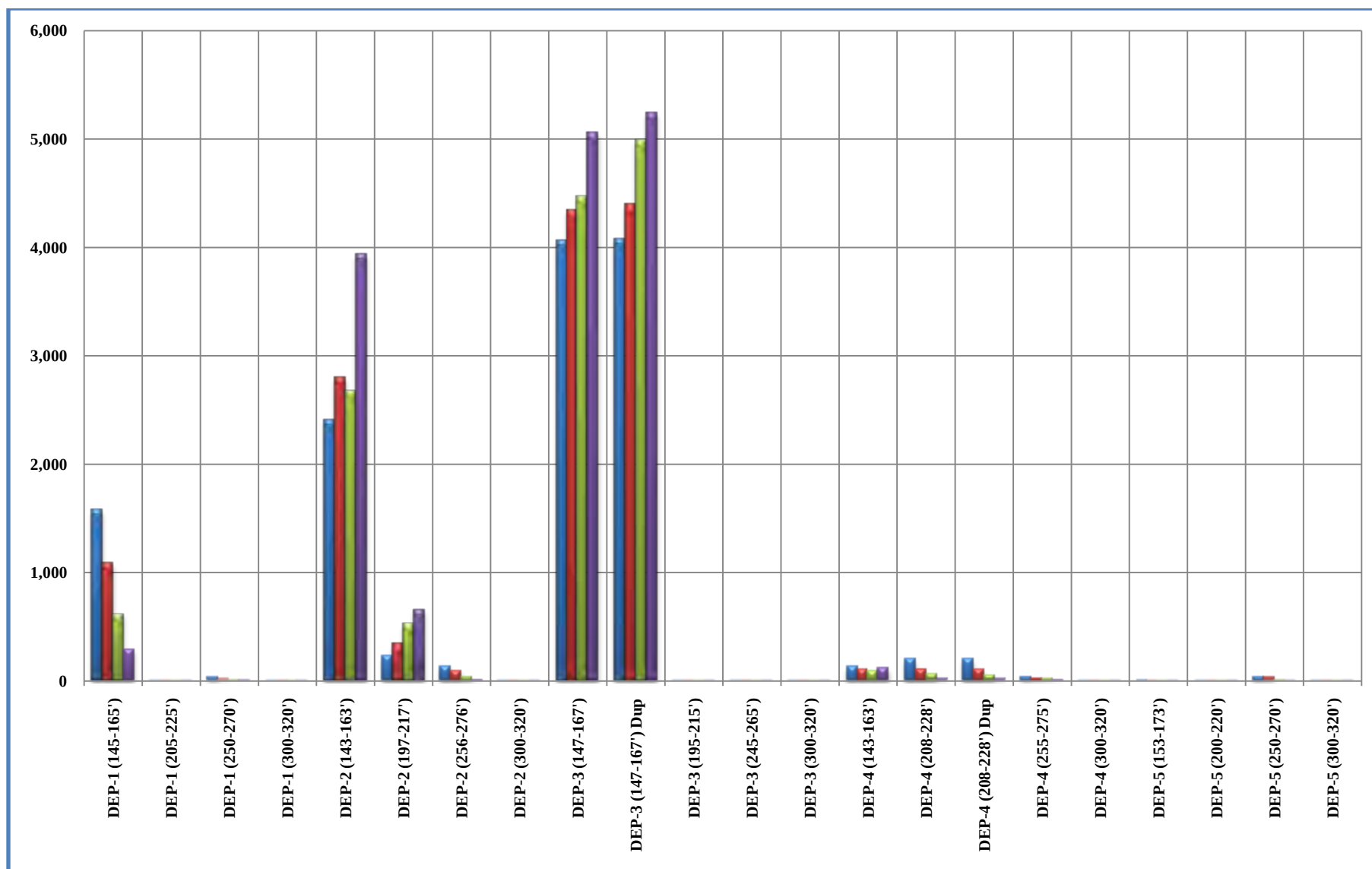


Chart O: Monitor Well Molybdenum Analytical Results (ug/L) (4 Sample Events)

