

**REMEDIATION/REUSE PLANNING REPORT**

**TWO CITY BLOCKS, DOWNTOWN ORLANDO  
BETWEEN WEST CENTRAL BOULEVARD  
AND WEST CHURCH STREET AND SOUTH  
TERRY AVENUE AND SOUTH PARRAMORE AVENUE  
ORLANDO, ORANGE COUNTY**

**Prepared for:**



**The City of Orlando  
Economic Development Department  
400 S. Orange Avenue  
Orlando, Florida, 32802-4990  
EPA Brownfield Cooperative Agreement BF-95498212**

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## 1.0 SUMMARY

Environmental Consulting & Technology, Inc. (ECT) has completed this Remediation/Reuse Planning Study for the two City blocks in downtown Orlando between West Central Boulevard and West Church Street, and South Terry Avenue and South Parramore Avenue (Site). This area is the proposed location for the new Orlando Lions major league soccer stadium.

The subject property consists of two city blocks totaling approximately 7.6 acres in Orlando, Orange County, Florida. The site consists of 20 land parcels (Site) bound to the north by West Central Boulevard (W. Central Boulevard); to the east by South Terry Avenue (S. Terry Avenue); to the south by West Church Street (W. Church Street); and to the west by South Parramore Avenue (S. Parramore Avenue). West Pine Street (W. Pine Street) separates the northern block from the southern block of the subject property.

Based on information obtained from PSI's September 2013 Phase I ESA Report, from circa 1908 through 2013, the Site was occupied by residential land and commercial facilities, including but not limited to: turbine engine repair, automotive repair, a junk yard, an insecticide company identified as Ehhare & Co., battery and radiator repair, used car sales, scrap metal and metal shop, iron works, and a gasoline station. The Site remained as commercially developed land until approximately 2006, when the on-site commercial structures began to be demolished. By 2013, the commercial structures, with the exception of the two warehouses and a church, were removed from the Site.

The objective of this Remediation/Reuse Planning Study was to determine if soil and groundwater impacts associated with the recognized environmental conditions (RECs) investigated during the Phase II environmental site assessment (ESA) investigations performed by Professional Services Industries, Inc. (PSI) & ECT were present at the perimeter of the Site, and if present, if these impacts could pose an unacceptable risk to human health and the environment within the Parramore community.

This report discusses the Phase II ESA activities completed along the perimeter of the Site, and the results of these activities.

## 2.0 INTRODUCTION

ECT has conducted a Remediation/Reuse Planning Study for the Site located in downtown Orlando between West Central Boulevard and West Church Street, and South Terry Avenue and South Parramore Avenue. This Site is the proposed location for the new Orlando Lions major league soccer stadium.

The Site does not possess one distinct physical address, but is comprised of 20 individual land parcels totally approximately 7.6 acres within Section 26, Township 22 South, Range 29 East as referenced on the United States Geological Survey (USGS) "Orlando West, FLA" topographic map. A copy of the USGS topographic map has been provided as Figure 1.

The objective of this Remediation/Reuse Planning Study was to determine if soil and groundwater impacts associated with the RECs identified during the Phase II ESA investigations performed by PSI & ECT were present at the perimeter of the Site, and if present, if these impacts could pose an unacceptable risk to human health and the environment within the Parramore community.

Based on the available historic information regarding the Site and PSI's proposals to the City of Orlando, ECT has performed the scope of services discussed in the following Sections of this report. Field activities were conducted under modified safety level D personal protective equipment (PPE) by environmental personnel trained in OSHA 1910.120.

## **2.1 Detailed Scope of Services**

The Remediation/Reuse Planning Study conducted by ECT included, but was not limited to, the following services:

- Assisting PSI with field activities;
- Coordination and scheduling of drilling activities;
- Coordination and scheduling of investigative derived waste (IDW) removal and disposal;
- Preparation of a written report documenting our activities and recommendations.

## **2.2 Limitations and Exceptions**

The opinions presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared, and for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to the Site conditions existing at the time when the field activities were performed. Conditions in other parts of the Site may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. ECT does not provide any guarantees, certifications, or warranties

that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

### 2.3 User Reliance

This Remediation/Reuse Planning Report was prepared for the use and reliance of the City of Orlando. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

### 3.0 SITE DESCRIPTION

This section presents a general overview of the Site, onsite improvements, and surrounding properties.

#### 3.1 Site Description and Features

The Site does not possess one distinct physical address, but is comprised of 20 individual land parcels totally approximately 7.6 acres and is bound to the north by W. Central Boulevard; to the east by S. Terry Avenue; to the south by W. Church Street; and to the west by S. Parramore Avenue. W. Pine Street separates the northern block from the southern block of the subject property.

The Site was commercially developed land until approximately 2006, when the on-site commercial structures began to be demolished. By 2013, the commercial structures, with the exception of the two warehouses and a church, were removed from the site.

#### 3.2 Physical Setting

The Site consists of 20 parcels of property. The Orange County Property Appraiser's Office information identifies the Site under the following parcel identification numbers, address, names, and legal descriptions:

Parcel ID No.	Address	Owner	Acres
26-22-29-6736-00-010	631 W. Church Street	City of Orlando	1.67
26-22-29-2220-00-190	625 W. Church Street	Faith Deliverance Chapel	0.44
26-22-29-2220-00-180	620 W. Pine Street	City of Orlando	0.22

Parcel ID No.	Address	Owner	Acres
26-22-29-2220-0-250	619 W. Church Street	City of Orlando	0.22
26-22-29-2220-00-170	611 W. Church Street	City of Orlando	0.62
26-22-29-2220-00-160	608 W. Pine Street	City of Orlando	0.21
26-22-29-2220-00-280	607 W. Church Street	City of Orlando	0.21
26-22-29-2220-00-150	604 W. Pine Street	City of Orlando	0.21
26-22-29-7908-00-031	23 S. Parramore Avenue	City of Orlando	0.10
26-22-29-7908-00-401	15 S. Parramore Avenue	City of Orlando	0.29
26-22-29-2220-00-080	635 W. Pine Street	City of Orlando	0.21
26-22-29-2220-00-090	629 W. Pine Street	City of Orlando	0.20
26-22-29-2220-00-100	625 W. Pine Street	City of Orlando	0.41
26-22-29-1138-00-010	22 S. Terry Avenue	City of Orlando	1.24
26-22-29-2220-00-041	618 W. Central Boulevard	City of Orlando	0.28
26-22-29-2220-00-051	624 W. Central Boulevard	City of Orlando	0.14
26-22-29-2220-00-060	630 W. Central Boulevard	City of Orlando	0.42
26-22-29-7908-00-020	638 W. Central Boulevard	City of Orlando	0.17
26-22-29-7908-00-011	646 W. Central Boulevard	City of Orlando	0.23
26-22-29-7908-00-012	11 S. Parramore Avenue	City of Orlando	0.07

### 3.3 Site History and Land Use

Site history and land use was reported in the Phase I ESA prepared by PSI in September 2013 and restated below:

- Based on review of historical information, commercial development became apparent in the southeastern portion of the subject property and expanded throughout the

northern and southern portions of the subject property through the 1950s, when the majority of the subject property was commercially developed. From circa 1908 through 2013, the subject property was occupied by facilities including (but not limited to): turbine engine repair, automotive repair, a junk yard, an insecticide company, spray painting, transformer repair, battery and radiator repair, used car sales, scrap metal and metal shop, iron works, and a gasoline station. The presence of these former on-site facilities is considered to be evidence of RECs in connection with the subject property.

- Based on review of the historical Sanborn maps, three gasoline tanks were identified at 630 W. Central Boulevard located in the approximate north-central portion of the northern block of the subject property from between 1925 and 1973. One gasoline tank associated with an auto repair facility was identified in the approximate northeastern portion of the southern block of the subject property at 616 W. Pine Street in 1973. There was no indication that soil and/or groundwater assessment activities have been performed on-site in the vicinity of these former gasoline tanks. As such, they are considered to be evidence of a REC in connection with the subject property.

- Soil and groundwater assessment activities, including source removal activities, have been performed at 625 W. Pine Street and 600 W. Central Boulevard (former MagneTek National Electric Coil, Inc.) between 1988 and 2012. Historic site occupants identified at 625 W. Pine Street include Electric Construction Co. (1963-1976), McGraw-Edison, Service Group National, Electric Coil, Electric Motors, and Electric Coil Pumps (1984), National Electric Coil (1989-1993), and Eastern Electric Apparatus Repair (1998). Historic site occupants identified at 600 W. Central Boulevard include Orlando Armature Works, Inc. (1951-1976) and National Electric Coil (1979-1989). These two properties were purchased by MagneTek, Inc. in the mid 1980s, which operated on-site through the mid to late 1990s when the property was sold to Eastern Electric. Groundwater assessment performed by ep3, Inc. (ep3) in November 2010 identified various test parameters in groundwater samples at concentrations above their respective Chapter 62-777, Florida Administrative Code (FAC) Groundwater Cleanup Target Levels (GCTLs) and/or Natural Attenuation Default Concentrations (NADCs). In March 2012, ep3 performed soil and groundwater assessment activities at the site in order to verify that the impacted soils had been removed from site and to verify the groundwater plume was still contained within the site boundaries. ep3 reported that laboratory analytical results for soil and groundwater samples collected in March 2012 did not indicate the presence of test parameters at concentrations above their respective soil or groundwater cleanup criteria. As such, the installation of permanent monitoring wells and one year of groundwater monitoring was recommended in order to obtain a conditional Site Rehabilitation Completion Order (SRCO), with a deed restriction. In March 2013, the Florida Department of Environmental Protection (FDEP) requested cumulative figures that summarized the former site layout, monitoring well locations, groundwater and soil sampling locations, and excavation area(s), and cumulative soil and groundwater tables that summarized the previous site assessment activities that have been performed on-site. Groundwater elevation tables and contours maps for the November 2010 and March 2012 groundwater assessment activities were also requested prior to the FDEP granting the recommended one-year of groundwater monitoring and the issuance of a conditional SRCO. In July 2013, cumulative figures and

tables were provided to the FDEP. In October 2013, the FDEP issued a comment letter regarding the cumulative figures and soil and groundwater tables submitted and requested additional soil and groundwater assessment activities be performed in order to better evaluate regulatory closure options for this portion of the subject property. The documented soil and groundwater impacts at this property are evidence of a REC in connection with the subject property.

- Three former on-site facilities identified as Electric Motor Repair (15 S. Parramore Avenue), Merke Auto Parts (628 W. Central Boulevard), and Webbs Garage (666 W. Central Boulevard) have had documented environmental regulatory violations associated with their daily operations. Poor housekeeping practices including improper storage and disposal of petroleum- and solvent-related products, and documented stained areas at the former Merke Auto Parts and Webbs Garage were reported by the Orange County Environmental Protection Division (OCEPD), which indicates that a potential for negative impact to have occurred to the soil and/or groundwater in these areas of the subject property exists. As such, the documented violations associated with these former facilities are considered to be evidence of RECs in connection with the subject property.

### **3.4 Adjacent Property Land Use**

The Site is located in a developed area of Orlando, the Parramore Heritage District. Vacant land and vacant buildings are located to the north, across W. Central Boulevard. Parking and an apartment complex (CityView) is to the east, across S. Terry Avenue. Various commercial properties are located to the south, across W. Church Street, and vacant land and Fire Station No. 2 is located to the west, across S. Parramore Avenue.

### **3.5 Summary of Previous Assessment**

A Phase I ESA was completed by PSI in September 2013. Several recognized environmental conditions (RECs) and properties of concern were identified, several of which are the focus of this Remediation/Reuse Planning Report.

## **4.0 WORK PERFORMED AND RATIONALE**

The remediation/reuse planning consisted of assisting PSI with assessment activities, along with disposal of investigative derived wastes (IDWs) generated through the drilling and groundwater sampling process. Specific areas of sample collection are described below and depicted on Figure 2.

- Area #1 – Former Merke’s Auto Repair and former auto repair/paint & body
- Area #2 – Former auto repair and three former gasoline tanks area
- Area #3 – Former National Electric Coil expanded workshop & iron works Area

- Area #4 – Former auto repair
- Area #5 – Former electric motor repair
- Area #6 – Former auto repair with one gasoline tank area
- Area #7 – Former auto repair
- Area #8 – Former auto repair
- Area #9 – Former Ehhare Insecticide Company and former auto repair
- Area #10 – Former auto wrecking co./Junkyard and radiator repair/battery service
- Area #11 – Off-site RECs
- Area #12 – Former gasoline service station with gasoline tanks
- Area #13 – Former auto repair

#### **4.1 Scope of Remediation/Reuse Planning**

The scope of the remediation/reuse planning included assisting PSI with soil boring and monitoring well installation, disposal of investigative derived wastes (IDWs), and the preparation of this report.

#### **4.2 Exploration and Sampling**

##### Area #1 – Former Merke’s Auto Repair and Former Auto Repair/Paint & Body

In order to determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 13 soil borings (M-1 through M-13) in the vicinity of historic on-site buildings. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples M-2@1’, M-4@1’, MW-6@1’, M-10@2’, and M-11@1’ for laboratory analysis.

##### Area #2 – Former Auto Repair and Three Former Gasoline Tanks

In order to determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 10 soil borings (C-1 through C-10) in the vicinity of historic on-site buildings and former gasoline tanks. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples C-1@1’, C-1@5’, C-5@2’, C-9@1’ for laboratory analysis.

##### Area #3 – Former National Electric Coil Expanded Workshop & Iron Works

In order to determine if soil impacts were present within this assessment area, PSI and ECT personnel performed six soil borings (I-1 through I-6) in the vicinity of the historic

on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples I-1@1' and I-6@1' for laboratory analysis.

#### Area #4 – Former Auto Repair

In order to determine if soil impacts were present within this assessment area, PSI and ECT personnel performed six soil borings (A-1 through A-6) in the vicinity of the historic on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples A-2@1' and A-5@1' for laboratory analysis.

#### Area #5 – Former Electric Motor Repair

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed eight soil borings (B-1 through B-8) in the vicinity of the historic on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples B3@1', B-6@1', and B-8@1' for laboratory analysis.

#### Area #6 – Former Auto Repair with One Gasoline Tank

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed eight soil borings (D-1 through D-8) in the vicinity of historic on-site buildings and former gasoline tank. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples D-1@2' and D-6@5' for laboratory analysis.

#### Area #7 – Former Auto Repair

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed five soil borings (E-1 through E-5) in the vicinity of the historic on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples E-1@1' and E-5@1' for laboratory analysis.

#### Area #8 – Former Auto Repair

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed eight soil borings (F-1 through F-8) in the vicinity of the historic on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples F-5@7' and F-6@1' for laboratory analysis.

#### Area #9 – Former Insecticide Company and Former Auto Repair

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 11 soil borings (G-1 through G-11) in the vicinity of the historic on-site buildings and potential pesticide application areas. Based on OVA-FID/PID responses

and field observations, PSI and ECT collected soil samples G-3@1', G-5@9', G-6@1', and G-8@1' for laboratory analysis.

#### Area #10 – Former Auto Wrecking Co./Junkyard and Radiator Repair/Battery Service

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 10 soil borings (H-1 through H-10) in the vicinity of the historic on-site buildings and junkyard storage areas. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples H-1@1', H-4@3', H-6@1', and H-9@5' for laboratory analysis.

#### Area #11 – Off-Site RECs

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 10 soil borings (J-1 through J-10) along the southern boundary of the subject area to assess the off-site RECs identified in PSI's Phase I ESA. Borings were performed along the property boundary as close as practical to the off-site RECs and/or in a downgradient position. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples J-1@1' and J-3@3' for laboratory analysis to further assess potential runoff from the Area #10 property.

#### Area #12 – Former Gasoline Service Station with Gasoline Tanks

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed 10 soil borings (K-1 through K-10) in the vicinity of historic on-site buildings and former gasoline tanks. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples K-3@1' and K-9@7' for laboratory analysis.

#### Area #13 – Former Auto Repair

To determine if soil impacts were present within this assessment area, PSI and ECT personnel performed six soil borings (L-1 through L-6) in the vicinity of the historic on-site building. Based on OVA-FID/PID responses and field observations, PSI and ECT collected soil samples L-2@1' and L-5@1' for laboratory analysis.

#### Area #14 – Former Auto Repair (Faith Deliverance Temple)

As of the date of this report, this property has not been procured by the City of Orlando and authorization to perform assessment activities within the property has not been secured; therefore, no assessment activities have been performed in this area.

Copies of the field equipment calibration sheets and soil OVA sample data sheets are included in **Appendix A** and the well installation permits and completion reports are provided in **Appendix B**.

### **4.3 Investigative Derived Waste**

Investigative derived wastes (IDWs) were generated during the course of the field investigation and consisted of drill cuttings and development water. The IDW was containerized in forty 55-gallon drums (30 drums of drill cuttings and 10 drums of well development and pre-sample purging water). The drums of IDW were removed from the site by Clark Environmental, Inc. (Clark) on June 16, 2014. A copy of the non-hazardous waste manifest is provided in **Appendix C**.

## **5.0 PRESENTATION AND EVALUATION OF RESULTS**

### **5.1 Tables**

**Tables 1-4** present and summarize the laboratory analytical reports and field data obtained during the field activities.

### **5.2 Figures**

**Figures 3-10** depict the results of the soil and groundwater testing and field data obtained during the field activities.

### **5.3 Soil Quality**

Soil impacts associated with the RECs were identified during the field investigations performed by PSI & ECT. The soil impacts identified will be addressed through the redevelopment process by either engineering or institutional controls (EC/IC), excavation/removal, in-situ stabilization, or a combination of these remedial alternatives. Following implementation of these actions, the soil impacts identified on the perimeter of the Site would not be expected to pose an unacceptable risk to human health or the environment to the Parramore community.

### **5.4 Groundwater Quality**

Groundwater impacts associated with the RECs were identified during the field investigations performed by PSI & ECT. The groundwater flow direction reported by PSI is to the northeast on the northern part of the Site, and to the northwest on the southern part of the Site. Along the southern part of the Site, it appears that groundwater impacts may be migrating onto the Site. The groundwater impacts identified will be addressed through

the redevelopment process by either engineering or institutional controls (EC/IC), pump-and-treat technology, in-situ remediation, or a combination of these remedial alternatives. Following implementations of these actions, the groundwater impacts identified on the perimeter of the Site would not be expected pose an unacceptable risk to human health or the environment to the Parramore community.

## **5.5 Supplemental Information**

On August 4, 2014, Orlando Mayor Buddy Dyer announced the City of Orlando is dropping the eminent domain case against Faith Deliverance Temple (parcel 26-22-29-2220-00-190, 625 W. Church Street) shifting the site of the soccer stadium slightly west. Shifting the stadium west, frees-up two large parcels for infill commercial development and affordable housing, which will bring business opportunities, jobs and housing to Parramore residents. Graphical overlays of the previous and current soccer stadium locations are presented as **Figures 10** and **11**.

## **6.0 RECOMMENDATIONS**

No additional environmental Remediation/Reuse Planning activities through Brownfield Grant BF-95498212 are proposed at this time. If new soil and/or groundwater data is obtained from the City of Orlando in response to the shifting of the proposed soccer stadium to the west, then additional data evaluation may be required to determine if soil and groundwater impacts associated with any new identified RECs may be present at the perimeter of the Site.

## **7.0 REFERENCES**

Professional Services Industries, Inc. Phase II Environmental Site Assessment / Supplemental Site Assessment Report: Two City Blocks, Downtown Orlando Between West Central Boulevard and West Church Street and South Terry Avenue and South Parramore Avenue, Orlando, Orange County, Florida. June 10, 2014.

Google Maps, 2013 aerial photography review.

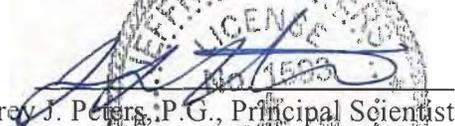
Orange County Property Appraisers Website.

## 8.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

ECT has completed this Remediation/Reuse Planning Report for the two City blocks in downtown Orlando between West Central Boulevard and West Church Street, and South Terry Avenue and South Parramore Avenue (Site). This area is the proposed location for the new Orlando Lions major league soccer stadium. ECT's scope of services consisted solely of the activities described in the Introduction of this report, and in accordance with the Terms and Conditions of Services Authorizations #V and #XIII of contract RQ513-0255.

The objective of this Remediation/Reuse Planning Report is to determine if soil and groundwater impacts associated with the RECs identified during the Phase II ESA investigations performed by PSI & ECT were present at the perimeter of the Site, and if present, if these impacts could pose an unacceptable risk to human health and the environment within the Parramore community.