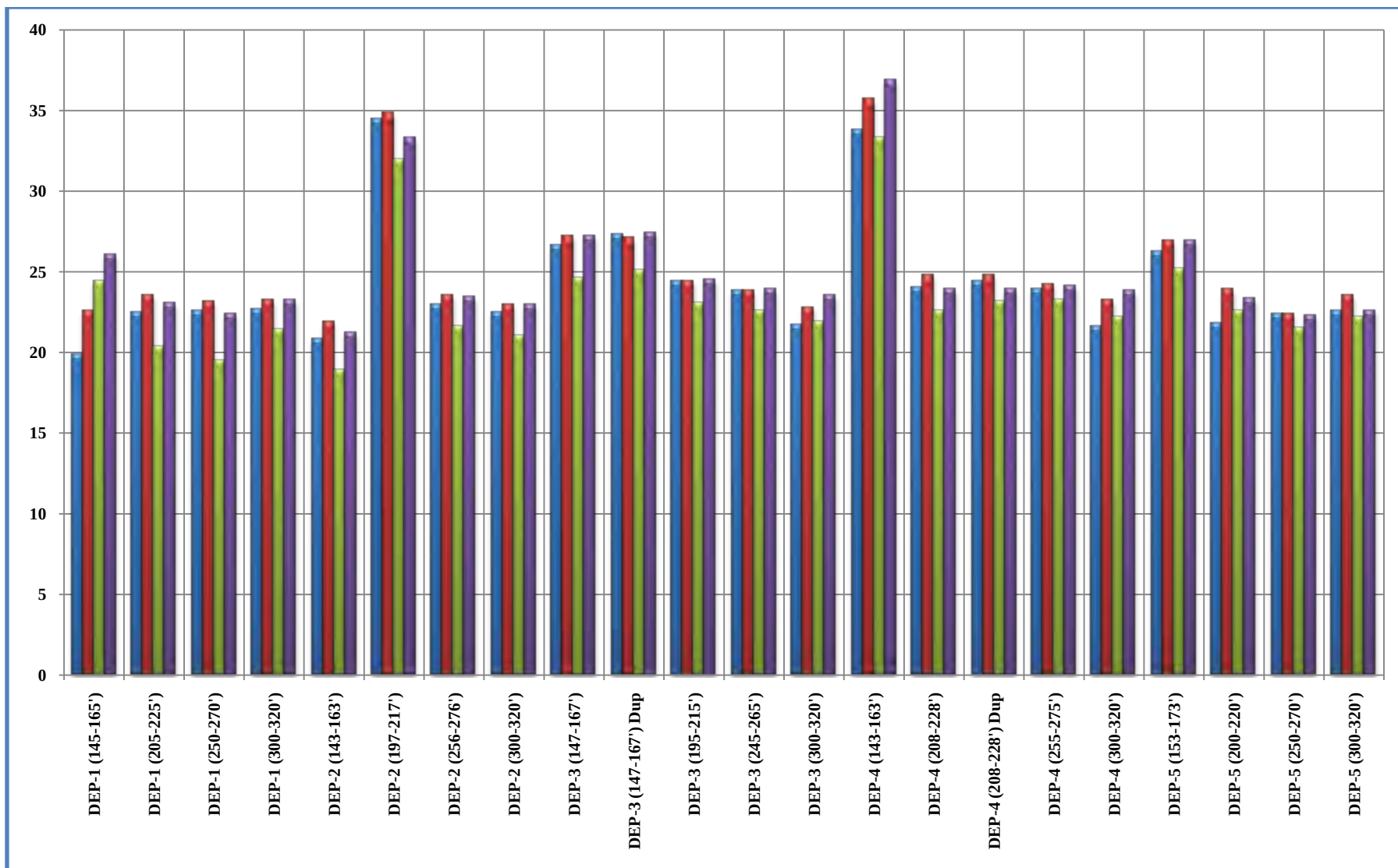


Chart P: Monitor Well Silica Analytical Results (mg/L) (4 Sample Events)

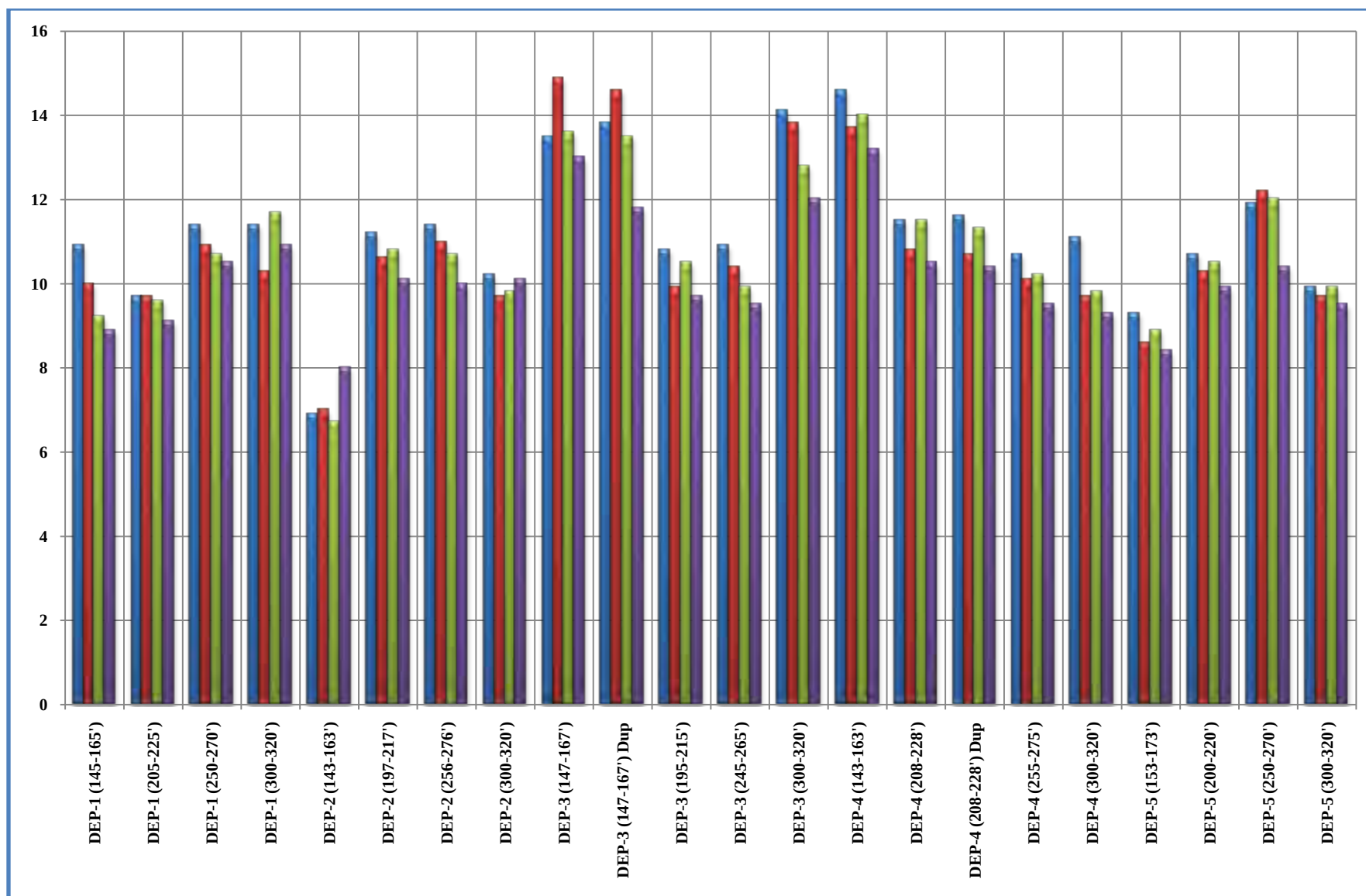


Chart Q: Monitor Well Sodium Analytical Results (mg/L) (4 Sample Events)