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Geology Business Authorization No. 42

## **TABLES**

**TABLE 1****Well Construction Details**

**PROJECT:** City Soccer  
**CITY/COUNTY/STATE:** Orlando, Orange County, Florida  
**PSI PROJECT NO.:** 06631995

Well Number	Well Diameter (inches)	Total Depth (feet)	Screened Interval (feet)	Installation Date	Silica Sand Filter Pack	Slot Size (inches)	Surface Construction
MW-1	2	20.21	10.21-20.21	02/26/14	30/45	0.010	Flush
MW-2	2	20.45	10.45-20.45	02/26/14	30/45	0.010	Flush
MW-3	2	19.58	9.58-19.58	02/26/14	30/45	0.010	Flush
MW-4	2	20.17	10.17-20.17	02/26/14	30/45	0.010	Flush
MW-5	2	19.50	9.50-19.50	02/27/14	30/45	0.010	Flush
MW-6	2	20.13	10.13-20.13	02/27/14	30/45	0.010	Flush
MW-7	2	20.11	10.11-20.11	02/27/14	30/45	0.010	Flush
MW-8	2	19.36	9.36-19.36	03/04/14	30/45	0.010	Flush
MW-9	2	19.79	9.79-19.79	03/04/14	30/45	0.010	Flush
MW-10	2	20.30	10.30-20.30	03/04/14	30/45	0.010	Flush
MW-11	2	19.83	9.83-19.83	03/04/14	30/45	0.010	Flush
MW-12	2	19.60	9.60-19.60	03/04/14	30/45	0.010	Flush
MW-13	2	19.87	9.87-19.87	03/05/14	30/45	0.010	Flush
MW-14	2	20.00	10.00-20.00	03/05/14	30/45	0.010	Flush
MW-15	2	20.06	10.06-20.06	03/07/14	30/45	0.010	Flush
MW-16	2	20.00	10.00-20.00	03/07/14	30/45	0.010	Flush
MW-17	2	20.09	10.09-20.09	03/07/14	30/45	0.010	Flush
MW-18	2	19.50	9.50-19.50	04/03/14	30/45	0.010	Flush
MW-19	2	19.38	9.38-19.38	05/06/14	20/30	0.010	Flush
MW-20	2	19.01	9.01-19.01	05/06/14	20/30	0.010	Flush
MW-21	2	18.78	8.78-18.78	05/06/14	20/30	0.010	Flush
MW-22	2	20.07	10.07-20.07	05/06/14	20/30	0.010	Flush
MW-23D	2	41.20	36.20-41.20	05/07/14	20/30	0.010	Flush
MW-24	2	19.53	9.53-19.53	05/08/14	20/30	0.010	Flush
MW-25	2	19.02	9.02-19.02	05/08/14	20/30	0.010	Flush
MW-26	2	19.65	9.65-19.65	05/08/14	20/30	0.010	Flush
MW-27	2	19.95	9.95-19.95	05/08/14	20/30	0.010	Flush
MW-28	2	19.80	9.80-19.80	05/08/14	20/30	0.010	Flush
MW-29	2	19.57	9.57-19.57	05/08/14	20/30	0.010	Flush
MW-30	2	19.89	9.89-19.89	05/09/14	20/30	0.010	Flush
MW-31	2	20.10	10.10-20.10	05/13/14	20/30	0.010	Flush

**TABLE 2**

**Groundwater Elevation Table**

**PROJECT:** City Soccer  
**CITY/COUNTY/STATE:** Orlando, Orange County, Florida  
**PSI PROJECT NO.:** 06631995

All Measurements = Feet  
 No Data = Blank

WELL NO.	MW-6S( R )	MW-12S( R )	MW-20S	MW-21S	PZ-1	PZ-2
DIAMETER (inches)	2	2	2	2	2	2
WELL DEPTH	22.18	21.95	21.83	22.11	20.00	20.00
SCREEN INTERVAL	12.18-22.18	11.95-21.95	11.83-21.83	12.11-22.11	10.00-20.00	10.00-20.00
TOC ELEVATION	99.18	99.16	99.24	99.43	100.00	100.28

DATE	ELEV	DTW	FP									
11/26/2013	86.73	12.45	---	86.70	12.46	---	86.83	12.41	---	86.85	12.58	---

WELL NO.	PZ-3
DIAMETER (inches)	2
WELL DEPTH	20.00
SCREEN INTERVAL	10.00-20.00
TOC ELEVATION	101.25

DATE	ELEV	DTW	FP
11/26/2013	86.88	14.37	---











TABLE 3A Soil Analytical Data Summary - VOCs (Detected Parameters Only)

PROJECT: City Soccer  
 ADDRESS: Two City Blocks, Downtown Orlando  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS													
				Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Isopropylbenzene (aka Cumene) (mg/kg)	n-Propylbenzene (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	sec-Butylbenzene (mg/kg)	p-Isopropyltoluene (aka p-Cymene) (mg/kg)	n-Butylbenzene (mg/kg)		
<b>AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR</b>																	
H-1@1'	2/28/2014	171.75	93.8	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
H-4@3'	2/28/2014	1.71	0.0	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
H-6@1'	2/28/2014	1.8	0.2	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
H-6N1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6E1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6S1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6W1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9@5'	2/28/2014	0.65	0.3	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
H-9@3'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9N1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9E1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S2@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W2@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>AREA #11 - FORMER OFF-SITE DRY CLEANERS</b>																	
J-1@1'	3/5/2014	40.13	3.6	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
J-3@3'	3/5/2014	22.34	17.7	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
<b>AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS</b>																	
K-3@1'	3/5/2014	36.45	13.0	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
K-3@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3N1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Chapter 62-777, FAC DE-I SCTLs</b>				7,500	1,500	130	220	---	0.7	15	---	18	---	960	---	---	---
<b>Chapter 62-777, FAC DE-II SCTLs</b>				60,000	9,200	700	1,200	---	1.2	80	---	95	---	5,600	---	---	---
<b>Chapter 62-777, FAC LSCTLs</b>				0.5	0.6	0.2	0.2	---	0.001	0.3	---	0.3	---	---	---	---	---



TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS										
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (m/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	
<b>AREA #1 - FORMER AUTO REPAIR/PAINT AND BODY</b>														
M-2@1'	2/17/2014	0.45	0.0	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4@1'	2/17/2014	0.56	0.4	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4@3'	5/2/2014	---	---	NA/0.012 (U)	0.034 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
M-4N1@1'	5/2/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4E1@1'	5/2/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4S1@1'	5/2/2014	---	---	NA/0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)
M-4S1@3'	5/2/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4S2@1'	5/2/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4W1@1'	5/2/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-4W1@3'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W2@1'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-5 @ 1'	2/17/2014	0.10	0.0	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-10 @ 2'	2/17/2014	0.15	0.4	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
M-11 @ 1'	2/17/2014	0.01	0.0	0.005 (U)/0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)
<b>AREA #2 - FORMER AUTO REPAIR w/ GASOLINE TANKS</b>														
C-1 @ 1'	2/18/2014	5.34	1.1	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
C-1 @ 5'	2/18/2014	0.67	0.0	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
C-5 @ 2'	2/18/2014	0.31	3.7	0.005 (U)/0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)
C-9 @ 1'	2/18/2014	1.34	0.0	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
<b>AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP</b>														
I-1 @ 1'	2/18/2014	0.40	0.0	0.005 (U)/0.120 (U)	0.120 (U)	0.098 (U)	0.130 (U)	0.130 (U)	0.130 (U)	0.140 (U)	0.130 (U)	0.150 (U)	0.110 (U)	0.110 (U)
I-6 @ 1'	2/18/2014	0.01	0.0	0.005 (U)/0.130 (U)	0.120 (U)	0.110 (U)	0.140 (U)	0.140 (U)	0.140 (U)	0.150 (U)	0.140 (U)	0.170 (U)	0.120 (U)	0.120 (U)
I-6@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6N1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E2@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Chapter 62-777, FAC DE-I SCTLs</b>				55	210	200	1,800	2,400	2,600	2,600	2,200	21,000	3,200	2,400
<b>Chapter 62-777, FAC DE-II SCTLs</b>				300	2,100	1,800	20,000	20,000	33,000	36,000	300,000	59,000	45,000	880
<b>Chapter 62-777, FAC L SCTLs</b>				1.2	8.5	3.1	27	2.1	160	250	2,500	1,200	880	880

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS										
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP (cont)														
I-6S1@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S2@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6W1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #4 - FORMER AUTO REPAIR														
A-2@1'	2/19/2014	0.12	0.0	0.006 (U)/0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
A-5@1'	2/19/2014	0.32	0.0	0.007 (U)/0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)
AREA #5 - FORMER ELECTRIC MOTOR REPAIR														
B-3@1'	2/19/2014	1.94	0.0	0.005 (U)/0.130 (U)	0.130 (U)	0.100 (U)	0.130 (U)	0.130 (U)	0.140 (U)	0.150 (U)	0.140 (U)	0.160 (U)	0.120 (U)	0.120 (U)
B-6@1'	2/19/2014	0.01	0.0	0.006 (U)/0.160 (U)	0.160 (U)	0.130 (U)	0.160 (U)	0.170 (U)	0.170 (U)	0.180 (U)	0.170 (U)	0.200 (U)	0.140 (U)	0.140 (U)
B-6@3'	4/29/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6N1@1'	4/29/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6E1@1'	4/29/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6S1@1'	4/29/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6W1@1'	4/29/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8@1'	2/19/2014	0.00	0.0	0.007 (U)/0.160 (U)	0.160 (U)	0.130 (U)	0.160 (U)	0.170 (U)	0.170 (U)	0.180 (U)	0.170 (U)	0.200 (U)	0.140 (U)	0.140 (U)
AREA #6 - FORMER AUTO REPAIR w/ ONE GASOLINE TANK														
D-1@2'	2/21/2014	0.75	0.0	0.005 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
D-1@3'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1N1@1'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1E1@1'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1S1@1'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1W1@1'	5/2/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-6@5'	2/21/2014	685.99	396.1	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
AREA #7 - FORMER AUTO REPAIR														
E-1@1'	2/24/2014	0.00	0.0	0.006 (U)/0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.030 (U)	0.010 (U)	0.031 (U)	0.040 (U)
E-5@1'	2/24/2014	0.20	0.0	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.024 (U)	0.011 (U)	0.039 (U)	0.026 (U)
Chapter 62-777. FAC DE-I SCTLs				55	210	200	1,800	2,400	2,600	2,600	2,200	21,000	3,200	2,400
Chapter 62-777. FAC DE-II SCTLs				300	2,100	1,800	20,000	20,000	33,000	36,000	300,000	59,000	45,000	880
Chapter 62-777. FAC LSCTLs				1.2	8.5	3.1	27	2.1	160	250	2,500	1,200	880	

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS												
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)			
				AREA #8 - FORMER AUTO REPAIR												
F-5@7'	2/25/2014	0.18	2.9	0.005 (U) / 0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	
F-5@5'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5@9'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5N1@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5N1@9'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5N2@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5E1@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5S1@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5S1@9'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5S2@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5W1@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5W1@9'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-5W2@7'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6@1'	2/25/2014	0.67	0.0	0.007 (U) / 0.011 (U)	0.011 (U)	0.036 (I)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.129	0.019 (I)	0.224	0.18	0.011 (U)	
F-6@3'	4/28/2014	---	---	NA / 0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	
F-6N1@1'	4/28/2014	---	---	NA / 0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	
F-6N1@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6N2@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6E1@1'	4/28/2014	---	---	NA / 0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	
F-6E1@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6E2@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6S1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6S1@3'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6S2@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
F-6W1@1'	4/28/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.015 (I)	0.011 (U)	0.021 (I)	0.021 (I)	0.021 (I)	
				AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY												
G-3@1'	2/28/2014	13.01	23.9	0.007 (U) / 0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.041 (I)	0.025 (I)	0.388	0.062	0.643	0.477	0.012 (U)	0.012 (U)	
G-3@3'	5/1/2014	---	---	NA/0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	
Chapter 62-777, FAC DE-I SCTLs				55	210	200	1,800	2,400	2,600	2,200	21,000	3,200	2,400	3,200	2,400	
Chapter 62-777, FAC DE-II SCTLs				300	2,100	1,800	20,000	20,000	33,000	36,000	300,000	59,000	45,000	45,000	45,000	45,000
Chapter 62-777, FAC L5CTLs				1.2	8.5	3.1	27	2.1	160	250	2,500	1,200	880	1,200	880	

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS										
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont)														
G-3N1@1'	5/1/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
G-3N1@3'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N2@1'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E1@1'	5/1/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
G-3E1@3'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E2@1'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S1@1'	5/1/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
G-3S1@3'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S2@1'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3W1@1'	5/1/2014	---	---	NA/0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)
G-5@9'	2/28/2014	69.05	43.4	0.007 (U)/0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)
G-6@1'	2/28/2014	20.29	10	0.007 (U)/0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
G-6@3'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N1@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N1@3'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N2@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E1@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E1@3'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E2@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S1@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S1@3'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S2@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W1@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W1@3'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W2@1'	5/5/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8@1'	2/28/2014	61.85	4.8	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
G-8@3'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N1@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				55	210	210	210	210	210	210	210	210	210	210
Chapter 62-777, FAC DE-II SCTLs				300	2,100	1,800	20,000	2,600	33,000	36,000	300,000	59,000	2,400	45,000
Chapter 62-777, FAC LSCTLs				1.2	8.5	3.1	27	2.1	160	250	2,500	1,200	880	

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS												
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)			
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont)																
G-8N1@3'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N2@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8E1@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8S1@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W1@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W1@3'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W2@1'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR																
H-1@1'	2/28/2014	171.75	93.8	0.006 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
H-4@3'	2/28/2014	1.71	0.0	0.005 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
H-6@1'	2/28/2014	1.8	0.2	0.005 (U)	1.222	1.648	0.642 (U)	2.624	3.430	32.76	7.255	32.04	32.04	32.04	20.34	20.34
H-6N1@1'	5/7/2014	---	---	NA/0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)
H-6E1@1'	5/7/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
H-6S1@1'	5/7/2014	---	---	NA/0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)
H-6W1@1'	5/7/2014	---	---	NA/0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
H-9@5'	2/28/2014	0.65	0.3	0.006 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)
H-9@3'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9@7'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9N1@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9E1@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@7'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S2@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@7'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W2@5'	5/7/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				55	210	210	1,800	2,400	2,600	2,200	21,000	3,200	2,400			
Chapter 62-777, FAC DE-II SCTLs				300	2,100	1,800	20,000	20,000	33,000	36,000	300,000	59,000	45,000			
Chapter 62-777, FAC LSCTLs				1.2	8.5	3.1	27	2.1	160	250	2,500	1,200	880			

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS												
				Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	1-Methylnaphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)			
J-1@1'	3/5/2014	40.13	3.6	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)
J-3@3'	3/5/2014	22.34	17.7	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
K-3@1'	3/5/2014	36.45	13.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
K-3@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3N1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9@7'	3/5/2014	930.22	112.9	0.272	0.203	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9@5'	4/29/2014	---	---	0.005 (U)0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9@9'	4/29/2014	---	---	0.066/0.033 (l)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
K-9N1@7'	4/29/2014	---	---	0.005 (U)0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9N3@7'	5/5/2014	---	---	0.005 (U)0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9E1@7'	4/29/2014	---	---	0.005 (U)0.029 (l)	0.064	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9E2@7'	5/15/2014	---	---	0.300/0.124	0.140	0.152	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9S1@7'	4/29/2014	---	---	0.06 (U)0.030 (l)	0.090	0.080	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9S3@7'	5/5/2014	---	---	0.006 (U)0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
K-9W3@7'	5/5/2014	---	---	0.006 (U)0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)
AREA #13 - FORMER AUTO REPAIR																
L-2@1'	5/13/2014	<1	0	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)
L-5@1'	5/13/2014	<1	0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)
Chapter 62-777, FAC DE-I SCTLs				55	210	200	2,400	2,600	2,600	2,200	21,000	3,200	2,400			
Chapter 62-777, FAC DE-II SCTLs				300	2,100	1,800	20,000	33,000	36,000	300,000	59,000	45,000				
Chapter 62-777, FAC LSCTLs				1.2	8.5	3.1	27	160	250	2,500	1,200	880				

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS											
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenz(a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)		
AREA #1 - FORMER AUTO REPAIR/PAINT AND BODY															
M-2@1'	2/17/2014	0.45	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.4 (U)
M-4@1'	2/17/2014	0.56	0.4	0.129	0.177	0.184	0.070	0.100	0.094	0.025 (U)	0.088	0.011 (U)	0.088	0.17	8.4 (U)
M-4@3'	5/2/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
M-4N1@1'	5/2/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
M-4E1@1'	5/2/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
M-4S1@1'	5/2/2014	---	---	0.134	0.186	0.313	0.184	0.193	0.069	0.013 (U)	0.156	0.013 (U)	0.156	0.25	NA
M-4S1@3'	5/2/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
M-4S2@1'	5/2/2014	---	---	0.020 (U)	0.150	0.074	0.011 (U)	0.082	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.02	NA
M-4W1@1'	5/2/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
M-4W1@3'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W2@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-5 @ 1'	2/17/2014	0.10	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.3 (U)
M-10 @ 2'	2/17/2014	0.15	0.4	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.7 (U)
M-11 @ 1'	2/17/2014	0.01	0.0	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	NC	6.5 (U)
AREA #2 - FORMER AUTO REPAIR w/ GASOLINE TANKS															
C-1 @ 1'	2/18/2014	5.34	1.1	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.4 (U)
C-1 @ 5'	2/18/2014	0.67	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.3 (U)
C-5 @ 2'	2/18/2014	0.31	3.7	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	NC	5.2 (U)
C-9 @ 1'	2/18/2014	1.34	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	74
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP															
I-1 @ 1'	2/18/2014	0.40	0.0	0.130 (U)	0.130 (U)	0.110 (U)	0.110 (U)	0.079 (U)	0.140 (U)	0.140 (U)	0.160 (U)	0.140 (U)	0.160 (U)	NC	5.1 (U)
I-6 @ 1'	2/18/2014	0.01	0.0	0.140 (U)	0.140 (U)	0.120 (U)	0.120 (U)	0.086 (U)	0.150 (U)	0.150 (U)	0.180 (U)	0.150 (U)	0.180 (U)	NC	55
I-6 @ 3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6N1@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1@3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E2@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S1@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				#	#	#	#	0.1	#	#	2,500	#	2,500	0.1	460
Chapter 62-777, FAC DE-II SCTLs				#	#	#	#	0.7	#	#	52,000	#	52,000	0.7	2,700
Chapter 62-777, FAC LSCTLs				0.8	77	2.4	24	8	6.6	0.7	32,000	0.7	32,000	---	340

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS													
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenzo (a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)				
I-6S1@3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S2@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6W1@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP (cont)																	
A-2@1'	2/19/2014	0.12	0.0	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	5.9 (U)
A-5@1'	2/19/2014	0.32	0.0	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	6.7 (U)
AREA #4 - FORMER AUTO REPAIR																	
B-3@1'	2/19/2014	1.94	0.0	0.140 (U)	0.140 (U)	0.120 (U)	0.120 (U)	0.084 (U)	0.150 (U)	0.150 (U)	0.150 (U)	0.170 (U)	0.170 (U)	0.170 (U)	0.170 (U)	0.170 (U)	5.4 (U)
B-6@1'	2/19/2014	0.01	0.0	0.170 (U)	0.170 (U)	0.140 (U)	0.140 (U)	0.100 (U)	0.180 (U)	0.180 (U)	0.180 (U)	0.210 (U)	0.210 (U)	0.210 (U)	0.210 (U)	0.210 (U)	22
B-6@3'	4/29/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6N1@1'	4/29/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6E1@1'	4/29/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6S1@1'	4/29/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6W1@1'	4/29/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8@1'	2/19/2014	0.00	0.0	0.170 (U)	0.170 (U)	0.140 (U)	0.140 (U)	0.100 (U)	0.180 (U)	0.180 (U)	0.180 (U)	0.210 (U)	0.210 (U)	0.210 (U)	0.210 (U)	0.210 (U)	6.9 (U)
AREA #6 - FORMER AUTO REPAIR w/ ONE GASOLINE TANK																	
D-1@2'	2/21/2014	0.75	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	404
D-1@4'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.8 (U)
D-1N1@2'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.8 (U)
D-1E1@2	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.4 (U)
D-1S1@2'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.0 (U)
D-1W1@2'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.0 (U)
D-6@5'	2/21/2014	685.99	396.1	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	5.4 (U)
AREA #7 - FORMER AUTO REPAIR																	
E-1@1'	2/24/2014	0.00	0.0	0.015 (U)	0.027 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.013 (U)	0.010 (U)	0.010 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	44
E-5@1'	2/24/2014	0.20	0.0	0.017 (U)	0.021 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	55
Chapter 62-777. FAC DE-I SCTLs																	
Chapter 62-777. FAC DE-II SCTLs																	
Chapter 62-777. FAC LSCTLs																	
				0.8	77	2.4	24	8	6.6	0.7	0.7	2.500	32,000	0.1	0.7	---	340