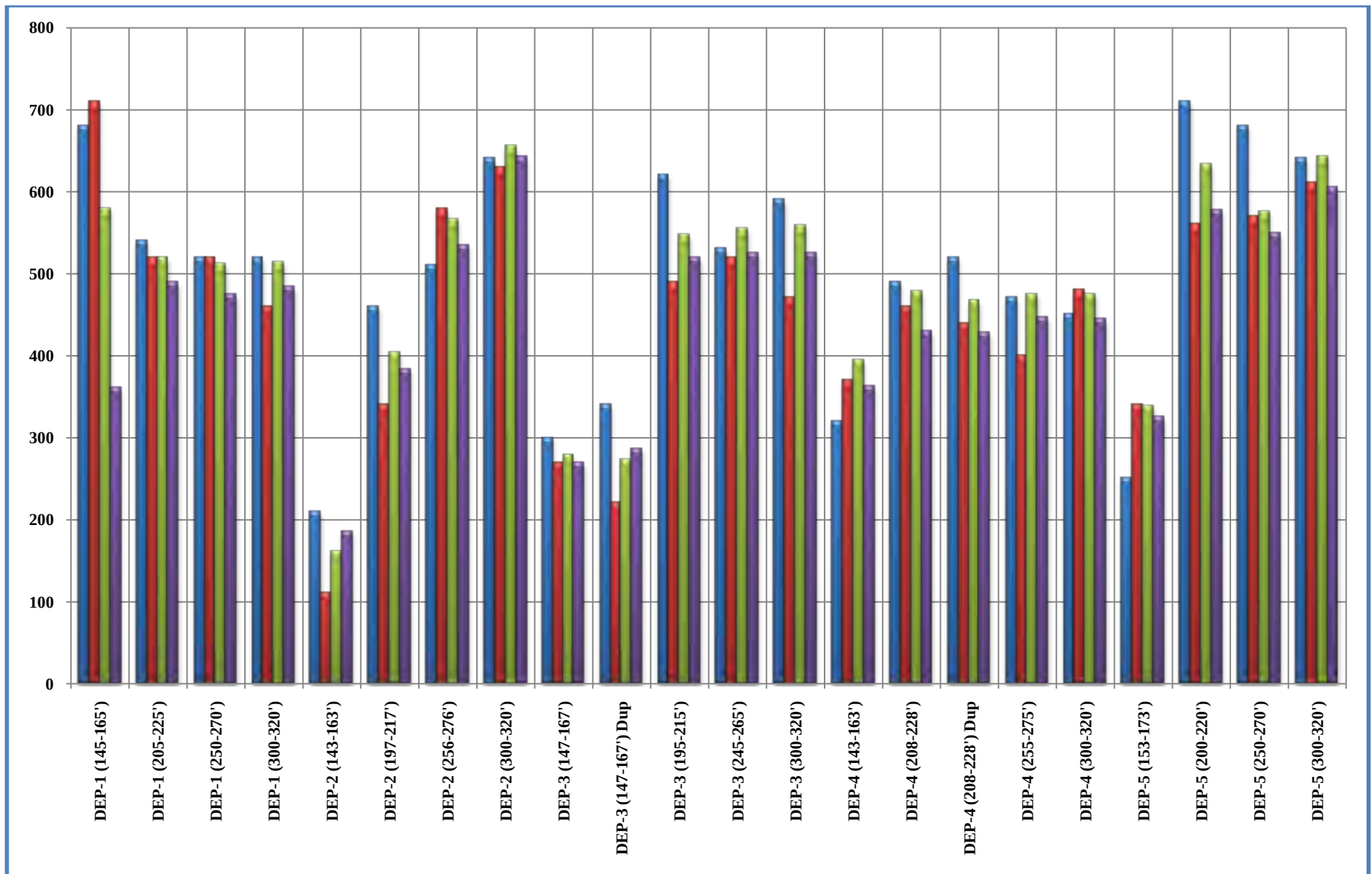
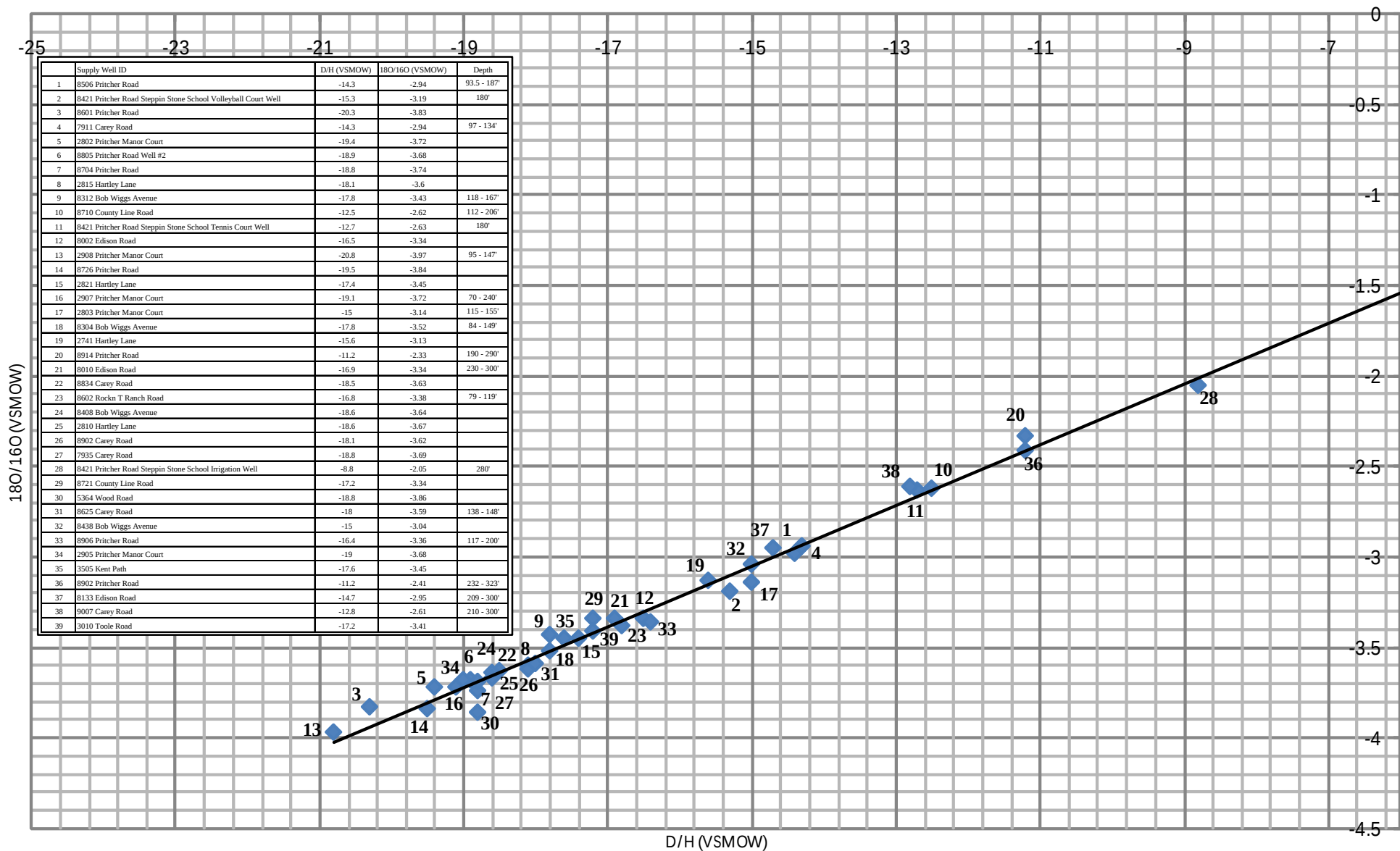


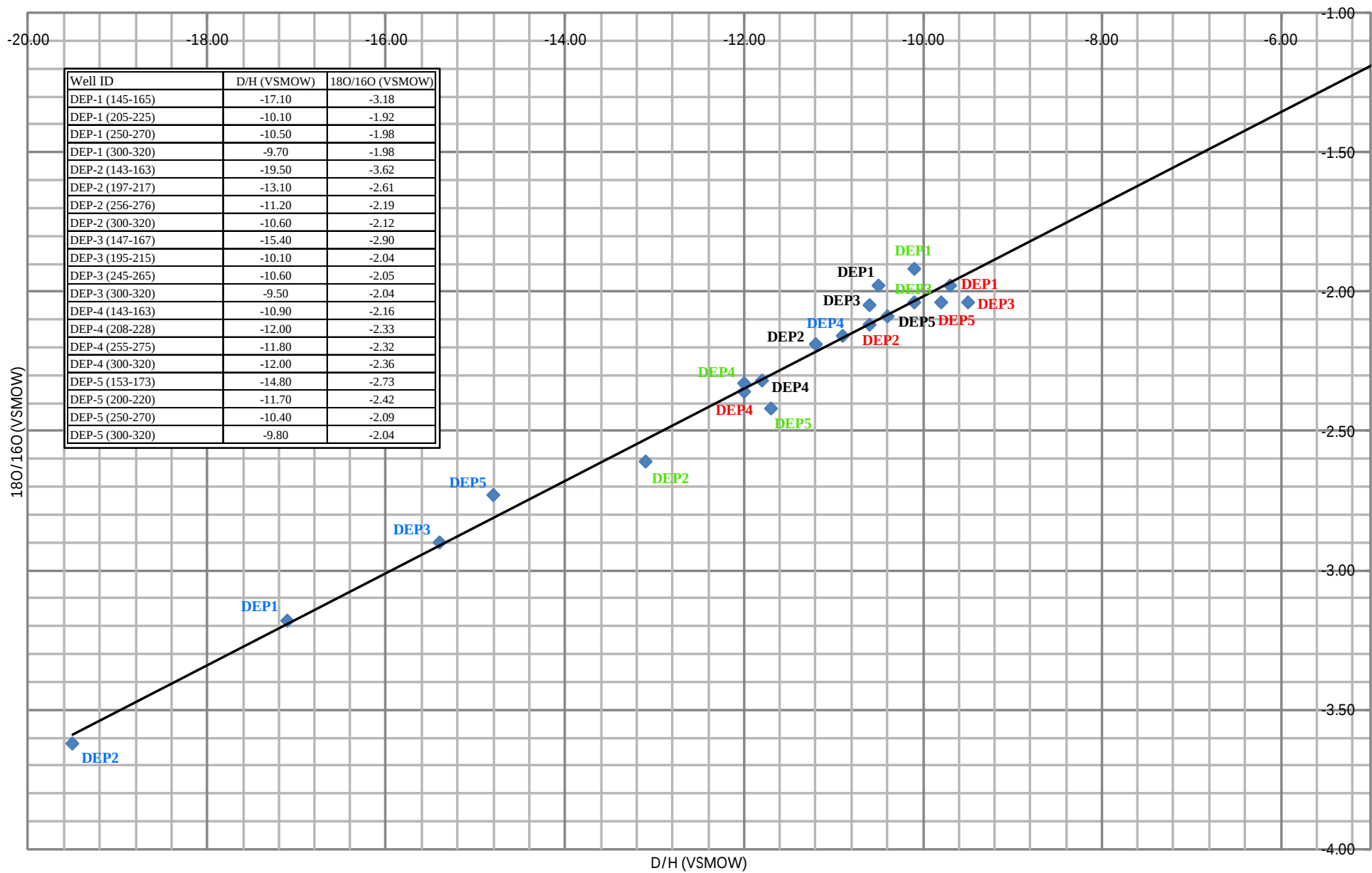
Chart R: Monitor Well Strontium Analytical Results (ug/L) (4 Sample Events)