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS												
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenzo (a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)			
F-5@7'	2/25/2014	0.18	2.9	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	6.1 (U)
F-5@5'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5@9'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5N1@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5N1@9'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5N2@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5E1@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S1@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S1@9'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S2@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W1@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W1@9'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W2@7'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6@1'	2/25/2014	0.67	0.0	0.095	0.122	0.156	0.123	0.130	0.089	0.027 (I)	0.078	0.19	56			
F-6@3'	4/28/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NA
F-6N1@1'	4/28/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NA
F-6N1@3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N2@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E1@1'	4/28/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NA
F-6E1@3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E2@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S1@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S1@3'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S2@1'	4/28/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6W1@1'	4/28/2014	---	---	0.011 (U)	0.022 (I)	0.019 (I)	0.011 (U)	0.011 (U)	0.023 (I)	0.011 (U)	0.029 (I)	0.02	0.02	0.02	0.02	NA
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY																
G-3@1'	2/28/2014	13.01	23.9	0.231	0.315	0.364	0.151	0.252	0.206	0.049 (I)	0.196	0.38	29			
G-3@3'	5/1/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NA
Chapter 62-777, FAC DE-I SCTLs				#	#	#	#	0.1	#	#	2,500	0.1	460			
Chapter 62-777, FAC DE-II SCTLs				#	#	#	#	0.7	#	#	52,000	0.7	2,700			
Chapter 62-777, FAC LSCTLs				0.8	77	2.4	24	8	6.6	0.7	32,000	---	340			

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS											
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenzo (a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)		
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont)															
G-3N1@1'	5/1/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
G-3N1@3'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N2@1'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E1@1'	5/1/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
G-3E1@3'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E2@1'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S1@1'	5/1/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
G-3S1@3'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S2@1'	5/1/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3W1@1'	5/1/2014	---	---	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	NC	NA
G-5@9'	2/28/2014	69.05	43.4	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	0.013 (U)	NC	6.7 (U)
G-6@1'	2/28/2014	20.29	10	0.012 (U)	0.016 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.01	9.1 (U)
G-6@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6N2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6E2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6S2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8@1'	2/28/2014	61.85	4.8	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.7 (U)
G-8@3'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N1@3'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N2@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Chapter 62-777, FAC DE-I SCTLs</b>				#	#	#	#	0.1	#	#	#	2,500	#	0.1	460
<b>Chapter 62-777, FAC DE-II SCTLs</b>				#	#	#	#	0.7	#	#	#	52,000	#	0.7	2,700
<b>Chapter 62-777, FAC LSCTLs</b>				0.8	77	2.4	24	8	6.6	0.7	32,000	---	---	---	340

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS											
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenzo (a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)		
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont)															
G-8E1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
G-8S1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
G-8W1@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
G-8W1@3'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
G-8W2@1'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR															
H-1@1'	2/28/2014	171.75	93.8	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	26
H-4@3'	2/28/2014	1.71	0.0	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	5.9 (U)
H-6@1'	2/28/2014	1.8	0.2	9.566	11.28	11.52	5.176	10.14	7.379	2.239	5.766	15.29	5.766	15.29	506
H-6N1@1'	5/7/2014	---	---	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	NC	3.7 (U)
H-6E1@1'	5/7/2014	---	---	0.018 (U)	0.042 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.01	NA
H-6S1@1'	5/7/2014	---	---	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	NC	3.7 (U)
H-6W1@1'	5/7/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	3.7 (U)
H-9@5'	2/28/2014	0.65	0.3	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.01	7.0 (U)
H-9@3'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9N1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9E1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S2@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@7'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W2@5'	5/7/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				#	#	#	#	0.1	#	#	#	#	2,500	0.1	460
Chapter 62-777, FAC DE-II SCTLs				#	#	#	#	0.7	#	#	#	#	52,000	0.7	2,700
Chapter 62-777, FAC LSCTLs				0.8	77	2.4	24	8	6.6	0.7	32,000	---			340

TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)

PROJECT: Two-City Blocks  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	DETECTED PARAMETERS											
				Benzo (a) anthracene (mg/kg)	Chrysene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Dibenzo (a,h) anthracene (mg/kg)	Benzo (g,h,i) perylene (mg/kg)	BaP TEQ (mg/kg)	TPH (mg/kg)		
<b>AREA #11 - FORMER OFF-SITE DRY CLEANERS</b>															
J-1@1'	3/5/2014	40.13	3.6	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	0.014 (U)	NC	6.8 (U)
J-3@3'	3/5/2014	22.34	17.7	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.5 (U)
<b>AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS</b>															
K-3@1	3/5/2014	36.45	13.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.3 (U)
K-3@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3N1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@3'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W2@1'	5/5/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9@7'	3/5/2014	930.22	112.9	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	200
K-9@5'	4/29/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9@9'	4/29/2014	---	---	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	NA
K-9N1@7'	4/29/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9N2@7'	5/5/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9E1@7'	4/29/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9E2@7'	5/15/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	86
K-9S1@7'	4/29/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9S2@7'	5/5/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
K-9W3@7'	5/5/2014	---	---	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	NA
<b>AREA #13 - FORMER AUTO REPAIR</b>															
L-2@1'	5/13/2014	<1	0.0	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	0.010 (U)	NC	5.1 (U)
L-5@1'	5/13/2014	<1	0.0	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.011 (U)	NC	5.5 (U)
Chapter 62-777, FAC DE-I SCTLs				#	#	#	#	0.1	#	#	#	#	2,500	0.1	460
Chapter 62-777, FAC DE-II SCTLs				#	#	#	#	0.7	#	#	#	#	52,000	0.7	2,700
Chapter 62-777, FAC LSCTLs				0.8	77	2.4	24	8	6.6	0.7	32,000	---	---	---	340

**TABLE 3B Soil Analytical Data Summary - PAHs and TPH (Detected Parameters Only)**

**PROJECT:** Two-City Blocks  
**CITY/COUNTY/STATE:** Orlando, Orange County, Florida  
**PSI PROJECT NO.:** 06631995

**Notes:**

1. OVA-FID = Organic Vapor Analyzer equipped with Flame Ionization Detector.
2. OVA-PID = OVA equipped with Photo Ionization Detector.
3. mg/kg = Milligrams per kilogram or parts per million (ppm).
4. BaP TEQ = Benzo(a)pyrene Toxicity Equivalence.
5. TPH = Total petroleum Hydrocarbons.
6. U = Analyte not detected above the laboratory method detection limit (LMDL).
7. I = Result is between the LMDL and the practical quantitation limit (PQL).
8. NA = Not Analyzed
9. NC = Not Calculated.
10. J = Estimated value.
11. FAC = Florida Administrative Code.
12. DE-I SCTLs = Direct Exposure-Residential Soil Cleanup Target Levels.
13. # = Analytes are carcinogenic polynuclear aromatic hydrocarbons (PAHs), which are collectively evaluated as BaP TEQ and compared to the Benzo(a)pyrene SCTLs for direct exposure. See Table 1a.
14. --- = Criteria not established for stated parameter.
15. DE-II SCTLs = Direct Exposure-Commercial SCTLs.
16. LSCTLs = Leachability SCTLs.

**Bolded values exceed Chapter 62-777, FAC criteria.**

## TABLE 3C Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. M-4@1'  
 Sample Date 02/17/14  
 Location: Soil Boring M-4 (Area #1)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.100	1.0	0.1000
Benzo(a)anthracene	0.129	0.1	0.0129
Benzo(b)fluoranthene	0.184	0.1	0.0184
Benzo(k)fluoranthene	0.070	0.01	0.0007
Chrysene	0.177	0.001	0.0002
Dibenz(a,h)anthracene	0.025	1.0	0.0250
Indeno(1,2,3-cd)pyrene	0.094	0.1	0.0094

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.17

**The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.**

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Sample No. M-4S1@1'  
 Sample Date 05/02/14  
 Location: Soil Boring M-4S1 (Area #1)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.193	1.0	0.1930
Benzo(a)anthracene	0.134	0.1	0.0134
Benzo(b)fluoranthene	0.313	0.1	0.0313
Benzo(k)fluoranthene	0.184	0.01	0.0018
Chrysene	0.186	0.001	0.0002
Dibenz(a,h)anthracene	0.007	1.0	0.0065
Indeno(1,2,3-cd)pyrene	0.069	0.1	0.0069

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.25**

**The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.**

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_  
 Soil Sample No. M-4S2@1'  
 Sample Date 05/02/14  
 Location: Soil Boring M-4S2 (Area #1)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.006	1.0	0.0055
Benzo(a)anthracene	0.020	0.1	0.0020
Benzo(b)fluoranthene	0.074	0.1	0.0074
Benzo(k)fluoranthene	0.006	0.01	0.0001
Chrysene	0.150	0.001	0.0002
Dibenz(a,h)anthracene	0.006	1.0	0.0055
Indeno(1,2,3-cd)pyrene	0.006	0.1	0.0006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

**Total Benzo(a)pyrene Equivalents = 0.02**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. E-1@1'  
 Sample Date 02/24/14  
 Location: Soil Boring E-1 (Area #7)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.005	1.0	0.0050
Benzo(a)anthracene	0.015	0.1	0.0015
Benzo(b)fluoranthene	0.005	0.1	0.0005
Benzo(k)fluoranthene	0.005	0.01	0.0001
Chrysene	0.027	0.001	0.0000
Dibenz(a,h)anthracene	0.005	1.0	0.0050
Indeno(1,2,3-cd)pyrene	0.013	0.1	0.0013

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.01**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. E-5@1  
 Sample Date 02/24/14  
 Location: Soil Boring E-5 (Area #7)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.006	1.0	0.0055
Benzo(a)anthracene	0.017	0.1	0.0017
Benzo(b)fluoranthene	0.006	0.1	0.0006
Benzo(k)fluoranthene	0.006	0.01	0.0001
Chrysene	0.021	0.001	0.0000
Dibenz(a,h)anthracene	0.006	1.0	0.0060
Indeno(1,2,3-cd)pyrene	0.006	0.1	0.0006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.01**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. F-6@1  
 Sample Date 02/25/14  
 Location: Soil Boring F-6 (Area #8)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.130	1.0	0.1300
Benzo(a)anthracene	0.095	0.1	0.0095
Benzo(b)fluoranthene	0.156	0.1	0.0156
Benzo(k)fluoranthene	0.123	0.01	0.0012
Chrysene	0.122	0.001	0.0001
Dibenz(a,h)anthracene	0.027	1.0	0.0270
Indeno(1,2,3-cd)pyrene	0.089	0.1	0.0089

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.19**

**The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.**

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Sample No. F-6W1@1'  
 Sample Date 04/28/14  
 Location: Soil Boring F-6W1 (Area #8)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.006	1.0	0.0055
Benzo(a)anthracene	0.055	0.1	0.0055
Benzo(b)fluoranthene	0.019	0.1	0.0019
Benzo(k)fluoranthene	0.006	0.01	0.0001
Chrysene	0.022	0.001	0.0000
Dibenz(a,h)anthracene	0.006	1.0	0.0055
Indeno(1,2,3-cd)pyrene	0.023	0.1	0.0023

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

**Total Benzo(a)pyrene Equivalents = 0.02**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. G-3@1  
 Sample Date 02/28/14  
 Location: Soil Boring G-3 (Area #9)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.252	1.0	0.2520
Benzo(a)anthracene	0.231	0.1	0.0231
Benzo(b)fluoranthene	0.364	0.1	0.0364
Benzo(k)fluoranthene	0.151	0.01	0.0015
Chrysene	0.315	0.001	0.0003
Dibenz(a,h)anthracene	0.049	1.0	0.0490
Indeno(1,2,3-cd)pyrene	0.206	0.1	0.0206

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.38**

**The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.**

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_

Soil Sample No. G-6@1'  
 Sample Date 02/28/14  
 Location: Soil Boring G-4 (Area #9)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.006	1.0	0.0060
Benzo(a)anthracene	0.006	0.1	0.0006
Benzo(b)fluoranthene	0.006	0.1	0.0006
Benzo(k)fluoranthene	0.006	0.01	0.0001
Chrysene	0.016	0.001	0.0000
Dibenz(a,h)anthracene	0.006	1.0	0.0060
Indeno(1,2,3-cd)pyrene	0.006	0.1	0.0006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.01**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_  
 Soil Sample No. H-6@1'  
 Sample Date 02/28/14  
 Location: Soil Boring H-6 (Area #10)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	10.14	1.0	10.1400
Benzo(a)anthracene	9.566	0.1	0.9566
Benzo(b)fluoranthene	11.52	0.1	1.1520
Benzo(k)fluoranthene	5.176	0.01	0.0518
Chrysene	11.28	0.001	0.0113
Dibenz(a,h)anthracene	2.239	1.0	2.2390
Indeno(1,2,3-cd)pyrene	7.379	0.1	0.7379

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **15.29****The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.****The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.**

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

**TABLE 3C Benzo(a)pyrene Conversion Table**

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: City Soccer  
 Location: Orlando, Florida  
 Facility/Site ID No.: \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Sample No. H-6E1@1'  
 Sample Date 05/05/14  
 Location: Soil Boring H-6E1 (Area #10)  
 Depth (ft): 1

**INSTRUCTIONS:** Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.006	1.0	0.0055
Benzo(a)anthracene	0.018	0.1	0.0018
Benzo(b)fluoranthene	0.006	0.1	0.0006
Benzo(k)fluoranthene	0.006	0.01	0.0001
Chrysene	0.042	0.001	0.0000
Dibenz(a,h)anthracene	0.006	1.0	0.0055
Indeno(1,2,3-cd)pyrene	0.006	0.1	0.0006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.01**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

TABLE 3D Soil Analytical Data Summary - Metals and Pesticides/Herbicides (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	DETECTED PARAMETERS																	
		Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	4,4'-DD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Aldrin (mg/kg)	Total Chlordane (mg/kg)	Dieldrin (mg/kg)
AREA #1 - FORMER AUTO REPAIR/PAINT AND BODY																			
M-2 @ 1'	2/17/2014	0.924	NA	NA	0.0134 (U)	5.29	NA	NA	3.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4 @ 1'	2/17/2014	9.42	NA	NA	0.240	5.48	NA	NA	22.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4 @ 3'	5/2/2014	0.842 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4N1 @ 1'	5/2/2014	1.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4E1 @ 1'	5/2/2014	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4S1 @ 1'	5/2/2014	1.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4S1 @ 3'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4S2 @ 1'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W1 @ 1'	5/2/2014	3.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W1 @ 3'	5/2/2014	0.500 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W2 @ 1'	5/2/2014	1.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-6 @ 1'	2/17/2014	0.848	NA	NA	0.0123 (U)	5.37	NA	NA	4.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-10 @ 2'	2/17/2014	1.38	NA	0.0512 (I)	0.0139 (U)	3.79	1.40	NA	3.97	0.0105 (I)	1.38 (I)	0.111 (U)	1.02 (I)	NA	NA	NA	NA	NA	NA
M-11 @ 1'	2/17/2014	1.27	NA	0.0507 (I)	0.0171 (U)	3.14	1.35	NA	4.64	0.0360	1.25 (I)	0.137 (U)	2.31 (I)	NA	NA	NA	NA	NA	NA
AREA #2 - FORMER AUTO REPAIR W/ GASOLINE TANKS																			
C-1 @ 1'	2/18/2014	1.56	NA	NA	0.0138 (U)	1.90	NA	NA	2.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-1 @ 5'	2/18/2014	1.32	NA	NA	0.0148 (I)	19.6	NA	NA	6.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-5 @ 2'	2/18/2014	0.511 (U)	NA	NA	0.0129 (U)	1.37	NA	NA	1.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9 @ 1'	2/18/2014	0.575 (U)	NA	NA	0.0145 (U)	1.28	NA	NA	1.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP																			
I-1 @ 1'	2/18/2014	0.496 (U)	6.78	NA	0.0196 (I)	1.27	NA	253	5.07	0.00771 (I)	NA	0.100 (U)	NA	NA	NA	NA	NA	NA	NA
I-6 @ 1'	2/18/2014	0.728 (I)	378	NA	0.838	4.14	NA	1,690	338	0.0817	NA	0.207 (I)	NA	NA	NA	NA	NA	NA	NA
I-6 @ 3'	4/28/2014	NA	6.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6N1 @ 1'	4/28/2014	NA	85.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1 @ 1'	4/28/2014	NA	137	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E1 @ 3'	4/28/2014	NA	4.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6E2 @ 1'	4/28/2014	NA	11.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S1 @ 1'	4/28/2014	NA	35.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6S1 @ 3'	4/28/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs		2.1	120	120	82	210	150	53,000	400	3	340	410	26,000	4.2	2.9	2.9	0.06	2.8	0.06
Chapter 62-777, FAC DE-II SCTLs		12	130,000	1,400	1,700	470	89,000	*	1,400	17	35,000	8,200	630,000	22	15	15	0.3	14	0.3
Chapter 62-777, FAC LSCTLs		***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	18	11	0.2	9.6	0.002

TABLE 3D Soil Analytical Data Summary - Metals and Pesticides/Herbicides (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	DETECTED PARAMETERS																		
		Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	4,4'-DD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Aldrin (mg/kg)	Total Chlordane (mg/kg)	Dieldrin (mg/kg)	
I-6S2@1'	4/28/2014	NA	33.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I-6W1@1'	4/28/2014	NA	63.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP (cont)																				
A-2@1'	2/19/2014	0.565 (U)	NA	NA	0.0143 (U)	1.55	NA	NA	1.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A-5@1'	2/19/2014	0.692 (U)	NA	NA	0.0175 (U)	1.29	NA	NA	2.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #4 - FORMER AUTO REPAIR																				
B-3@1'	2/19/2014	0.381 (U)	6.59	NA	0.00964 (U)	2.15	NA	446 (V)	1.76	0.00440 (I)	NA	0.0771 (U)	NA	NA	NA	NA	NA	NA	NA	NA
B-6@1'	2/19/2014	2.29	143	NA	6.97	17.8	NA	23,000 (V)	330	0.162	NA	2.38	NA	NA	NA	NA	NA	NA	NA	NA
B-6@3'	4/29/2014	0.434 (I)	3.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6N1@1'	4/29/2014	0.502 (U)	5.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6E1@1'	4/29/2014	0.448 (U)	7.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6S1@1'	4/29/2014	0.525 (I)	6.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6W1@1'	4/29/2014	0.485 (U)	5.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8@1'	2/19/2014	0.467 (U)	7.48	NA	0.0118 (U)	2.10	NA	446 (V)	2.21	0.00533 (I)	NA	0.0944 (U)	NA	NA	NA	NA	NA	NA	NA	NA
AREA #6 - FORMER AUTO REPAIR W/ ONE GASOLINE TANK																				
D-1@2'	2/21/2014	0.479 (U)	NA	NA	0.0121 (U)	5.14	NA	NA	3.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1@3'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1N1@1'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1E1@1'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1S1@1'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1W1@1'	5/2/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-6@5'	2/21/2014	0.854	NA	NA	0.0139 (U)	9.05	NA	NA	4.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #7 - FORMER AUTO REPAIR																				
E-1@1'	2/24/2014	0.860	NA	NA	0.0255 (I)	6.50	NA	NA	6.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-5@1'	2/24/2014	0.923	NA	NA	0.0414 (I)	3.11	NA	NA	10.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #8 - FORMER AUTO REPAIR																				
F-5@7'	2/25/2014	4.22	NA	NA	0.0172 (U)	16.4	NA	NA	8.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5@5'	5/5/2014	0.844	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5@9'	5/5/2014	1.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5N1@7'	5/5/2014	3.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs		2.1	120	120	82	210	150	53,000	400	3	340	410	26,000	4.2	2.9	2.9	0.06	2.8	0.06	0.06
Chapter 62-777, FAC DE-II SCTLs		12	130,000	1,400	1,700	470	89,000	*	1,400	17	35,000	8,200	630,000	22	15	15	0.3	14	0.3	0.3
Chapter 62-777, FAC LSCTLs		***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	18	11	0.2	9.6	0.002	0.002