Graphs



Graph 1
d18O and dD in Water Analyses
December 2007 Supply Well Sample Event
Pritchard Road Contaminated Ground Water Study
Lithia, Hillsborough County, Florida

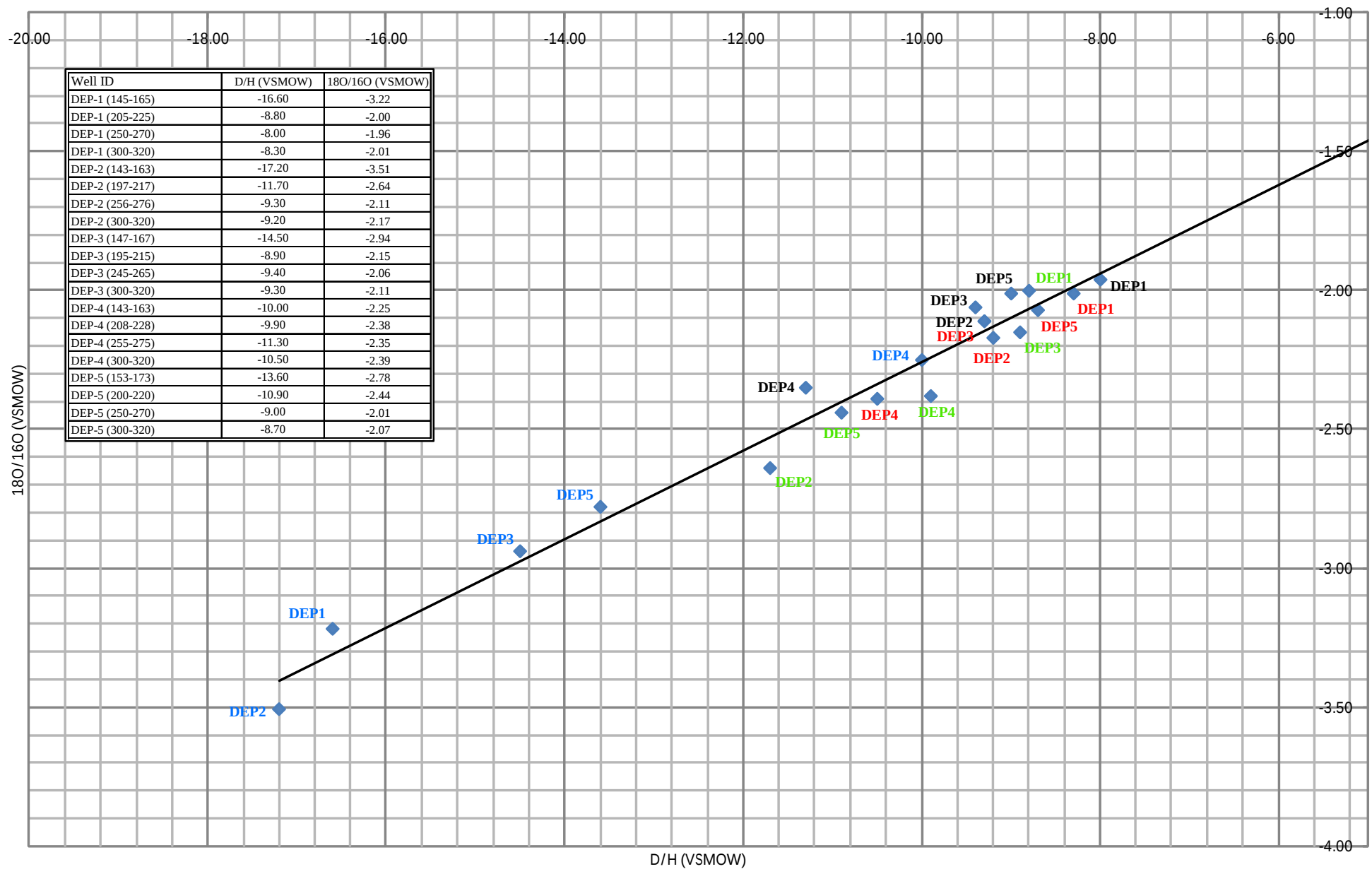




Graph 2
d18O and dD in Water Analyses
May 2008 Monitor Well Sample Event
Pritcher Road Contaminated Ground Water Study
Lithia, Hillsborough County, Florida

DEP ~ (143 - 173') BLS
 DEP ~ (195 - 228') BLS
 DEP ~ (245 - 276') BLS
 DEP ~ (300 - 320') BLS

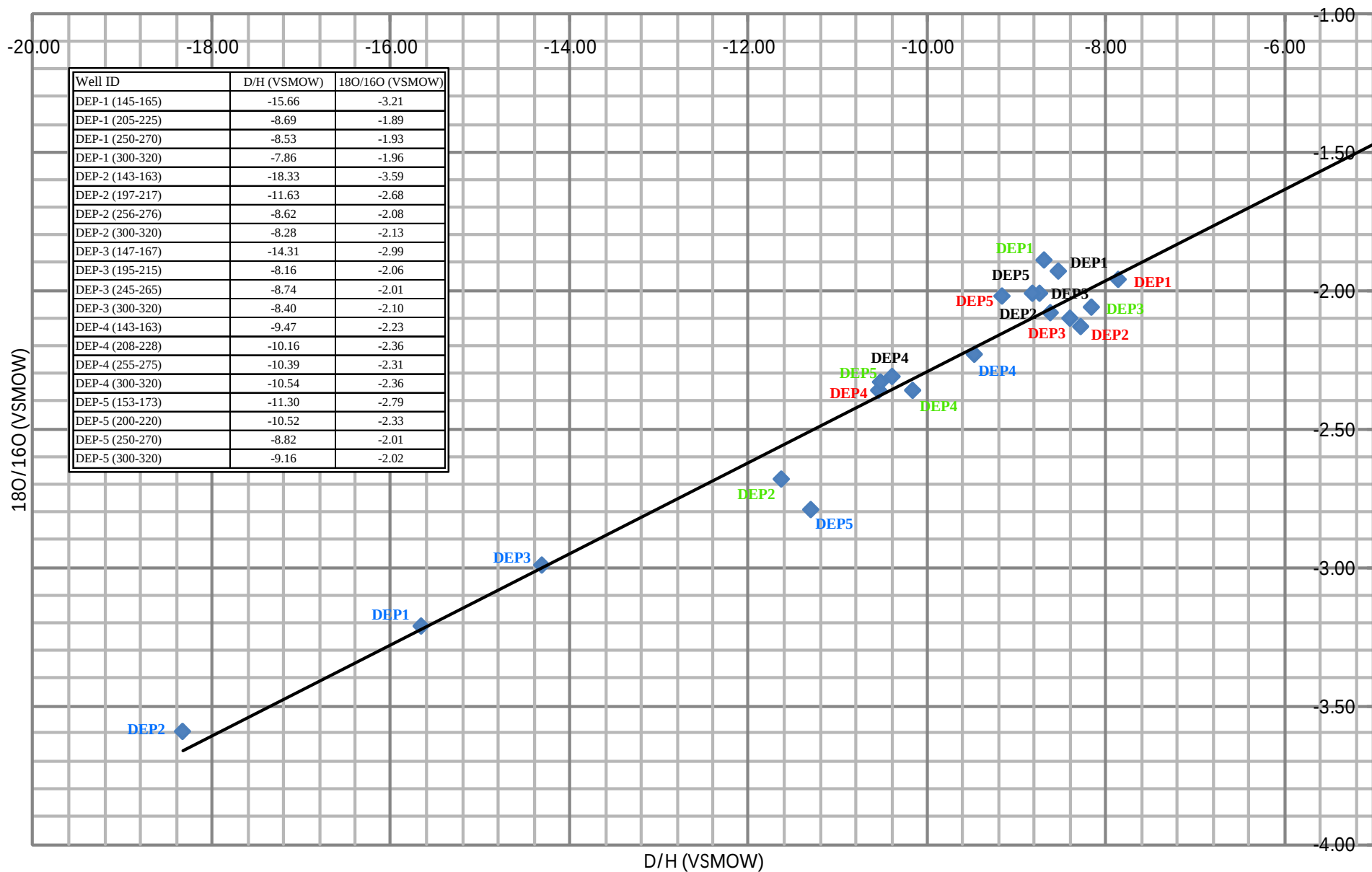




Graph 3
d18O and dD in Water Analyses
June 2008 Monitor Well Sample Event
Pritcher Road Contaminated Ground Water Study
Lithia, Hillsborough County, Florida