TABLE 3D Soil Analytical Data Summary - Metals and Pesticides/Herbicides (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
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AREA #8 - FORMER AUTO REPAIR (cont'd)																			
F-5N1@9	5/5/2014	1.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5N2@7	5/5/2014	1.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5E1@7	5/5/2014	1.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S1@7	5/5/2014	2.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S1@9	5/5/2014	1.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5S2@7	5/5/2014	3.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W1@7	5/5/2014	3.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W1@9	5/5/2014	1.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-5W2@7	5/5/2014	3.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6@1	2/25/2014	6.25	NA	NA	2.41	13.2	NA	1.510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6@3	4/28/2014	0.521 (U)	NA	NA	NA	NA	NA	23.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N1@1	4/28/2014	5.00	NA	NA	NA	NA	NA	NA	6.950	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N1@3	4/28/2014	2.94	NA	NA	NA	NA	NA	NA	3.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N2@1	4/28/2014	3.24	NA	NA	NA	NA	NA	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E1@1	4/28/2014	0.714	NA	NA	NA	NA	NA	7.970	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E1@3	4/28/2014	9.89	NA	NA	NA	NA	NA	9.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E2@1	4/28/2014	158	NA	NA	NA	NA	NA	158	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S1@1	4/28/2014	1.40	NA	NA	NA	NA	NA	492	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S1@3	4/28/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6S2@1	4/28/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6W1@1	4/28/2014	0.488 (U)	NA	NA	NA	NA	NA	28.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY																			
G-3@1	2/28/2014	3.73	NA	NA	0.0433 (I)	4.31	12.4	NA	34.9	NA	NA	NA	0.042	0.096	0.082	0.0012 (U)	0.099	0.0011 (U)	NA
G-3@3	5/1/2014	1.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N1@1	5/1/2014	2.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N1@3	5/1/2014	0.425 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N2@1	5/1/2014	0.407 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E1@1	5/1/2014	4.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3E1@3	5/1/2014	0.486 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs		2.1	120	120	82	210	150	53,000	400	3	340	410	26,000	4.2	2.9	2.9	0.06	2.8	0.06
Chapter 62-777, FAC DE-II SCTLs		12	130,000	1,400	1,700	470	89,000	*	1,400	17	35,000	8,200	630,000	22	15	15	0.3	14	0.3
Chapter 62-777, FAC LSCTLs		***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	11	11	0.2	9.6	0.002

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PROJECT: City Soccer  
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 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	DETECTED PARAMETERS																	
		Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	4,4'-DD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Aldrin (mg/kg)	Total Chlordane (mg/kg)	Dieldrin (mg/kg)
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont)																			
G-3E2@1'	5/1/2014	0.674 (L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S1@1'	5/1/2014	2.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S1@3'	5/1/2014	0.828	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3S2@1'	5/1/2014	3.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3W1@1'	5/1/2014	0.406 (L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-5@9'	2/28/2014	1.49	NA	NA	0.0189 (U)	8.45	0.149 (U)	NA	4.16	NA	NA	NA	0.00066 (U)	0.00071 (U)	0.0009 (U)	0.0007 (U)	0.01114 (U)	0.00062 (U)	NA
G-6@1'	2/28/2014	4.87	NA	NA	0.0412 (I)	3.34	23.4	NA	11.1	NA	NA	NA	0.007	0.024	0.031	0.0085	0.0192 (U)	1.4 (D20)	NA
G-6@3'	5/5/2014	0.455 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.84
G-6N1@1'	5/5/2014	2.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4
G-6N1@3'	5/5/2014	0.510 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.25
G-6N2@1'	5/5/2014	3.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.52
G-6E1@1'	5/5/2014	1.87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.070
G-6E1@3'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 (U)
G-6E2@1'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0026 (I)
G-6S1@1'	5/5/2014	2.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32
G-6S1@3'	5/5/2014	0.470 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.072
G-6S2@1'	5/5/2014	0.796 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.24
G-6W1@1'	5/5/2014	2.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 (I)
G-6W1@3'	5/5/2014	74.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-6W2@1'	5/5/2014	1.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8@1'	2/28/2014	8.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0069	0.015	0.032	0.0012 (U)	0.018 (U)	0.0048	NA
G-8@3'	5/7/2014	1.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N1@1'	5/7/2014	33.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N1@3'	5/7/2014	23.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8N2@1'	5/7/2014	316	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8E1@1'	5/7/2014	0.639 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8S1@1'	5/7/2014	0.441 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W1@1'	5/7/2014	20.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W1@3'	5/7/2014	0.483 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-8W2@1'	5/7/2014	3.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs		2.1	120	120	82	210	150	53,000	400	3	340	410	26,000	4.2	2.9	2.9	0.06	2.8	0.06
Chapter 62-777, FAC DE-II SCTLs		12	130,000	1,400	1,700	470	89,000	*	1,400	17	35,000	8,200	630,000	22	15	15	0.3	14	0.3
Chapter 62-777, FAC LSCTLs		***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	18	11	0.2	9.6	0.002

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<b>AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR</b>																			
H-1@1'	2/28/2014	0.618 (L)	14.5	NA	0.0124 (U)	1.49	NA	NA	2.27	0.0105 (L)	NA	0.0993 (U)	NA	NA	NA	NA	NA	NA	NA
H-4@3'	2/28/2014	0.918	66.2	NA	0.0147 (U)	9.40	NA	NA	5.74	0.00421 (U)	NA	0.117 (U)	NA	NA	NA	NA	NA	NA	NA
H-6@1'	2/28/2014	1.94	108	NA	0.741	10.5	NA	NA	268	0.0779	NA	0.132 (U)	NA	NA	NA	NA	NA	NA	NA
H-6N1@1'	5/7/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6E1@1'	5/7/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6S1@1'	5/7/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6W1@1'	5/7/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-6@5'	2/28/2014	5.46	342	NA	0.0608 (U)	38.4	NA	NA	35.6	0.00752 (L)	NA	0.486 (U)	NA	NA	NA	NA	NA	NA	NA
H-9@3'	5/7/2014	0.537 (U)	9.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9@7'	5/7/2014	4.12	302	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9N1@5'	5/7/2014	0.541 (L)	16.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9E1@5'	5/7/2014	0.804	31.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@5'	5/7/2014	2.85	199	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S1@7'	5/7/2014	2.61	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9S2@5'	5/7/2014	3.19	312	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@5'	5/7/2014	3.28	198	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W1@7'	5/7/2014	2.83	224	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-9W2@5'	5/7/2014	1.62	311	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>AREA #11 - FORMER OFF-SITE DRY CLEANERS</b>																			
J-1@1'	3/5/2014	0.629 (U)	53.9	NA	0.0159 (U)	3.81	NA	NA	10.7	0.0395	NA	0.127 (U)	NA	NA	NA	NA	NA	NA	NA
J-3@3'	4/17/03	1.10	95.0	NA	0.0133 (U)	11.0	NA	NA	8.37	0.00433 (U)	NA	0.106 (U)	NA	NA	NA	NA	NA	NA	NA
<b>AREA #12 - FORMER GASOLINE SERVICE STATION w/ ONE GASOLINE TANK</b>																			
K-3@1	3/5/2014	16.4	NA	NA	0.205	2.27	NA	NA	13.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3@3'	5/5/2014	0.458 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3N1@1'	5/5/2014	1.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@1'	5/5/2014	8.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E1@3'	5/5/2014	0.453 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3E2@1'	5/5/2014	7.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3S1@1'	5/5/2014	12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs		2.1	120	120	82	210	150	53,000	400	3	340	410	26,000	4.2	2.9	2.9	0.06	2.8	0.06
Chapter 62-777, FAC DE-II SCTLs		12	130,000	1,400	1,700	470	89,000	*	1,400	17	35,000	8,200	630,000	22	15	15	0.3	14	0.3
Chapter 62-777, FAC LSCTLs		***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	11	11	0.2	9.6	0.002

TABLE 3D Soil Analytical Data Summary - Metals and Pesticides/Herbicides (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	DETECTED PARAMETERS																	
		Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	4,4'-DD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Aldrin (mg/kg)	Total Chlordane (mg/kg)	Dieldrin (mg/kg)
<b>AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS (con't)</b>																			
K-351@3'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-352@1'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@1'	5/5/2014	12.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W1@3'	5/5/2014	0.526 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-3W2@1'	5/5/2014	13.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9@7'	3/5/2014	1.88	NA	NA	0.0156 (U)	16.6	NA	7.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9@5'	4/29/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9@9'	4/29/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9N1@7'	4/29/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9N3@7'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9E1@7'	4/29/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9E2@7'	5/15/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9S1@7'	4/29/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9S3@7'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
K-9W3@7'	5/5/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>AREA #13 - FORMER AUTO REPAIR</b>																			
L-2@1'	5/13/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
L-5@1'	5/13/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Chapter 62-777, FAC DE-I SCTLs</b>		<b>2.1</b>	<b>120</b>	<b>120</b>	<b>82</b>	<b>210</b>	<b>150</b>	<b>53,000</b>	<b>400</b>	<b>3</b>	<b>340</b>	<b>410</b>	<b>26,000</b>	<b>4.2</b>	<b>2.9</b>	<b>2.9</b>	<b>0.06</b>	<b>2.8</b>	<b>0.06</b>
<b>Chapter 62-777, FAC DE-II SCTLs</b>		<b>12</b>	<b>130,000</b>	<b>1,400</b>	<b>1,700</b>	<b>470</b>	<b>89,000</b>	<b>*</b>	<b>1,400</b>	<b>17</b>	<b>35,000</b>	<b>8,200</b>	<b>630,000</b>	<b>22</b>	<b>15</b>	<b>15</b>	<b>0.3</b>	<b>14</b>	<b>0.3</b>
<b>Chapter 62-777, FAC LSCTLs</b>		<b>***</b>	<b>1,600</b>	<b>63</b>	<b>7.5</b>	<b>38</b>	<b>***</b>	<b>***</b>	<b>***</b>	<b>2.1</b>	<b>130</b>	<b>17</b>	<b>***</b>	<b>5.8</b>	<b>18</b>	<b>11</b>	<b>0.2</b>	<b>9.6</b>	<b>0.002</b>

- Notes:
1. mg/kg = Milligrams per kilogram or parts per million (ppm).
  2. NA = Not analyzed for stated parameter.
  3. U = Analyte not detected above the laboratory method detection limit (LMDL).
  4. I = Result is between the LMDL and the practical quantitation limit (PQL).
  5. FAC = Florida Administrative Code.
  6. DE-I SCTLs = Direct Exposure-Residential Soil Cleanup Target Levels.
  7. DE-II SCTLs = Direct Exposure-Commercial SCTLs.
  8. LSCTLs = Leachability SCTLs.
- Bolded values exceed Chapter 62-777, FAC criteria.**

**TABLE 4** Groundwater Analytical Data Summary (Detected Parameters Only)

**PROJECT:** City Soccer  
**CITY/COUNTY/STATE:** Orlando, Orange County, Florida  
**PSI PROJECT NO.:** 06631995

SAMPLE NAME	SAMPLE DATE	SAMPLE LOCATION	DETECTED PARAMETERS													
			Dichloroethene (cis-1,2) (µg/L)	Chloroform (µg/L)	Benzene (µg/L)	Trichloroethene (µg/L)	Toluene (µg/L)	Tetrachloroethene (µg/L)	Chlorobenzene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Isopropylbenzene (aka Cumene) (µg/L)	n-Propylbenzene (µg/L)	1,3,5-Triethylbenzene (µg/L)	tert-Butylbenzene (µg/L)	1,2,4-Triethylbenzene (µg/L)
MW-1	3/4/2014	M-5	0.2 (U)	0.2 (U)	560 (D10)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	69	26.5	14	44	87	1.4	120 (D10)
MW-2	3/4/2014	M-13	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-3	3/4/2014	C-5	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-4	3/4/2014	I-2	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-5	3/4/2014	A-4	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-6	3/4/2014	B-2	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-7	3/4/2014	C-1	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-8	3/11/2014	D-6	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-9	3/11/2014	G-4	1.8	0.9 (I)	0.5 (U)	11	0.5 (U)	106	0.5 (U)	1.0 (U)	3.3	0.4 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-10	3/11/2014	H-1	0.4 (I)	0.2 (U)	0.5 (U)	3.1	0.5 (U)	90	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-11	3/11/2014	E-2	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	1.4	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-12	3/11/2014	F-6	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-13	3/11/2014	K-1	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	1.1	1.0 (U)	3.3	0.4 (U)	0.5 (U)	0.5 (U)	0.7 (I)
MW-14	3/11/2014	K-9	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.7 (I)	0.2 (U)	0.2 (U)	180 (D10)	430 (D10)	91	0.4 (U)	210 (D10)	2.8	800 (D10)
MW-15	3/11/2014	J-7	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.8 (I)	1.0 (U)	1.2	0.4 (U)	5.0	0.5 (U)	1.3
MW-16	3/11/2014	K-10	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-17	3/11/2014	J-2	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-18	4/4/2014	J-10	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	1.4	0.5 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-19	5/9/2014	---	1.4	0.2 (I)	NA	17	NA	690 (D10)	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-20	5/8/2014	---	0.2 (U)	0.2 (U)	NA	0.2 (U)	NA	0.2 (U)	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-21	5/8/2014	---	0.2 (U)	0.2 (U)	NA	0.2 (U)	NA	19	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-22	5/9/2014	---	0.2 (U)	0.2 (U)	NA	0.2 (U)	NA	75	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-23D	5/9/2014	---	0.2 (U)	0.2 (U)	NA	0.2 (U)	NA	2.6	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-24	5/9/2014	---	0.2 (U)	0.3 (I)	NA	1.6	NA	43	0.2 (U)	NA	NA	NA	NA	0.5 (U)	NA	0.5 (U)
MW-25	5/9/2014	---	1.0 (U)	1.0 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-26	5/9/2014	---	1.0 (U)	1.0 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-27*	5/12/2014	---	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	17	0.2 (U)	1.0 (U)	17	0.5 (U)	20	30	0.5 (U)	5.2
MW-28	5/12/2014	---	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-29	5/12/2014	---	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
MW-30	5/12/2014	---	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	21	0.2 (U)	1.2 (I)	20	18	34	0.5 (U)	5.0	
MW-31	5/15/2014	---	0.2 (U)	0.6 (I)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	1.0 (U)	0.5 (U)	0.4 (U)	0.4 (U)	0.5 (U)	0.5 (U)	0.5 (U)
Chapter 62-777, FAC GCTLs			70	70	1	3	40	3	30	20	0.8	10	10	10	---	10
Chapter 62-777, FAC NADCs			700	700	100	300	400	300	300	1,000	8	100	100	100	---	100

TABLE 4 Groundwater Analytical Data Summary (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	SAMPLE LOCATION	DETECTED PARAMETERS													
			sec-Butylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	n-Butylbenzene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	Naphthalene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	2-Methylnaphthalene (µg/L)	1-Methylnaphthalene (µg/L)	Fluorene (µg/L)	Phenanthrene (µg/L)	TPH (mg/L)
MW-1	3/4/2014	M-5	4.1	3.3	100 (D10)	360 (D10)	9.9	62	72	140 (D10)/100 (D2)	48	27	15	0.14 (l)	0.22 (l)	7.1
MW-2	3/4/2014	M-13	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-3	3/4/2014	C-5	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/3.6 (U)	0.5 (U)	3.8 (U)	3.1 (U)	2.9 (U)	2.8 (U)	0.2 (U)
MW-4	3/4/2014	I-2	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-5	3/4/2014	A-4	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/3.6 (U)	0.5 (U)	3.8 (U)	3.1 (U)	2.9 (U)	2.8 (U)	0.2 (U)
MW-6	3/4/2014	B-2	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-7	3/4/2014	C-1	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-8	3/11/2014	D-6	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-9	3/11/2014	G-4	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-10	3/11/2014	H-1	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.3 (l)
MW-11	3/11/2014	E-2	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-12	3/11/2014	F-6	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-13	3/11/2014	K-1	0.8 (l)	0.2 (U)	0.1 (U)	0.1 (U)	0.7 (l)	0.1 (U)	0.2 (U)	8.7 / 2.8	0.5 (U)	0.57	0.85	0.10 (U)	0.10 (U)	4.3
MW-14	3/11/2014	K-9	16	24	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	130 (D10) / 80 (D2)	0.5 (U)	28	22	0.10 (U)	0.10 (U)	7.1
MW-15	3/11/2014	J-7	0.5 (U)	1.4	0.1 (U)	0.1 (U)	1.2	0.1 (U)	0.2 (U)	2.0 (U)/0.61	0.5 (U)	0.60	0.55	0.10 (U)	0.10 (U)	0.4 (l)
MW-16	3/11/2014	K-10	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-17	3/11/2014	J-2	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-18	4/4/2014	J-10	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-19	5/9/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-20	5/8/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-21	5/8/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-22	5/9/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-23D	5/9/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-24	5/9/2014	---	NA	NA	0.5 (U)	0.5 (U)	NA	0.5 (U)	NA	NA/NA	NA	NA	NA	NA	NA	NA
MW-25	5/9/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	0.4 (l)	0.5 (U)	0.1 (U)	1.8	2.0 (U)/0.10 (U)	0.7 (l)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-26	5/9/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	1.1	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/1.3	0.7 (l)	0.47 (l)	0.8	0.10 (U)	0.10 (U)	0.2 (U)
MW-27*	5/12/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	3.5	0.1 (U)	5.2	47/23	0.5 (U)	12	9.6	0.10 (U)	0.10 (U)	1.1
MW-28	5/12/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-29	5/12/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
MW-30	5/12/2014	---	4.6	2.8	0.1 (U)	0.1 (U)	2.6	0.1 (U)	0.2 (U)	36/11	0.5 (U)	8.2	3.5	0.10 (U)	0.10 (U)	2.2
MW-31	5/15/2014	---	0.5 (U)	0.2 (U)	0.1 (U)	0.1 (U)	0.5 (U)	0.1 (U)	0.2 (U)	2.0 (U)/0.10 (U)	0.5 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.10 (U)	0.2 (U)
Chapter 62-777, FAC GCLs			280	---	210	75	---	600	70	14	70	28	28	280	210	5
Chapter 62-777, FAC NADCS			2,800	---	2,100	7,500	---	6,000	700	140	700	280	280	2,800	2,100	50

TABLE 4 Groundwater Analytical Data Summary (Detected Parameters Only)

PROJECT: City Soccer  
 CITY/COUNTY/STATE: Orlando, Orange County, Florida  
 PSI PROJECT NO.: 06631995

SAMPLE NAME	SAMPLE DATE	SAMPLE LOCATION	DETECTED PARAMETERS												
			Barium (µg/L)	Cadmium (µg/L)	Dissolved Cadmium (µg/L)	Chromium (µg/L)	Dissolved Chromium (µg/L)	Copper (µg/L)	Iron (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Selenium (µg/L)			
MW-1	3/4/2014	M-5	NA	0.170 (U)	NA	1.55 (I)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-2	3/4/2014	M-13	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-3	3/4/2014	C-5	9.21 (I)	0.170 (U)	NA	6.04 (I)	NA	NA	NA	94	NA	2.45 (I)	NA	NA	
MW-4	3/4/2014	I-2	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-5	3/4/2014	A-4	12.8	0.170 (U)	NA	1.30 (U)	NA	NA	NA	32.9 (I)	NA	2.20 (U)	NA	NA	
MW-6	3/4/2014	B-2	NA	0.170 (U)	NA	2.13 (I)	NA	NA	NA	NA	NA	2.53 (I)	NA	NA	
MW-7	3/4/2014	C-1	NA	0.348 (I)	0.427 (I)	11.3	1.30 (U)	NA	NA	NA	NA	3.75 (I)	2.20 (U)	NA	
MW-8	3/11/2014	D-6	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-9	3/11/2014	G-4	NA	1.55	NA	1.30 (U)	NA	NA	1.03 (I)	NA	NA	2.20 (U)	NA	NA	
MW-10	3/11/2014	H-1	28.3	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	7.01 (I)	
MW-11	3/11/2014	E-2	NA	0.317 (I)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-12	3/11/2014	F-6	NA	0.212 (I)	NA	1.30 (U)	NA	NA	NA	NA	NA	6.29 (I)	NA	NA	
MW-13	3/11/2014	K-1	NA	0.170 (U)	NA	1.48 (I)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-14	3/11/2014	K-9	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-15	3/11/2014	J-7	NA	0.170 (U)	NA	1.41 (I)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-16	3/11/2014	K-10	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-17	3/11/2014	J-2	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.20 (U)	NA	NA	
MW-18	4/4/2014	J-10	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	NA	NA	2.83 (I)	NA	NA	
MW-19	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-20	5/8/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-21	5/8/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-22	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-23	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-24	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-25	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-26	5/9/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-27*	5/12/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-28	5/12/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-29	5/12/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-30	5/12/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-31	5/15/2014	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<b>Chapter 62-777, FAC GCTLs</b>			<b>2,000</b>	<b>5</b>		<b>100</b>				<b>1000</b>	<b>300</b>	<b>15</b>	<b>15</b>	<b>50</b>	
<b>Chapter 62-777, FAC NADCS</b>			<b>20,000</b>	<b>50</b>		<b>1,000</b>				<b>10,000</b>	<b>3,000</b>	<b>150</b>	<b>150</b>	<b>500</b>	

Notes:  
 1. µg/L = Micrograms per liter or parts per billion (ppb).  
 2. TPH = Total Petroleum Hydrocarbons.  
 3. mg/kg = Milligrams per kilogram or parts per million (ppm).  
 4. U = Analyte not detected above the laboratory method detection limit (LMDL).  
 5. D = Data reported from a dilution.  
 6. I = Laboratory analytical result between the LMDL and the practical quantitation limit (PQL).  
 7. NA = Not analyzed for stated test parameter.  
 8. / = Naphthalene results reported from EPA Method 8260 / EPA Method 8270 analysis.  
 9. FAC = Florida Administrative Code.  
 10. GCTLs = Groundwater Cleanup Target Levels.  
 11. --- = No established regulatory criteria at this time.  
 12. NADCS = Natural Attenuation Default Concentrations.  
 13. \* = 4-Chlorotoluene detected in the groundwater sample collected from MW-27 at a concentration of 0.6 (I) µg/L.  
**Bolded values exceed Chapter 62-777, FAC criteria.**

## **FIGURES**





**Legend**

- Subject Property
- Assessment Areas
- Former Magnetek Property Area of Investigation
- Surface Conditions
- Former Hydraulic Lift
- Fill Port
- Generator
- Monitoring Wells
- GT = Gasoline Tanks



0 50 100 Feet  
1 inch = 100 feet.