DEP ~ (143 - 173') BLS
DEP ~ (195 - 228') BLS
DEP ~ (245 - 276') BLS
DEP ~ (300 - 320') BLS

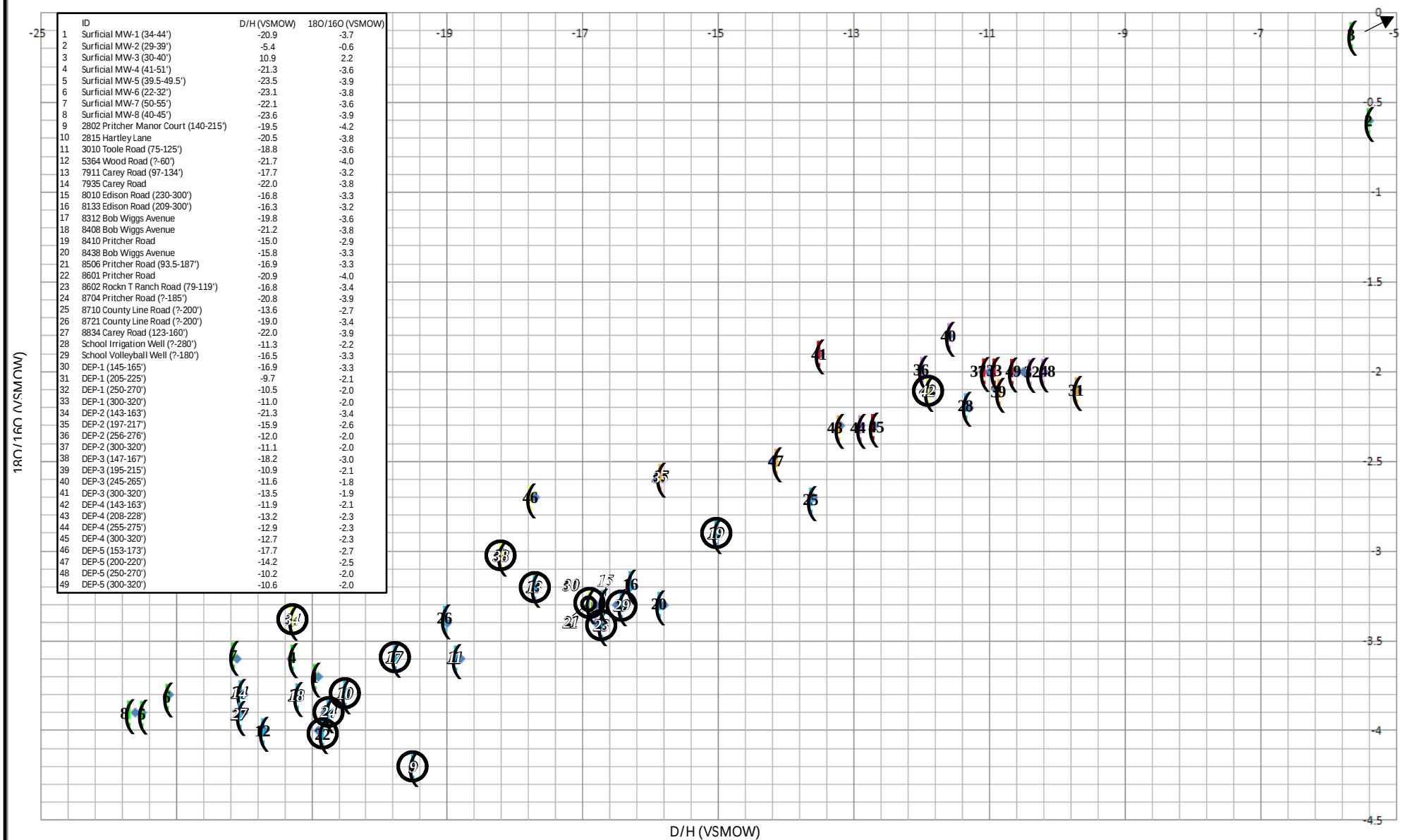




Graph 4
d18O and dD in Water Analyses
October 2008 Monitor Well Sample Event
Pritcher Road Contaminated Ground Water Study
Lithia, Hillsborough County, Florida

DEP ~ (143 - 173') BLS
 DEP ~ (195 - 228') BLS
 DEP ~ (245 - 276') BLS
 DEP ~ (300 - 320') BLS





Graph 5
d18O and dD in Water Analyses
April 2009 Supply and Monitor Well Sample Event
Pritcher Road Contaminated Ground Water Study
Lithia, Hillsborough County, Florida

- (Supply Well
- (Surfacial Aquifer Monitor Well (~22-55')
- (FDEP Monitor Well First Interval (~143-173)
- (FDEP Monitor Well Second Interval (~195-225')
- (FDEP Monitor Well Third Interval (245-276')
- (FDEP Monitor Well Fourth Interval (300-320')
- Well with an arsenic impact; Well IDs in white have elevated molybdenum