06631995  
225294E/26  
5/30/2014

PSI Information  
No Build On  
Information only - Not for Construction

City of Orlando  
225294E/26  
5/30/2014

City Soccer  
TWO CITY BLOCKS, DOWNTOWN ORLANDO  
ORLANDO, ORANGE COUNTY, FLORIDA

FOR: CITY OF ORLANDO

REC/Site Map  
Figure 2

REFERENCE: THE CITY OF ORLANDO WEST, FLA. USGS QUADRANGLE WAS OBTAINED FROM LABRIS. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT Warrant FOR DESIGN, LEGAL, OR ANY OTHER USES. PSI INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THIS INFORMATION.



**Legend**

- Subject Property
- Assessment Areas
- Former Magnatek Property Area of Investigation
- Approximate Soil Boring/Sample Location Field Screened with OVA-FIDPID
- Approximate Soil Boring Location Field Screened with OVA-FIDPID
- Approximate Shallow Monitoring Well Location
- Approximate Deep Monitoring Well Location
- Approximate Piezometer Location
- Approximate Shallow Monitoring Well Location (Magnatek Project)
- Groundwater Elevation Contour (88.85)
- Relative Groundwater Elevation (in feet)
- Estimated Groundwater Flow Direction

REF ID: A174

DATE CREATED: 5/30/2014

PROJECT: 22S/28E/28

SCALE: 1" = 100' FEET

DATE: 5/30/2014

PROJECT: 22S/28E/28

SCALE: 1" = 100' FEET

DATE: 5/30/2014

Win 125 office access  
One Company One Call  
1163 31st Street  
Orlando, FL 32839  
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**CITY SOCCER**

TWO CITY BLOCKS, DOWNTOWN ORLANDO  
ORLANDO, ORANGE COUNTY, FLORIDA

FOR: CITY OF ORLANDO

Sample Location Map

Figure 3



**Legend**

- Subject Property
- Assessment Areas
- Former Magnetek Property Area of Investigation
- Approximate Soil Boring Location
- Estimated Extent of Chapter 62-777, FAC Exceedences (dashed were in red).

Sample ID: 2012-001  
 Date: 06/20/14  
 Location: 1748.33rd Street  
 City: Orlando  
 State: FL  
 County: Orange  
 Project: City Soccer

U = Analyte not detected above the laboratory method detection limit (MDL).  
 I = Result is between the MDL and the practical quantitation limit (PQL).  
 J = Estimated value.  
 M = Not calculated.  
 NA = Not available.  
 Criteria exceeding Chapter 62-777, FAC criteria is shown in RED.



REFERENCE: THE 2012 AERIAL PHOTOGRAPH WAS OBTAINED FROM LABINS. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT MEANT FOR DESIGN, LEGAL, OR ANY OTHER USES. PCL, INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.

**CITY SOCCER**  
 TWO CITY BLOCKS, DOWNTOWN ORLANDO  
 ORLANDO, ORANGE COUNTY, FLORIDA  
 FOR: CITY OF ORLANDO

Soil Concentration & Parameters Exceeding Criteria (Only)  
 Figure 4

06631995  
 2251/29/2726  
 DATE CREATED  
 6/2/2014



With 125 offices across North America, One-Company, One-Call  
 1748.33rd Street  
 Orlando, FL 32819  
 (407)304-5500  
 (407)304-5561 fax



**Legend**

- Subject Property
- Assessment Areas
- Former Magnetek Property Area of Investigation
- Approximate Soil Boring Location
- Estimated Extent of Chapter 62-777, FAC Exceedences (dashed were inferred)

U = Analyte not detected above the laboratory method detection limit (MDL)  
 J = Result is between the MDL and the practical quantitation limit (PQL)  
 J = Estimated value  
 NC = Not Calculated  
 NA = Not Analyzed  
 Criteria exceeding Chapter 62-777, FAC criteria is shown in RED



Wh 125 Office across  
 North America  
 One Company One Call  
 1748 33rd Street  
 Orlando, FL 32817  
 (407)304-5500  
 (407)304-5501 fax

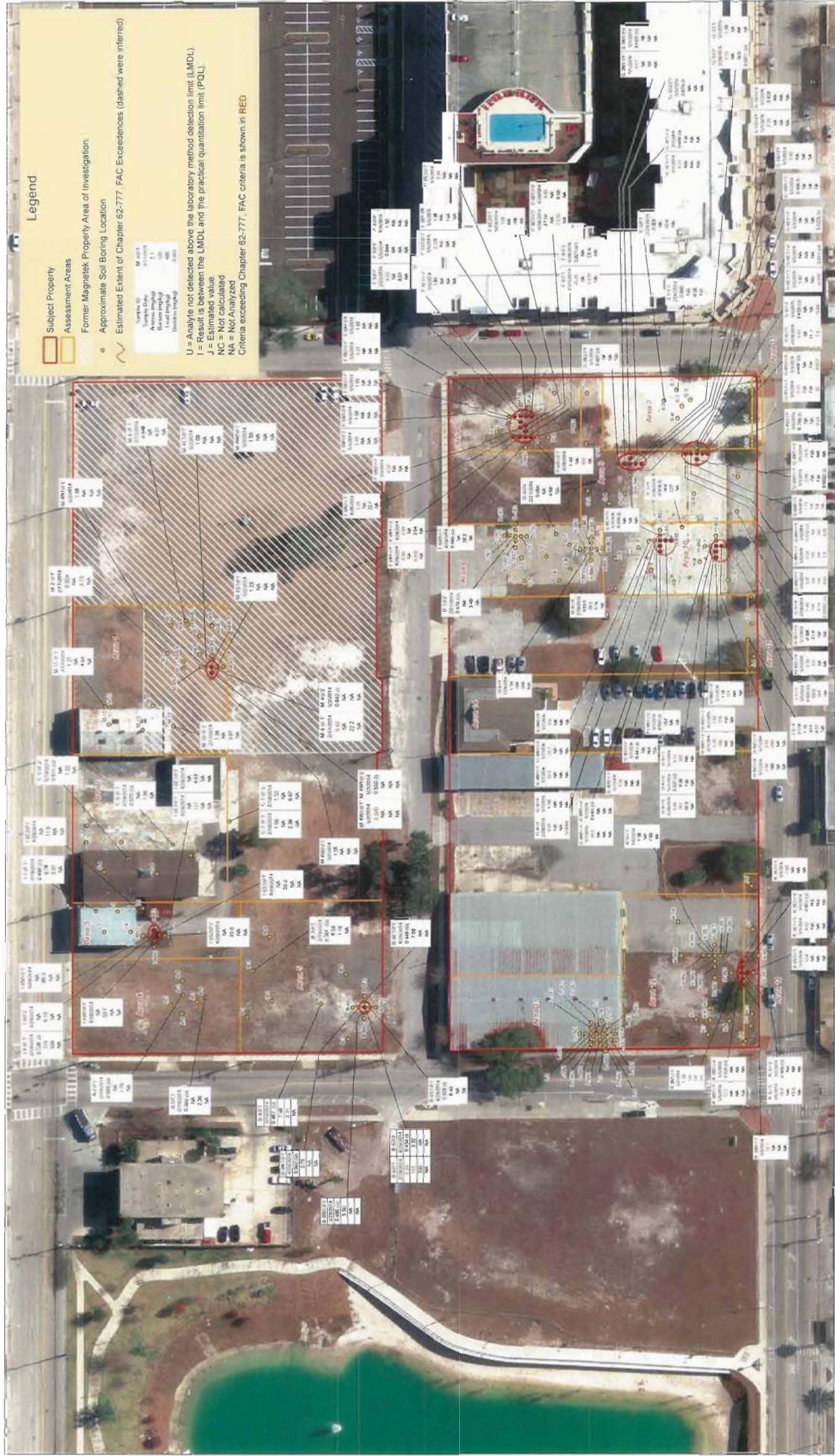
06631995  
 225/29E/26  
 DATE CREATED  
 6/2/2014

**CITY SOCCER**

TWO CITY BLOCKS, DOWNTOWN ORLANDO  
 ORLANDO, ORANGE COUNTY, FLORIDA  
 FOR: CITY OF ORLANDO

Soil Concentration Map Reference Exceeding Criteria Only  
 Figure 5

REFERENCE: THE 2012 AERIAL PHOTOGRAPH WAS OBTAINED FROM LABINS. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT MEANT FOR DESIGN, LEGAL, OR ANY OTHER USES. PSI, INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.



**Legend**

- Subject Property
- Assessment Areas
- Former Magratak Property Area of Investigation
- Approximate Soil Boring Location
- Estimated Extent of Chapter 62-777, FAC Exceedences (dashed where inferred)

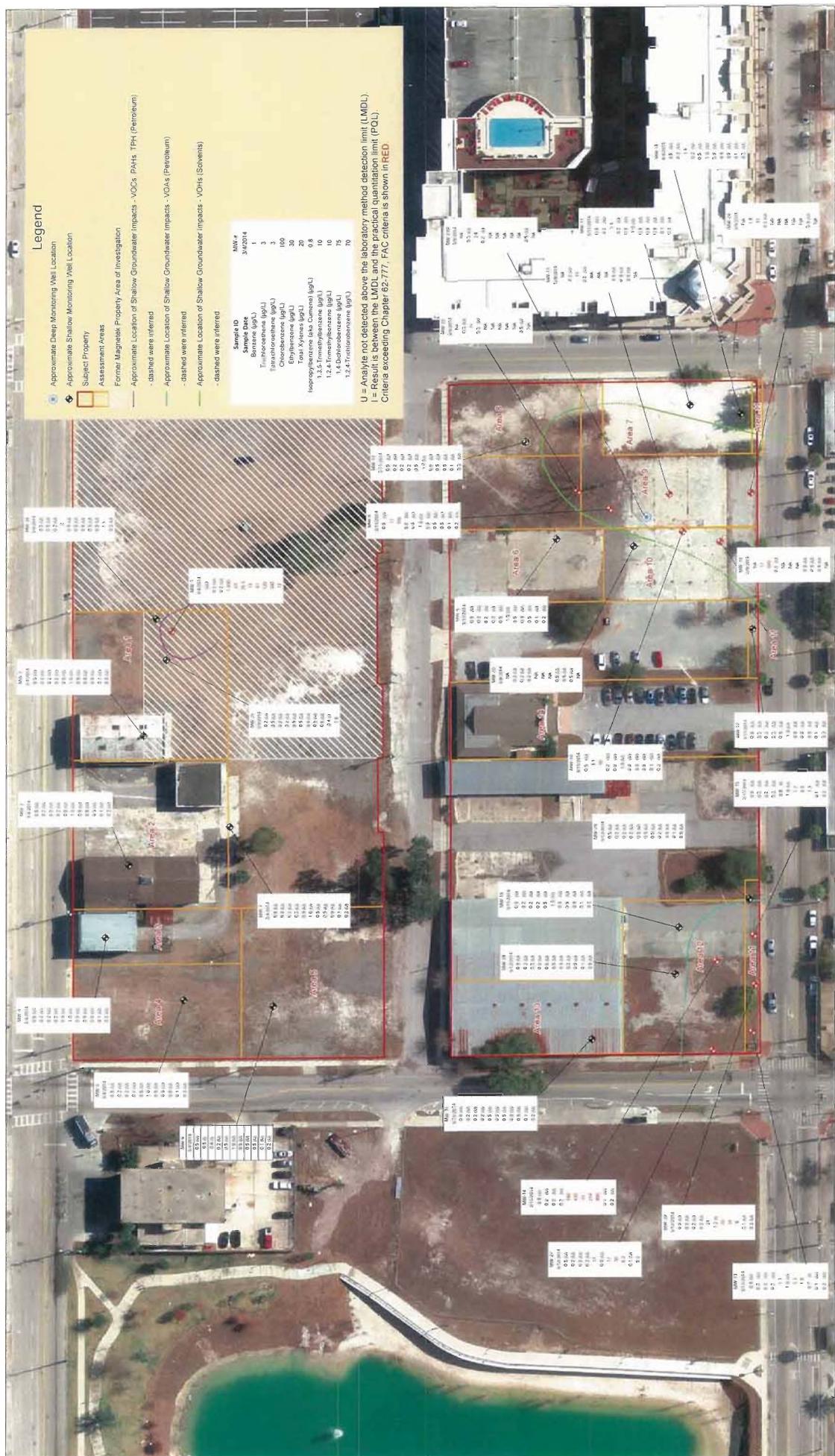
U = Analyte not detected above the laboratory method detection limit (LMDL).  
 J = Result is between the LM DL and the practical quantitation limit (PQL).  
 NC = Not calculated.  
 NA = Not Analyzed.  
 Criteria exceeding Chapter 62-777, FAC criteria is shown in RED.

<p>PROJECT NO: 0663195E</p> <p>TOWN/SHEET: 26S/29E/26</p> <p>DISTRICT: DISTRICT 1</p> <p>DATE: 6/2/2014</p>	<p>Win 125 #604 across North America One Company, One Call 1148 33rd Street Orlando, FL 32839 (407)354-5599 (407)354-5551 fax</p> <p><b>PSI</b> Information <i>to Build On</i> Engineering, Consulting, Training</p>	<p style="text-align: center;"><b>CITY SOCCER</b></p> <p style="text-align: center;">TWO CITY BLOCKS, DOWNTOWN ORLANDO ORLANDO, ORANGE COUNTY, FLORIDA</p> <p style="text-align: center;">FOR: CITY OF ORLANDO</p>
---	--	--

REFERENCE: THE 2012 AERIAL PHOTOGRAPH WAS OBTAINED FROM LAGINS. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT MEANT FOR DESIGN, LEGAL, OR ANY OTHER USES. PSI INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.



Figure 6

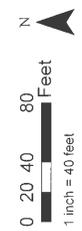


**Legend**

- Approximate Deep Monitoring Well Location
- Approximate Shallow Monitoring Well Location
- Subject Property
- Assessment Areas
- Former Magalek Property Area of Investigation
- Approximate Location of Shallow Groundwater Impacts - VOCs (Petroleum) - dashed were inferred
- Approximate Location of Shallow Groundwater Impacts - VOCs (Petroleum) - dashed were inferred
- Approximate Location of Shallow Groundwater Impacts - VOCs (Solvents) - dashed were inferred

Sample ID	MM#
Benzene (µg/L)	1
Toluene (µg/L)	3
Trichloroethane (µg/L)	100
Chlorobenzene (µg/L)	30
Ethylbenzene (µg/L)	0
Isopropylbenzene (µg/L)	10
1,3,5-Trimethylbenzene (µg/L)	10
1,2,4-Trimethylbenzene (µg/L)	75
1,2-Dichlorobenzene (µg/L)	70
1,2,4-Trichlorobenzene (µg/L)	70

U = Analyte not detected above the laboratory method detection limit (LMDL)  
 I = Result is between the LMDL and the practical quantitation limit (POL)  
 Criteria exceeding Chapter 62-777, FAC criteria is shown in RED



PROJECT NO  
 06631995  
 DRAWING NO  
 22S/29E/26  
 DATE CREATED  
 5/29/14

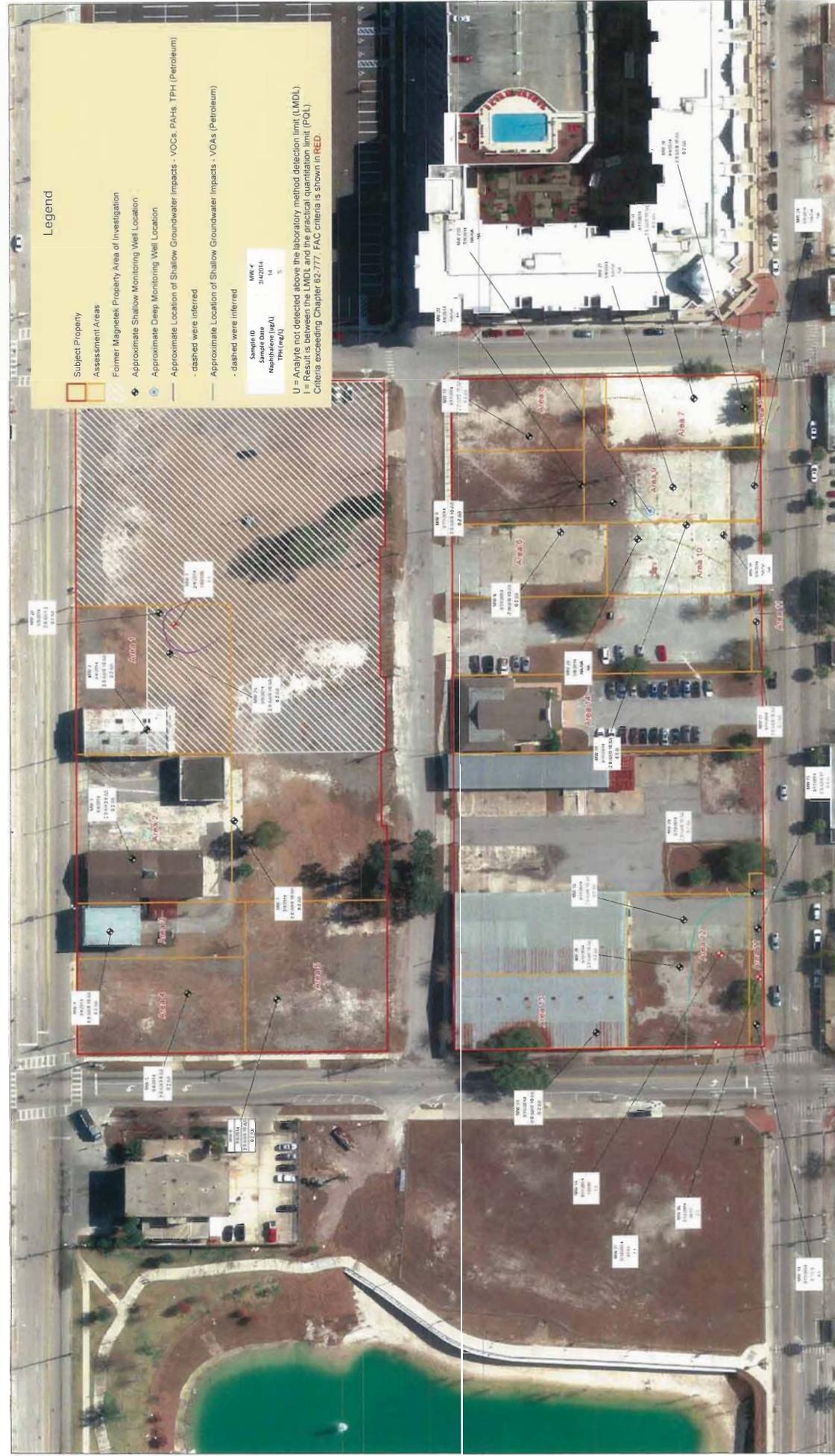
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 (407)304-5561 fax

WHI 126, 566x across  
 North America  
 One Company. One Call.  
 17483346 Street  
 Orlando, Florida 32819  
 (407)304-5500  
 (407)304-5561 fax

Groundwater  
 Monitoring  
 Map - VOCs  
 (Parameters  
 Exceeding  
 Criteria Only)  
 Figure 7

REFERENCE: THE 2012 AERIAL PHOTOGRAPH WAS OBTAINED FROM LABRIS. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT MEANT FOR DESIGN, LEGAL, OR ANY OTHER USES. PSI, INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.

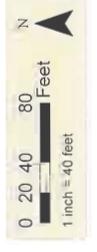


**Legend**

- Subject Property Assessment Areas
- Former Magnetek Property Area of Investigation
- Approximate Shallow Monitoring Well Location
- Approximate Deep Monitoring Well Location
- Approximate Location of Shallow Groundwater Impacts - VOCs, PAHs, TPH (Petroleum) - dashed were inferred
- Approximate Location of Shallow Groundwater Impacts - VOAs (Petroleum) - dashed were inferred

Well ID	MW #	Sample Date	Depth (ft)	Depth (m)
Example	1	3/4/2014	14	4.27

U = Analyte not detected above the laboratory method detection limit (MDL)  
 I = Result is between the MDL and the practical quantitation limit (PQL)  
 Criteria exceeding Chapter 62-777, FAC criteria is shown in RED.



PROJECT NO:  
06631995  
DATE: 5/29/2014

WIN THE ACCESS  
ONE COMPANY, ONE CALL  
1745 3rd Street  
Orlando, FL 32839  
(407)442-5569 Fax



**CITY SOCCER**  
 TWO CITY BLOCKS, DOWNTOWN ORLANDO  
 ORLANDO, ORANGE COUNTY, FLORIDA  
 FOR: CITY OF ORLANDO

Groundwater Concentration Map (Parameters Exceeding Criteria Only)  
 Figure 8

REFERENCE: THE 2012 AERIAL PHOTOGRAPH WAS OBTAINED FROM LARINE. THE PRESENTED DATA IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT MEANT FOR DESIGN, LEGAL, OR ANY OTHER USES. PSI, INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.



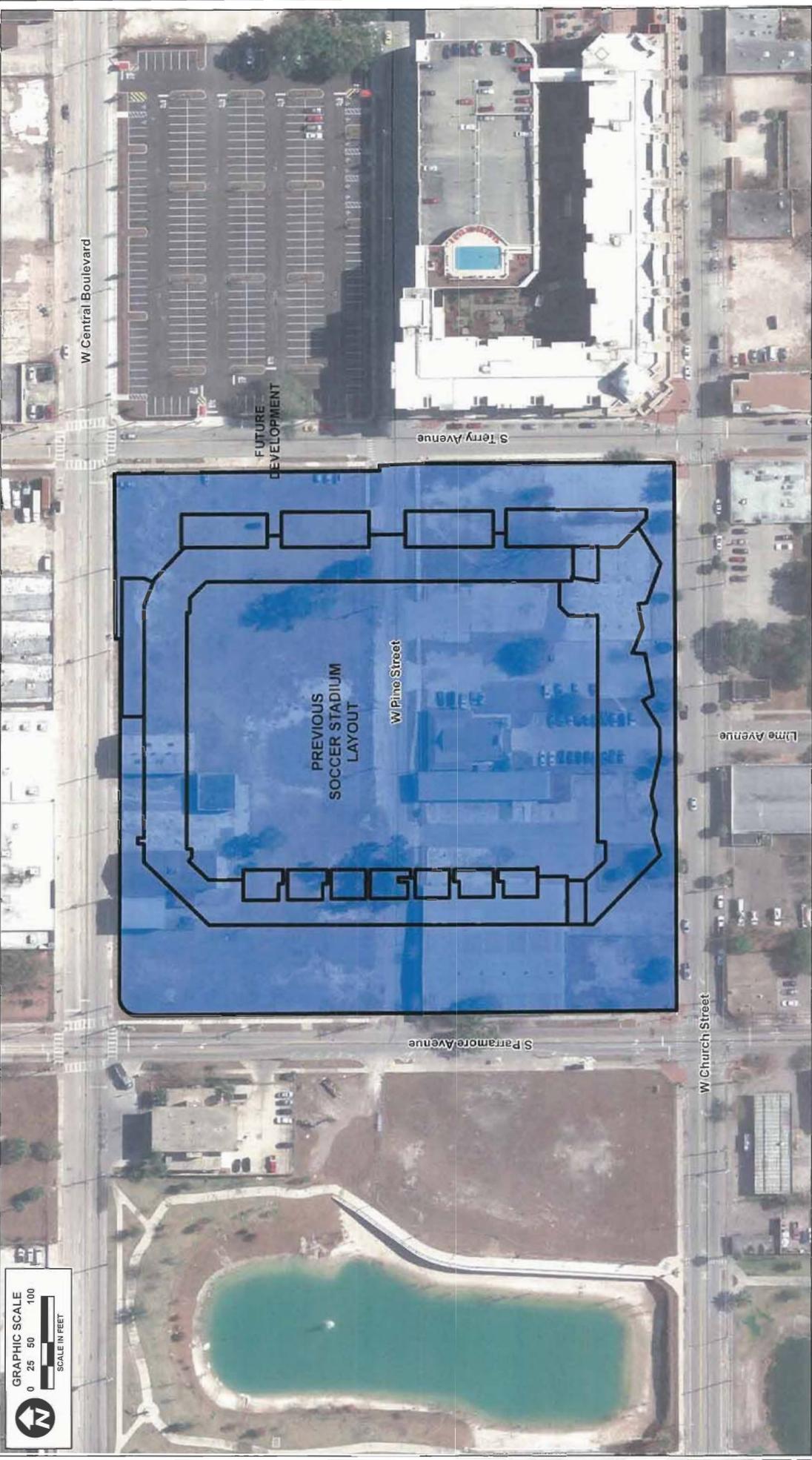


FIGURE 10  
 PREVIOUS SOCCER STADIUM LAYOUT  
 CITY OF ORLANDO, ORANGE COUNTY, FLORIDA  
 SECTION 26, TOWNSHIP 22S, RANGE 29E  
 SOURCE: FDOT, 2012; ECT, 2014

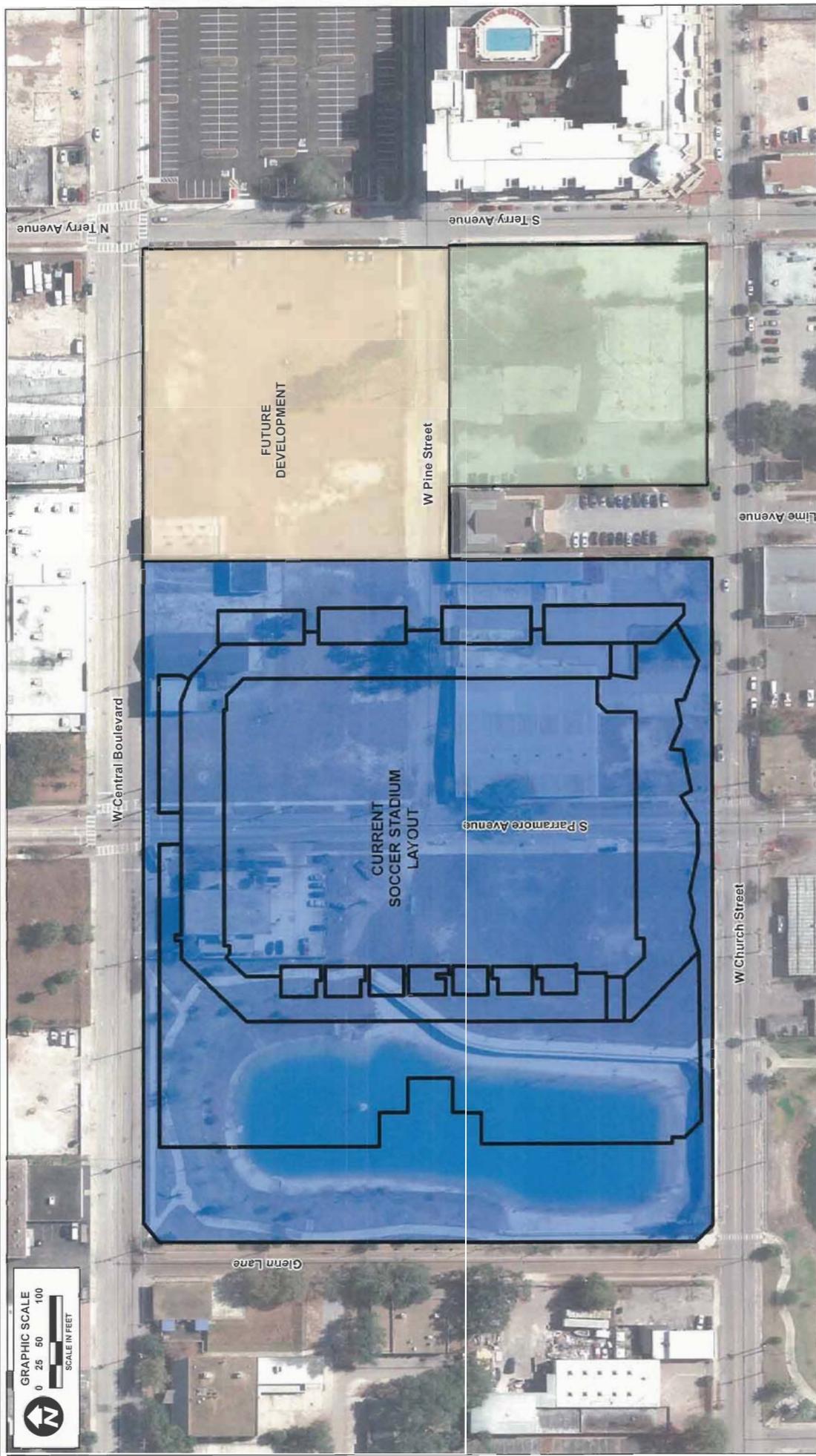


FIGURE 11.  
 CURRENT SOCCER STADIUM LAYOUT  
 CITY OF ORLANDO, ORANGE COUNTY, FLORIDA  
 SECTION 26, TOWNSHIP 22S, RANGE 29E  
 SOURCE: FDOT, 2012; ECT, 2014

## **APPENDIX A**

**Form FD 9000-8: Field Instrument Calibration Records**

PSI PROJECT NAME: City Soccer

PSI PROJECT NO: 06631995

INSTRUMENT (MAKE/MODEL#) MiniRAE PID / TWA-1000 INSTRUMENT # 590-903042/0115248496

PARAMETER(S) (check only one):

- TEMPERATURE     CONDUCTIVITY     SALINITY     pH  
 TURBIDITY     RESIDUAL Cl     DO     OTHER PID/OTD     ORP

**STANDARDS:** [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 100 ppm Lot # L76272-RR-CM Exp 7/2015

Standard B 95 ppm Lot # L76262-RR-CM Exp 11/2015

Standard C Ambient Air 0 ppm

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
14/02/17	0820	C	0	0.0	—	Yes	Cont	sd
"	0821	A	100	99.2	0.8	"	"	sd
"	0827	C	0	0.72	—	"	"	sd
"	0829	B	95	98.10	3.2	"	"	sd
"	1700	C	0	0.0	—	"	"	sd
"	1701	A	100	82.0	18	No	"	sd
"	1703	C	0	0.20	—	Yes	"	sd
"	1705	B	95	95.24	0.2	"	"	sd
14/02/18	0817	C	0	0.0	—	"	"	sd
"	0818	A	100	98.8	1.2	"	"	sd
"	0819	C	0	0.76	—	"	"	sd
"	0820	B	95	97.41	2.5	"	"	sd
"	1635	C	0	0.0	—	"	"	sd
"	1636	A	100	87.3	12.7	No	"	sd
"	1644	C	0	0.06	—	Yes	"	sd
"	1645	B	95	93.21	1.9	"	"	sd
14/02/19	0815	C	0	0.0	—	"	"	sd
"	0816	A	100	101.9	1.9	"	"	sd
"	0819	C	0	0.13	—	"	"	sd
"	0820	B	95	91.74	3.4	"	"	sd
"	1670	C	0	0.0	—	"	"	sd
"	1621	A	100	89.6	10.4	"	"	sd
"	1622	C	0	0.00	—	"	"	sd
"	1623	B	95	94.75	—	"	"	sd

**Form FD 9000-8: Field Instrument Calibration Records**

PSI PROJECT NAME: City Soccer *before WA-1000*

PSI PROJECT NO: 06631995

INSTRUMENT (MAKE/MODEL#) *Mettler AB104*

INSTRUMENT # *590-90342/01524048*

PARAMETER(S) (check only one):

- TEMPERATURE     CONDUCTIVITY     SALINITY     pH  
 TURBIDITY     RESIDUAL CI     DO     OTHER *WA TTD/FID*

**STANDARDS:** [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A *100 ppm Lot # LTL272-13R-CM Exp 2/2015*

Standard B *95 ppm Lot # LTL262-RR-CM Exp 11/2015*

Standard C *Ambient Air 0ppm*

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
14/07/20	0950	C	0.0	0.0	—	Yes	Cont	<i>del</i>
"	0951	A	100	104.3	4.3	"	"	<i>del</i>
"	0953	C	0.0	0.00	—	"	"	<i>del</i>
"	0954	B	95	94.77	0.2	"	"	<i>del</i>
"	1432	C	0.0	0.0	—	"	"	<i>del</i>
"	1433	A	100	95.1	4.9	"	"	<i>del</i>
"	1440	C	0.0	0.45	—	"	"	<i>del</i>
"	1441	B	95	94.45	0.6	"	"	<i>del</i>
14/07/21	0840	C	0	0.0	—	"	"	<i>del</i>
"	0841	A	100	106.5	6.5	"	"	<i>del</i>
"	0844	C	0.0	0.00	—	"	"	<i>del</i>
"	0845	B	95	96.19	1.2	"	"	<i>del</i>
"	1535	C	0	0.0	—	"	"	<i>del</i>
"	1536	A	100	98.16	1.8	"	"	<i>del</i>
"	1539	C	0	0.00	—	"	"	<i>del</i>
"	1540	B	95	94.27	0.8	"	"	<i>del</i>
14/07/24	0815	C	0.	0.0	—	"	"	<i>del</i>
"	0816	A	100	109.8	9.8	"	"	<i>del</i>
"	0817	C	0	0.50	—	"	"	<i>del</i>
"	0819	B	95	92.44	2.69	"	"	<i>del</i>





**Form FD 9000-8: Field Instrument Calibration Records**

PSI PROJECT NAME: City Soccer

PSI PROJECT NO: 06631995

**INSTRUMENT (MAKE/MODEL#)** MiniRAE Lite / TMA-100 **INSTRUMENT #** 910-903042/0115248:196

**PARAMETER(S)** (check only one):

- TEMPERATURE     CONDUCTIVITY     SALINITY     pH  
 TURBIDITY     RESIDUAL Cl     DO     OTHER OVA-PID/FID

**STANDARDS:** [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 0 ppm Ambient Air

Standard B 95 ppm Lot # LTA024-RR-CA Exp 1/2017

Standard C 100 ppm Lot # LTA024-RR-CA Exp 2/2015

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
14/2/28	0845	A	0	0.00	—	Yes	Cont	SP
"	0846	B	95	94.87	0.1	"	"	SP
"	0848	A	0	0.0	—	"	"	SP
"	0849	C	100	105.6	5.6	"	"	SP
14/2/28	1607	A	0	0.00	—	"	"	SP
"	1608	B	95	95.27	1.8	"	"	SP
"	1610	A	0	0.0	—	"	"	SP
"	1611	C	100	97.3	2.7	"	"	SP
14/3/15	0820	A	0	0.0	—	"	"	SP
"	0821	B	95	<del>96.8</del> <del>100.2</del>		"	"	SP
"	0824	A	0	0.0	—	"	"	SP
"	0825	C	100	96.8	<del>100.2</del>	"	"	SP
"	0955	A	0	0.00	—	"	"	SP
"	0957	B	95	91.35	0.7	"	"	SP
"	0958	A	0	0.0	—	"	"	SP
"	0959	C	100	100.2	0.2	"	"	SP





# SOIL OVA SAMPLE DATA

DATE: 2/17/2014		PROJECT NAME: City Soccer		SHEET 1	OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <u>MIRALTE-LE-SS-50302</u>		CALIBRATION DATE/STANDARD: <u>0.95 TIC 0.01 2/17/14</u>		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> ZIP-LOC			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> CORER			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE			
<input checked="" type="checkbox"/> AIR DRY		<input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				HYDROCARBON (TOTAL-METHANE)
	1'	0.52		0.52		None	Brown fgs
	2'	0.50		0.50		"	Tan fgs
	3'	0.48		0.48		"	"
	4'	0.44		0.44		"	"
	5'	0.55		0.55		"	Orange Tan fgs
	7'	0.04		0.04		"	"
	9'	0.07		0.07		"	"
	11'	0.02		0.02		"	Brown fgs moist
	15'	0.02		0.02		"	"
	14'	0.03		0.03		"	"
	1'	0.45		0.45		Sl. R. odor	Tan fgs wet
	2'	0.51		0.51		None	Brown fgs
	3'	0.50		0.50		"	Grey fgs
	4'	0.48		0.48		"	Tan fgs
	5'	0.42		0.42		"	"
	7'	0.21		0.21		None	Orange Tan fgs
	4'	0.32		0.32		"	Tan fgs
	11'	0.24		0.24		"	"
	13'	0.12		0.12		"	" moist
	14'	0.09		0.09		"	" wet

PREPARED BY: A. Acosta

Back ground - 0.89

6.

4

6.

# SOIL OVA SAMPLE DATA

SHEET <u>2</u> OF <u>59</u>							
PROJECT NO: 06631995							
PROJECT NAME: City Soccer							
DATE: <u>10/11/14</u>							
PROJECT NAME: City Soccer							
CALIBRATION DATE/STANDARD: <u>0.95, 1.00, 1.01, 2.02, 4.04</u>							
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input checked="" type="checkbox"/> OTHER <u>3.0L</u>							
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER <input checked="" type="checkbox"/> OTHER <u>bagged</u>							
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE							
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY							
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
M-3	1'	0.50	—	0.50	None	—	Brown fs "
	2'	0.69	—	0.69	"	—	"
	3'	0.87	—	0.87	"	—	Tan fs "
	4'	0.88	—	0.88	"	—	"
	5'	0.72	—	0.72	"	—	"
	7'	0.04	—	0.04	OD	—	Like tan fs "
	9'	0.12	—	0.12	OD	—	Tan fs "
	11'	0.23	—	0.23	OD	—	" "
	13'	0.08	—	0.08	OD	—	" "
	14'	0.12	—	0.12	OD	—	" "
M-4	1'	0.56	—	0.56	Neutral Odor	—	15 tan fs "
	2'	0.13	—	0.13	None	—	" "
	3'	0.49	—	0.49	"	—	Tan fs "
	4'	0.02	—	0.02	"	—	White fs "
	5'	0.02	—	0.02	"	—	" "
	7'	0.22	—	0.22	"	—	" "
	8'	0.07	—	0.07	"	—	Red-brown fs "
	11'	0.12	—	0.12	"	—	Tan fs " moist
	12'	0.06	—	0.06	"	—	" " wet
	14'	0.13	—	0.13	Y	—	" " wet

PREPARED BY: A. Carter

Protegeant ~ 1.00

# SOIL OVA SAMPLE DATA

DATE: 2/11/14		PROJECT NAME: City Soccer		SHEET 3 OF 59			
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: M-6111111111		CALIBRATION DATE/STANDARD: 01/21/14		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR		ZIP-LOC		OTHER: 3-061			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		ANALYTE FREE FINAL RINSE		<input type="checkbox"/> TAP WATER FINAL RINSE			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE		<input checked="" type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE DEPTH	FLAME IONIZATION DETECTOR (FID)			EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)			
M-5	1"	0.02	0.02	0.02	0.0	Blue	Blue fgs soil
	2"	0.04	0.04	0.04	0.0	"	Grey-Blue fgs
	3"	0.02	0.02	0.02	0.0	"	Tan fgs
	4"	0.02	0.02	0.02	0.0	"	"
	5"	0.02	0.02	0.02	0.0	"	"
	7"	0.18	0.18	0.18	0.0	"	Orange fgs
	9"	0.45	0.45	0.45	0.0	"	Tan fgs
	11"	1.72	1.72	1.72	2.4	"	Orange fgs wet
	13"	1.54	1.54	1.54	1.9	"	"
	14"	18.45	0.02	18.43	30.7	dry, Pet	Tan fgs wet
M-6	1"	0.10	0.10	0.10	0.0	Blue	Blue fgs
	2"	0.20	0.20	0.20	0.0	"	Tan fgs
	3"	0.02	0.02	0.02	0.0	"	"
	4"	0.03	0.03	0.03	0.0	"	"
	5"	0.02	0.02	0.02	0.0	"	"
	7"	0.04	0.04	0.04	0.0	"	Orange-Tan fgs
	8"	0.01	0.01	0.01	0.0	"	Tan fgs
	11"	0.01	0.01	0.01	0.0	Organics	Orange-Blue fgs
	13"	0.02	0.02	0.02	0.0	"	"
	14"	0.01	0.01	0.01	0.0	"	Blue fgs
PREPARED BY: A. Neesk							

# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 41 OF 59			
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <i>Alconox Life 50-90342</i> / <i>Isone Tilt-100 0152284</i> CALIBRATION DATE/STANDARD: <i>CF-157 100 gm 2/17/14</i>		<input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER <i>Sub</i>			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE		<input checked="" type="checkbox"/> OTHER <i>Composite</i>			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
M-7	1'	0.03	—	0.03	None	—	Brown BS
	2'	0.02	—	0.02	"	—	Tan BS
	3'	0.03	—	0.03	"	—	"
	4'	0.01	—	0.01	"	—	"
	5'	0.02	—	0.02	"	—	"
	2'	0.15	—	0.15	"	—	"
	2'	0.02	—	0.02	"	—	"
	11'	0.07	—	0.02	"	—	"
	13'	0.20	—	0.02	"	—	Brown BS
	14'	0.10	—	0.10	"	—	"
M-8	1'	0.03	—	0.03	None	—	Brown BS
	2'	0.03	—	0.03	"	—	"
	3'	0.02	—	0.02	"	—	"
	4'	0.02	—	0.02	"	—	"
	5'	0.01	—	0.01	"	—	"
	7'	0.01	—	0.01	"	—	"
	7'	0.01	—	0.01	"	—	"
	11'	0.17	—	0.17	"	—	"
	13'	0.10	—	0.10	"	—	Brown BS
	14'	0.10	—	0.10	"	—	Tan BS wet moist

PREPARED BY: *M. A. Speltz*

*Background 0.01*

# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 5	OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini RAE L1R 310-903012 TWA-1000 015248496		CALIBRATION DATE/STANDARD: 01/25/14 (10/1/14) 2/12/14		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> ZIP-LOC			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> CORER			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input type="checkbox"/> DIST/DEION FINAL RINSE			
<input checked="" type="checkbox"/> 2 JAR		<input type="checkbox"/> 1 JAR		<input type="checkbox"/> 2 JAR			
<input checked="" type="checkbox"/> OTHER Solenoids		<input type="checkbox"/> OTHER Solvent		<input checked="" type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
M-9	1'	0.02	—	0.02	None	—	Blue fs
	2'	0.20	—	0.20	"	—	Dark tan fs
	3'	0.20	—	0.20	"	—	Tan fs
	4'	0.10	—	0.10	"	—	"
	5'	0.02	—	0.02	"	—	"
	7'	0.08	—	0.15	"	—	Tan orange fs
	9'	0.20	—	0.20	"	—	"
	11'	0.15	—	0.15	"	—	"
	13'	0.22	—	0.22	"	—	Tan fs moist
	14'	0.21	—	0.21	"	—	"
M-10	1'	0.30	—	0.30	"	—	Blue fs
	2'	0.15	—	0.15	"	M-10 (C)	Tan fs
	3'	0.10	—	0.10	"	—	"
	4'	0.05	—	0.05	"	—	"
	2'	0.05	—	0.05	"	—	"
	2'	0.00	—	0.00	"	—	Grey-Orange wet fine silt
	7'	0.01	—	0.01	"	—	"
	11'	0.10	—	0.10	"	—	"
	13'	0.15	—	0.15	"	—	Tan fs wet some silt; moist
	14'	0.00	—	0.00	"	—	Tan fs wet

PREPARED BY: A. Acosta

# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 6	OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Axi MFL10 50-90842 / Thermo TA-100 01521		CALIBRATION DATE/STANDARD: 04/18/14		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		ZIP-LOC			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> CORED			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE			
<input type="checkbox"/> AIR DRY		<input type="checkbox"/> OTHER SOLVENT		<input type="checkbox"/> TAP WATER FINAL RINSE			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
	1'	0.01		0.01	Streaky	Mallet	Blue log
	2'	0.02		0.02	None		Blue log
	3'	0.10		0.10	"		"
	4'	0.05		0.05	"		"
	5'	0.00		0.00	"		"
	7'	0.02		0.02	"		"
	9'	0.02		0.02	"		"
	11'	0.02		0.02	"		Change log w/ some silt
	13'	0.02		0.02	"		Blue log
	14'	0.10		0.10	"		"
M-12	1'	0.09		0.09	"		Blue log
	2'	0.09		0.09	"		Blue log
	3'	0.11		0.11	"		Blue log
	4'	0.00		0.00	"		Blue log
	5'	0.15		0.15	"		Blue log
	7'	0.23		0.23	"		Blue log
	9'	0.00		0.00	"		Blue log
	11'	0.12		0.12	"		Blue log
	13'	0.14		0.14	"		Blue log
	14'	0.14		0.14	"		Blue log

PREPARED BY: *jsheek*

Background ~ 1.2



# SOIL OVA SAMPLE DATA

DATE: 2/17/14 PROJECT NAME: City Soccer SHEET 8 OF 59  
 FID  PID MODEL & SERIAL NO: Mini M&E L&R 370-903042 DA-1000 01524886 CALIBRATION DATE/STANDARD: 01/05/14 01/05/14 PROJECT NO: 06631995  
 HEADSPACE CONTAINER:  16 OZ GLASS  8 OZ GLASS  1 JAR  2 JAR  ZIP-LOC  OTHER 5110  
 SAMPLE METHOD:  HAND AUGER  SOLID STEM  SPLIT SPOON  CORER  OTHER 6040  
 EQUIP DECON:  TAP WATER WASH  DIST/DEION 1 RINSE  ISOPROPANOL  ANALYTE FREE FINAL RINSE  TAP WATER FINAL RINSE  
 ALCONOX WASH  LIQUINOX WASH  DIST/DEION 2 RINSE  OTHER SOLVENT  DIST/DEION FINAL RINSE  AIR DRY

SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)				
C-5	1'	0.05	—	0.05	0.0	None	Blue fs	
	2'	0.05	—	0.05	0.0	"	Grey fs "	
	3'	0.02	—	0.02	0.0	"	" "	
	4'	0.03	—	0.03	0.0	"	Tan fs "	
	5'	0.05	—	0.05	0.0	"	" "	
	7'	0.12	—	0.12	0.0	"	Orange Tan fs	
	9'	0.20	—	0.20	0.0	"	Orange Tan fs	
	11'	0.07	—	0.07	0.0	"	Orange Tan fs	
	13'	0.01	—	0.01	0.0	"	Tan fs moist	
	14'	0.01	—	0.01	0.0	"	" " wet	
			0.24	—	0.24	0.0	None	" " wet
			0.31	—	0.31	3.7		Blue fs "
			0.10	—	0.10	0.0		Tan fs "
			0.10	—	0.10	0.0		" "
		0.12	—	0.12	0.0		Tan grey fs "	
		0.27	—	0.27	0.0		" "	
		0.00	—	0.00	0.0		" "	
		2.18	—	2.18	0.0		Grey tan fs	
		0.24	—	0.24	0.2		Tan fs moist	
		0.31	—	0.31	0.0		" " moist	

PREPARED BY: \_\_\_\_\_

# SOIL OVA SAMPLE DATA

SHEET 9 OF 59		PROJECT NO: 06631995					
DATE: 2/18/2014		PROJECT NAME: City Soccer					
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Min. RATE Like 50-70002 DA-1000 015218496		CALIBRATION DATE/STANDARD: 01/21/09 on 21814					
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		ZIP-LOC					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		OTHER: <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER					
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY <input checked="" type="checkbox"/>					
<input type="checkbox"/> ALCONOX WASH		DIST/DEION FINAL RINSE <input checked="" type="checkbox"/>					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				HYDROCARBON (TOTAL-METHANE)
C-9	1'	1.34		1.34		None	15' NW 85
	2'	0.96		0.96		"	"
	3'	0.98		0.98		"	"
	4'	0.75		0.75		"	14' NW 85
	5'	0.72		0.72		"	"
	7'	0.68		0.68		"	14' NW 85
	9'	0.69		0.69		"	14' NW 85
	11'	0.77		0.77		"	Change Top 85
	13'	0.71		0.71		"	14' NW 85
	14'	0.71		0.71		"	14' NW 85
		5.34		5.34		"	14' NW 85
C-1	1'	1.44		1.44		"	14' NW 85
	2'	0.96		0.96		"	14' NW 85
	3'	1.02		1.02		"	14' NW 85
	4'	0.67		0.67		"	14' NW 85
	5'	0.36		0.36		"	14' NW 85
	7'	0.38		0.38		"	14' NW 85
	11'	0.45		0.45		"	14' NW 85
	13'	0.49		0.49		"	14' NW 85
	14'	0.45		0.45		"	14' NW 85

PREPARED BY: A. Abbott

Background 0.84

# SOIL OVA SAMPLE DATA

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 10	OF 59
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 0.75 + 100pm 3.00A			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MIRA BAE Lyle 570-7004 (TA-100) CUS 248496		ZIP-LOC			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		CORER			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		ANALYTE FREE FINAL RINSE			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE		DIST/DEION FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)		
C-10	1'	0.64		0.64	Blue LGS
	2'	0.56		0.56	Grey LGS
	3'	0.54		0.54	Tan LGS
	4'	0.78		0.78	"
	5'	0.62		0.62	"
	7'	0.31		0.31	"
	9'	0.37		0.37	Tan LGS moist
	11'	0.31		0.31	Orange LGS moist
	13'	0.30		0.30	Tan LGS
	14'	0.31		0.31	" " moist
C-3	1'	0.62		0.62	Tan LGS
	2'	0.40		0.40	"
	3'	0.59		0.59	"
	4'	0.40		0.40	Blue LGS
	5'	0.45		0.45	"
	7'	0.29		0.29	"
	9'	0.31		0.31	Tan LGS moist
	11'	0.34		0.34	"
	13'	0.35		0.35	"
	14'	0.27		0.27	Orange Tan LGS moist
					" " moist

Background of 0.22

PREPARED BY: A. Acosta

# SOIL OVA SAMPLE DATA

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 11 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini ME Life 570-93047 / 14-1000 215240496		CALIBRATION DATE/STANDARD: 0-857-1000m 2/18/14		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER <input type="checkbox"/> OTHER			
SAMPLE METHOD: <input type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> OTHER <input type="checkbox"/> OTHER			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE		<input type="checkbox"/> AIR DRY			
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
C-2	1'	0.30	0.30	0.0	None	—	Concrete
	2'	0.28	0.28	0.0	"	—	Base FS
	3'	0.20	0.20	0.0	"	—	"
	4'	0.51	0.51	0.0	"	—	Top FS
	5'	0.42	0.42	0.0	"	—	Top FS
	7'	0.39	0.39	0.0	"	—	Top FS w/ some silt
	9'	0.41	0.41	0.0	"	—	"
	11'	0.60	0.60	0.0	"	—	"
	13'	0.49	0.49	0.0	"	—	Top FS; moist
	14'	0.24	0.24	0.0	"	—	"
G-8	1'	0.09	0.09	0.0	"	—	Base FS
	2'	0.26	0.26	0.0	"	—	Top FS
	3'	0.21	0.21	0.0	"	—	"
	4'	0.23	0.23	0.0	"	—	"
	5'	0.25	0.25	0.0	"	—	"
	7'	0.27	0.27	0.0	"	—	Change Top w/ silt
	9'	0.20	0.20	0.0	"	—	"
	11'	0.20	0.20	0.0	"	—	Top FS
	13'	0.20	0.20	0.0	"	—	" moist
	14'	0.30	0.30	0.0	"	—	" moist

PREPARED BY: A. Hoyle

Background 0.16





# SOIL OVA SAMPLE DATA

DATE: 2/18/2014  
 PROJECT NAME: City Soccer  
 SHEET 14 OF 59  
 PROJECT NO: 06631995

FID  PID MODEL & SERIAL NO: Aeco BAC LITE 510-703547  
 CALIBRATION DATE/STANDARD: 01/24/09 015240496  
 HEADSPACE CONTAINER:  16 OZ GLASS  8 OZ GLASS  1 JAR  2 JAR  ZIP-LOC  OTHER 13-601

SAMPLE METHOD:  HAND AUGER  SOLID STEM  SPLIT SPOON  CORER  
 TAP WATER WASH  DIST/DEION 1 RINSE  ISOPROPANOL  ANALYTE FREE FINAL RINSE  TAP WATER FINAL RINSE  
 ALCONOX WASH  LIQUINOX WASH  DIST/DEION 2 RINSE  OTHER SOLVENT  DIST/DEION FINAL RINSE  AIR DRY

SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					HYDROCARBON (TOTAL-METHANE)
I-3	1'	0.00	—	0.00	None	—	Blw GSS	
	2'	0.00	—	0.00	11	—	"	
	3'	0.04	—	0.04	"	—	Tan GSS	
	4'	0.00	—	0.00	"	—	"	
	5'	0.01	—	0.01	"	—	"	
	7'	0.06	—	0.06	"	—	"	
	9'	0.01	—	0.01	"	—	Tan GSS w/ some silt	
	11'	0.05	—	0.05	"	—	"	
	13'	0.02	—	0.02	"	—	Tan GSS	
	14'	0.21	—	0.21	"	—	"	
	I-4	1'	0.08	—	0.08	11	—	Blw GSS
		2'	0.11	—	0.11	"	—	"
		3'	0.04	—	0.04	"	—	"
		4'	0.08	—	0.08	"	—	Tan GSS
5'		0.00	—	0.00	"	—	"	
7'		0.17	—	0.17	"	—	"	
9'		0.37	—	0.37	"	—	"	
11'	0.06	—	0.06	"	—	"		
13'	0.26	—	0.26	"	—	Tan GSS		
14'	0.17	—	0.17	"	—	"		

PREPARED BY: Anteaoste  
 Background ~ 0.09

# SOIL OVA SAMPLE DATA

DATE: 2/19/2014		PROJECT NAME: City Soccer		SHEET 15 OF 39		
<input checked="" type="checkbox"/> FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <i>Agilent 6890C</i>		CALIBRATION DATE/STANDARD:		PROJECT NO: 06631995		
HEADSPACE CONTAINER:		<input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR		<input checked="" type="checkbox"/> ZIP-LOC		
SAMPLE METHOD:		<input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> OTHER <i>3/2/01</i>		
EQUIP DECON:		<input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE		<input checked="" type="checkbox"/> TAP WATER FINAL RINSE		
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE		<input type="checkbox"/> OTHER SOLVENT		<input type="checkbox"/> AIR DRY		
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			LAB SAMPLE	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)		
	1'	0.00	—	0.00	—	Dark GS
	2'	0.02	—	0.02	—	Light brown GS
	3'	0.00	—	0.00	—	Tan GS
	4'	0.00	—	0.00	—	"
	5'	0.00	—	0.00	—	"
	6'	0.00	—	0.00	—	Gray GS w/ silt
	9'	0.00	—	0.00	—	Grey average GS w/ silt
	11'	1.64	—	1.64	—	"
	13'	0.26	—	0.26	—	"
	14'	0.31	—	0.31	—	Tan GS
						"
	1'	0.01	—	0.01	I-601 (C)	Dark GS
	2'	0.03	—	0.03	—	Gray GS
	3'	0.00	—	0.00	—	Tan GS
	4'	0.10	—	0.10	—	"
	5'	0.06	—	0.06	—	Average Tan GS w/ silt
	7'	0.00	—	0.00	—	"
	9'	0.06	—	0.06	—	"
	11'	1.18	—	1.18	—	"
	13'	0.28	—	0.28	—	" 1 <sup>st</sup> moist
	14'	0.34	—	0.34	—	" 4 <sup>th</sup> moist

Back ground ~0.07

PREPARED BY: A Hoek

# SOIL OVA SAMPLE DATA

DATE: <u>2/18/2014</u>		PROJECT NAME: <u>City Soccer</u>		SHEET <u>6</u> OF <u>59</u>				
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <u>Model # 500-903047 DA-100 015248096</u>		CALIBRATION DATE/STANDARD:		PROJECT NO: <u>06631995</u>				
HEADSPACE CONTAINER:		<input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER <u>5-gal</u>				
SAMPLE METHOD:		<input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> OTHER <u>Hand</u>				
EQUIP DECON:		<input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE		<input checked="" type="checkbox"/> TAP WATER FINAL RINSE				
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY						
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	FID METHANE (TOTAL-METHANE)				GROUNDWATER DEPTH
A-2	1'	0.75		0.75			Blue fs	
	2'	0.00		0.00			Thin fs	
	3'	0.00		0.00			"	
	4'	0.00		0.00			"	
	5'	0.09		0.09			"	
	7'	0.00		0.00			Grey fs w/ silt	
	9'	0.00		0.00			"	
	11'	0.13		0.13			"	
	13'	0.05		0.05			"	
	14'	0.40		0.40			" 11 moist	
		1'	0.12		0.12			Thin fs moist
		2'	0.05		0.05			Thin fs
		3'	0.00		0.00			"
		4'	0.00		0.00			"
	5'	0.00		0.00			"	
	7'	0.00		0.00			" w/ silt	
	9'	0.00		0.00			"	
	11'	0.00		0.00			Blue sample fs w/ silt - clay	
	13'	0.00		0.00			Thin fs w/ silt moist	
	14'	0.09		0.09			" 4 wet	

Background ~ 0.08

PREPARED BY: A. A. Coste

# SOIL OVA SAMPLE DATA

DATE: 2/10/2011 PROJECT NAME: City Soccer SHEET 17 OF 59  
 PROJECT NO: 06631995  
 FID  PID MODEL & SERIAL NO: Micromeritics 580 90342 / UA-100 015248496 CALIBRATION DATE/STANDARD: 8/18 + 100ppm 2/12/14  
 HEADSPACE CONTAINER:  16 OZ GLASS  8 OZ GLASS  1 JAR  2 JAR  ZIP-LOC  
 SAMPLE METHOD:  HAND AUGER  SOLID STEM  SPLIT SPOON  CORER  
 EQUIP DECON:  TAP WATER WASH  DIST/DEION 1 RINSE  ISOPROPANOL  ANALYTE FREE FINAL RINSE  TAP WATER FINAL RINSE  
 ALCONOX WASH  LIQUINOX WASH  DIST/DEION 2 RINSE  OTHER SOLVENT  DIST/DEION FINAL RINSE  AIR DRY  
 OTHER: Soil  OTHER: Geograde

SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)				
A-3	1'	0.06		0.06	0.0	None	Brown fgs	
	2'	0.00		0.00	0.0	"	Grey fgs "	
	3'	0.03		0.03	0.0	"	" "	
	4'	0.03		0.03	0.0	"	White fgs "	
	5'	0.04		0.04	0.0	"	" "	
	7'	0.45		0.45	0.0	"	Bug sandy clay "	
	9'	0.30		0.30	0.0	"	" "	
	11'	0.29		0.29	0.0	"	" "	
	13'	0.18		0.18	0.0	"	Grey fgs w/ silt	
	14'	0.32		0.32	0.0	"	Tan fgs moist	
A-4	1'	0.04		0.04	0.0	"	Brown fgs	
	2'	0.08		0.08	0.0	"	Tan fgs	
	3'	0.06		0.06	0.0	"	Light tan fgs	
	4'	0.05		0.05	0.0	"	" "	
	5'	0.02		0.02	0.0	"	" "	
	7'	0.05		0.05	0.0	"	" "	
	9'	0.04		0.04	0.0	"	Orange Tan sandy clay	
	11'	0.09		0.09	0.0	"	Tan fgs w/ silt	
	13'	0.26		0.26	0.0	"	Tan fgs moist	
	14'	0.24		0.24	0.0	"	" wet	

PREPARED BY: A. Messer

Background ~ 0.10









# SOIL OVA SAMPLE DATA

DATE: 2/19/2014 PROJECT NAME: City Soccer SHEET 22 OF 59

FID  PID MODEL & SERIAL NO: Muir B/E L.rite 990-20047 CALIBRATION DATE/STANDARD: 0/05/100 0/05/100 PROJECT NO: 06631995

HEADSPACE CONTAINER:  16 OZ GLASS  8 OZ GLASS  1 JAR  2 JAR  ZIP-LOC

SAMPLE METHOD:  HAND AUGER  SOLID STEM  SPLIT SPOON  CORER

EQUIP DECON:  TAP WATER WASH  DIST/DEION 1 RINSE  ISOPROPANOL  ANALYTE FREE FINAL RINSE  TAP WATER FINAL RINSE

ALCONOX WASH  LIQUINOX WASH  DIST/DEION 2 RINSE  OTHER SOLVENT  DIST/DEION FINAL RINSE  AIR DRY

SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
B-7	1'	0.09		0.09	None		Basal ls
	2'	0.00		0.00	"		Tan ls
	3'	0.11		0.11	"		"
	4'	0.00		0.00	"		"
	5'	0.00		0.00	"		"
	7'	0.07		0.07	"		" with some silt
	9'	0.04		0.04	"		Tan ls w/ silt
	11'	0.06		0.06	"		Tan ls
	13'	0.30		0.30	"		"
	14'	0.20		0.20	"		"
B-8	1'	0.00		0.00	None		Basal ls
	2'	0.00		0.00	"		Tan ls
	3'	0.11		0.11	"		"
	4'	0.00		0.00	"		"
	5'	0.00		0.00	"		"
	7'	0.06		0.06	"		"
	9'	0.24		0.24	"		"
	11'	0.38		0.38	"		"
	13'	0.07		0.07	"		"
	14'	0.17		0.17	"		"

PREPARED BY: D. Decosta

Packaged ~ 0.18



# SOIL OVA SAMPLE DATA

SHEET 24 OF 39		PROJECT NO: 060320T3 06031975					
DATE: 2/20/2014		PROJECT NAME: Dyer Chevrolet Ft. Pierce City Spacer					
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <i>Model BAE 616 50 82047 TIA-1000 015248956</i> CALIBRATION DATE/STANDARD: <i>18+10/2/14 2.0E-14</i>		<input type="checkbox"/> HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input type="checkbox"/> OTHER: <i>See</i>					
<input checked="" type="checkbox"/> SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input type="checkbox"/> EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE					
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
D-3	1'	0.00		0.00	None		Blue GSS
	2'	0.00		0.00	"		Tan GSS
	3'	0.00		0.00	"		"
	4'	0.13		0.00	"		"
	5'	0.45		0.00	"		"
	7'	0.12		0.00	"		"
	9'	0.00		0.00	"		Grey AS
	11'	0.00		0.00	"		Tan GSS
	13'	0.03		0.00	"		"
	14'	0.10		0.00	"		"
D-4	1'	0.28		0.00	4		Blue GSS
	2'	0.42		0.00	"		"
	3'	0.16		0.00	"		Tan GSS
	4'	0.21		0.00	"		"
	5'	0.38		0.00	"		"
	7'	0.36		0.00	"		Orange Tan GSS w/ Silt
	9'	0.37		0.00	"		"
	11'	0.09		0.00	"		Tan GSS
	13'	0.00		0.00	"		"
	14'	0.28		0.00	"		"

PREPARED BY: A. Acosta

Background ~ 0.11

# SOIL OVA SAMPLE DATA

SHEET <u>25</u> OF <u>59</u>							
PROJECT NAME: <u>Byer Chevrolet Ft. Pierce City School</u>							
PROJECT NO: <u>06692015-06631995</u>							
DATE: <u>2/21/14</u>							
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <u>Anal ME Life 50 902027</u> CALIBRATION DATE/STANDARD: <u>0.4 25 + 100 ppb 2-2-14</u>							
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input checked="" type="checkbox"/> OTHER <u>3-2-14</u>							
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER							
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE							
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY							
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
D-5	1'	0.14	—	0.0	None	—	Brown fgs
	2'	0.05	—	0.0	"	—	"
	3'	0.07	—	0.0	"	—	Tan fgs w/ some silk
	4'	0.00	—	0.0	"	—	"
	5'	0.05	—	0.0	"	—	"
	7'	0.03	—	0.0	"	—	Tan darker fgs w/ some silt
	9'	0.00	—	0.0	"	—	Tan fgs
	11'	0.09	—	0.0	"	—	"
	13'	0.10	—	0.0	"	—	"
	14'	0.13	—	0.0	"	—	"
D-6	1'	0.06	—	0.0	"	—	Brown fgs
	2'	0.00	—	0.0	"	—	"
	3'	0.00	—	0.0	"	—	"
	4'	0.00	—	0.0	"	—	Tan fgs
	5'	0.07	1.01	0.0	"	D-6510	"
	7'	1.17	—	0.2	None	—	Tan fgs w/ silt
	9'	0.36	—	0.0	"	—	"
	11'	0.09	—	0.0	"	—	Tan fgs
	13'	0.07	—	0.0	"	—	"
	14'	0.09	—	0.0	Sulfur	—	"

Background  $\approx$  0.00

PREPARED BY: A. Foster

# SOIL OVA SAMPLE DATA

DATE: 2/24/2014		PROJECT NAME: Dyer-Chevrolet Ft. Pierce City Soccer		SHEET 26 OF 59			
PROJECT NO: 06632015-000631995		CALIBRATION DATE/STANDARD: 01/22/10 015218048		PROJECT NO: 06632015-000631995			
FID PID MODEL & SERIAL NO: Air Rifle Life 5900930308 TWA-1000 015218048		1 JAN <input type="checkbox"/> 2 JAN <input type="checkbox"/>		ZIP-LOC			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS		SPLIT SPOON <input type="checkbox"/> CORER <input type="checkbox"/>		OTHER <input checked="" type="checkbox"/> SLURRY			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM		ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input checked="" type="checkbox"/>		OTHER <input checked="" type="checkbox"/> SOIL			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/>		ISOPROPANOL <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/>		DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY <input type="checkbox"/>			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
0-7	1'	0.00	—	0.00	None	—	Blue Gs
	2'	0.00	—	0.00	"	—	"
	3'	0.00	—	0.00	"	—	Tan Gs
	4'	0.00	—	0.00	"	—	"
	5'	0.00	—	0.00	"	—	"
	7'	0.02	—	0.02	"	—	" w/ silt
	9'	0.62	—	0.62	"	—	Orange Fines for w/ silt
	11'	0.09	—	0.09	"	—	Tan Gs w/ silt
	13'	0.29	—	0.29	"	—	Tan Gs
	14'	0.33	—	0.33	"	—	" wet
0-8	1'	0.00	—	0.00	Silty	—	" wet
	2'	0.00	—	0.00	None	—	Blue Gs
	3'	0.10	—	0.10	"	—	"
	4'	0.00	—	0.00	"	—	Tan Gs
	5'	0.06	—	0.06	"	—	"
	7'	0.25	—	0.25	"	—	"
	9'	0.66	—	0.66	"	—	Orange Tan Gs w/ silt
	11'	0.55	—	0.55	"	—	"
	13'	0.46	—	0.46	"	—	Tan Gs
	14'	0.19	—	0.19	Silty	—	" wet

Backstrom@e.zc

PREPARED BY: A. Acosta

# SOIL OVA SAMPLE DATA

DATE: 2/21/2014		PROJECT NAME: Dyer-Chevrolet Et. Pierce		City: Sevier		SHEET: 27 OF 39	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MiniRAE Life 570-903042		CALIBRATION DATE/STANDARD: 01/27/2014		PROJECT NO: 0663201506031995		PROJECT NO: 0663201506031995	
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> 1 JAR		<input type="checkbox"/> 2 JAR	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> SPLIT SPOON		<input type="checkbox"/> CORER	
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input checked="" type="checkbox"/> ISOPROPANOL		<input type="checkbox"/> ANALYTE FREE FINAL RINSE	
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION 2 RINSE		<input type="checkbox"/> OTHER SOLVENT	
SAMPLE LOCATION		SAMPLE NO./DEPTH		FLAME IONIZATION DETECTOR (FID)		LITHOLOGIC DESCRIPTION	
				FID TOTAL (UNFILTERED)		GROUNDWATER DEPTH	
				FID METHANE (FILTERED)		REMARKS	
				HYDROCARBON (TOTAL-METHANE)			
				PID TOTAL			
				EVIDENT ODOR OR STAIN			
				LAB SAMPLE			
				G = Grab			
				C = Composite			

SAMPLE LOCATION	SAMPLE NO./DEPTH	FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE	LITHOLOGIC DESCRIPTION
E-1	1'	0.00	---	0.00	0.0	None	E-1 (C)	13m ls
	2'	0.05	---	0.05	0.0	"	---	"
	3'	0.01	---	0.01	0.0	"	---	"
	4'	0.37	---	0.37	0.0	"	---	"
	5'	0.28	---	0.28	0.0	"	---	"
	7'	0.18	---	0.18	0.0	"	---	"
	9'	0.08	---	0.08	0.0	"	---	"
	11'	0.25	---	0.25	0.0	"	---	"
	13'	0.02	---	0.02	0.0	"	---	"
	14'	0.00	---	0.00	0.0	"	---	"
E-2	1'	0.00	---	0.00	0.0	"	---	"
	2'	0.00	---	0.00	0.0	"	---	"
	3'	0.01	---	0.01	0.0	"	---	"
	4'	0.05	---	0.05	0.0	"	---	"
	5'	0.00	---	0.00	0.0	"	---	"
	7'	0.24	---	0.24	0.0	"	---	"
	9'	0.17	---	0.17	0.0	"	---	"
	11'	0.27	---	0.27	0.3	"	---	"
	13'	0.19	---	0.19	0.0	"	---	"
	14'	0.49	---	0.49	0.0	"	---	"

Background ~ 0.00

PREPARED BY: A. Marks

# SOIL OVA SAMPLE DATA

SHEET <u>28</u> OF <u>59</u>		PROJECT NO: <u>06692015-00031995</u>					
PROJECT NAME: <u>Dyer Chevrolet Ft. Pierce Cit. Serv.</u>		CALIBRATION DATE/STANDARD: <u>0495400pm 29/11</u>					
DATE: <u>2/21/14</u>		PROJECT NO: <u>06692015-00031995</u>					
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <u>Mmi BAF Lite 50-903042</u>		CALIBRATION DATE/STANDARD: <u>0495400pm 29/11</u>					
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		ZIP-LOC					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		CORER					
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/>					
<input type="checkbox"/> ALCONOX WASH		DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY <input checked="" type="checkbox"/>					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS		
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)			HYDROCARBON (TOTAL-METHANE)	
E-3	1'	0.08	—	0.08	—	Blue ss	
	2'	0.06	—	0.06	—	Blue ss	
	3'	0.32	—	0.32	—	Blue ss	
	4'	0.00	—	0.00	—	Blue ss	
	5'	0.00	—	0.00	—	Blue ss	
	7'	0.10	—	0.10	—	Orange Blue ss w/ silt	
	9'	0.24	—	0.24	—	Orange Blue ss w/ silt	
	11'	0.08	—	0.08	—	Orange Blue ss w/ silt	
	13'	0.31	—	0.31	—	Orange Blue ss w/ silt	
	14'	0.12	—	0.12	—	Orange Blue ss w/ silt	
	E-4	1'	0.00	—	0.00	—	Blue ss
		2'	0.00	—	0.00	—	Blue ss
		3'	0.00	—	0.00	—	Blue ss
		4'	0.02	—	0.02	—	Blue ss
5'		0.00	—	0.00	—	Blue ss	
7'		0.00	—	0.00	—	Blue ss	
9'		0.01	—	0.01	—	Blue ss	
11'	0.15	—	0.15	—	Blue ss		
12'	0.45	—	0.45	—	Blue ss		
14'	0.05	—	0.05	—	Blue ss		

Background ~ 0.12

PREPARED BY: A. Hirsch







# SOIL OVA SAMPLE DATA

SHEET <u>32</u> OF <u>59</u>		PROJECT NO: <u>066920415 - C&amp;S 1985</u>				
PROJECT NAME: <u>Dyer Chevrolet Ft. Pierce</u>		CALIBRATION DATE/STANDARD: <u>04/25/100 for 2/4/10</u>				
DATE: <u>3/29/14</u>		CITY: <u>Secon</u>				
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <u>Mtr: KAE LK 50-103042</u>		ZIP-LOC: <u>32909</u>				
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		CORER: <input checked="" type="checkbox"/> OTHER: <u>3.16</u>				
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		OTHER: <u>669204</u>				
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		TAP WATER FINAL RINSE: <input type="checkbox"/> AIR DRY				
<input type="checkbox"/> ALCONOX WASH		DIST/DEION FINAL RINSE: <input type="checkbox"/>				
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)			
	1'	0.0	—	0.0	—	Blue ss
	2'	0.0	—	0.0	—	Orange ss
	3'	0.0	—	0.0	—	Tan ss
	4'	0.15	—	0.0	—	Tan ss
	5'	0.28	—	0.0	—	Tan ss
	7'	0.18	—	0.9	—	Tan ss
	9'	0.39	—	0.0	—	Tan ss
	11'	0.25	—	0.0	—	Tan ss
	13'	0.55	—	0.0	—	Tan ss
	14'	0.53	—	0.4	—	Tan ss
F-6	1'	0.67	—	0.0	—	Blue ss
	2'	0.28	—	0.0	—	Blue ss
	3'	0.10	—	0.0	—	Blue ss
	4'	0.18	—	0.0	—	Blue ss
	5'	0.22	—	0.0	—	Blue ss
	7'	0.08	—	0.0	—	Blue ss
	9'	0.33	—	0.0	—	Blue ss
	11'	0.21	—	0.0	—	Blue ss
	13'	0.50	—	0.1	—	Tan ss
	14'	0.08	—	2.3	—	Tan ss

PREPARED BY: A. Newsk



# SOIL OVA SAMPLE DATA

DATE: 2/25/14		PROJECT NAME: City Soccer		SHEET 31	OF 59		
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 2/25/14 0.95, 1.00 ppm					
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini Pae lite 590-9030421 TWA-1000 011524849		HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input checked="" type="checkbox"/> OTHER 3 gal					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM		EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
G-1	1'	0.69	--	0.69	none	--	Brown Fgs
	2'	0.95	--	0.95	none	--	" "
	3'	2.12	--	2.12	"	--	tan "
	4'	5.27	--	5.27	"	--	" "
	5'	3.01	--	3.01	"	--	tan/orange Fgs
	7'	0.32	--	0.32	"	--	" " Fgs w/ clayey
	7'	0.62	--	0.62	"	--	" " "
	11'	0.59	--	0.59	"	--	tan Fgs moist
	13'	0.39	--	0.39	"	--	" "
	16'	0.47	--	0.47	"	--	" " wet
G-2	1'	0.54	--	0.54	none	--	Brown Fgs
	2'	0.56	--	0.56	"	--	Grey Fgs
	3'	0.81	--	0.81	"	--	tan Fgs
	4'	0.63	--	0.63	"	--	" "
	5'	0.41	--	0.41	"	--	" "
	7'	0.30	--	0.30	"	--	" " w/ clayey
	9'	0.33	--	0.33	"	--	" " (moist)
	11'	0.28	--	0.28	"	--	tan/Brown Fgs moist
	13'	0.44	--	0.44	"	--	" " wet
	15'	1.41	--	1.41	"	--	" " wet
Background 0.50ppm							
PREPARED BY:							



# SOIL OVA SAMPLE DATA

SHEET <u>36</u> OF <u>59</u>								
PROJECT NO: 06631995								
PROJECT NAME: City Soccer								
DATE: <u>2/25/14</u>								
CALIBRATION DATE/STANDARD: <u>2/25/14 0.95 +100 ppm</u>								
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC								
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER								
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE								
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/> AIR DRY								
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)	HYDROCARBON (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE	LITHOLOGIC DESCRIPTION	
		(UNFILTERED)	(FILTERED)			G = Grab C = Composite	GROUNDWATER DEPTH REMARKS	
G-5	1'	8.1	2.1	6.1	NONE	-	Bw Fgs	
	2'	0.46	0.46	3.8	"	-	"	
	3'	22.99	1.44	2.0	"	-	tan "	
	4'	2.06	2.06	6.2	51 petro	-	"	
	5'	24.76	1.89	6.0	21 petro	-	"	
	6'	2.98	2.98	1.2	NONE	-	"	
	7'	97.18	28.13	69.05	5/8 petro	-	tan coarse w/ clayey	
	11'	2.13	-	2.13	0.4	-	TAP	
	13'	1.05	-	1.05	0.1	-	"	
	14'	1.65	-	1.65	0.5	"	"	
	G-6	1'	2.12	0.83	10.0	NONE	-	Bw Fgs
		2'	8.83	-	0.9	"	-	"
		3'	8.83	-	0.4	"	-	"
		4'	4.24	-	9.6	"	-	Grey Clayey w/ coarse
5'		8.12	-	0.6	"	-	"	
7'		1.28	-	0.1	"	-	tan w/ clayey	
G-7	1'	0.29	-	0.0	"	-	tan coarse Fgs	
	11'	4.23	-	2.3	"	-	coarse / tan	
	13'	0.16	-	0.7	"	-	moist	
	14'	0.32	-	0.0	"	-	wet	

PREPARED BY:

# SOIL OVA SAMPLE DATA

DATE: <u>2/25/14</u>		PROJECT NAME: City Soccer		SHEET <u>37</u> OF <u>59</u>				
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: <u>2/25/14 0.95 + 100ppm</u>		PROJECT NO: 06631995				
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <u>Mini Bae Lite 590-900842/TVA MD 228</u>		<input type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR		<input type="checkbox"/> ZIP-LOC				
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR		<input type="checkbox"/> CORER		<input type="checkbox"/> OTHER: <u>3 jar</u>				
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON		<input type="checkbox"/> ANALYTE FREE FINAL RINSE		<input checked="" type="checkbox"/> OTHER: <u>Good</u>				
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> PROPANOL		<input type="checkbox"/> DIST/DEION FINAL RINSE		<input type="checkbox"/> TAP WATER FINAL RINSE				
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE		<input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> FAIR DRY				
SAMPLE LOCATION	DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH	REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					
G-7	1'	0.11	-	0.11	none	-	Brow FGS	
	2'	0.34	-	0.34	"	-	"	
	3'	0.26	-	0.26	"	-	tan/Brow FGS	
	4'	0.07	-	0.07	"	-	"	
	5'	0.06	-	0.06	"	-	"	
	7'	0.13	-	0.13	"	-	"	
	9'	0.05	-	0.05	"	-	"	
	11'	0.24	-	0.24	"	-	orange FGS	
	13'	0.38	-	0.38	"	-	tan/orange "	
	14'	0.30	-	0.30	"	-	tan	moist
G-8	1'	0.208	0.23	4.85	none	Grab @	Brow "	wet
	2'	1.48	-	1.48	"	-	"	
	3'	0.19	-	0.19	"	-	"	
	4'	0.19	-	0.19	"	-	tan	"
	5'	0.73	-	0.73	"	-	tan/orange clayey	
	7'	0.08	-	0.08	"	-	orange/tan clayey	
	9'	0.22	-	0.22	"	-	tan	"
	11'	0.33	-	0.33	"	-	"	FGS
	13'	0.87	-	0.87	Slight	-	"	moist
	14'	4.17	-	4.17	Slight	-	"	wet

PREPARED BY: 700

# SOIL OVA SAMPLE DATA

DATE: <u>2/26/14</u>		PROJECT NAME: City Soccer		SHEET <u>38</u> OF <u>59</u>	
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: <u>2/25/14, 0.95 + 100 ppm</u>		PROJECT NO: 06631995	
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> ZIP-LOC	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> CORER	
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE	
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION 2 RINSE	
SAMPLE LOCATION		SAMPLE DEPTH		LAB SAMPLE	
FLAME IONIZATION DETECTOR (FID)		HYDROCARBON (TOTAL-METHANE)		G = Grab C = Composite	
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		EVIDENT ODOR OR STAIN	
PID TOTAL		OTHER SOLVENT		LITHOLOGIC DESCRIPTION	
GROUNDWATER DEPTH		REMARKS		GROUNDWATER DEPTH	

SAMPLE LOCATION	SAMPLE DEPTH	FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE	LITHOLOGIC DESCRIPTION
H-1	1'	172	0.26	93.8	none	H-1er	Brow Fgs
	2'	12.23	0.35	1.1	"		Grey " "
	3'	0.95	-	0.5	"		tan " "
	4'	0.57	-	0.6	"		" " "
	5'	2.28	-	0.0	"		tan/orange Clayey
	7'	0.27	-	0.0	"		" " "
	9'	0.11	-	0.1	"		" " "
	11'	1.65	-	1.7	none		tan/clayey
	13'	1.29	-	3.1	sl. pale		" FGS
H-2	1'	0.50	-	0.0	none		Brow Fgs
	2'	1.16	-	0.0	"		Brow/tan FGS
	3'	0.13	-	0.0	"		tan
	4'	0.53	-	0.0	"		tan/Brow "
	5'	0.35	-	0.0	"		tan/Brow/orange clayey
	7'	0.2	-	0.0	"		tan/orange "
	9'	0.06	-	0.0	"		tan FGS
	11'	0.30	-	0.7	"		" " "
	13'	0.36	-	0.0	"		" " "
	14'	0.59	-	0.0	"		" " "
H-1	14'	1.82	-	3.7	sl. pale		tan FGS

Background 0.01

PREPARED BY:



# SOIL OVA SAMPLE DATA

DATE: <b>2/25/14</b>		PROJECT NAME: City Soccer		SHEET <b>40</b> OF <b>59</b>		
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <b>Mina Raelite 590 9050421 / TUA 1000 015278</b>		CALIBRATION DATE/STANDARD: <b>2/25/14 / 0.95, 100ppm</b>		PROJECT NO: 06631995		
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER <b>3.000</b>		
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> OTHER <b>Geoprobe</b>		
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE		<input type="checkbox"/> TAP WATER FINAL RINSE		
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY		
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)		
H-5	1'	0.49	-	0.49	-	Bw Fgs
	2'	1.56	-	1.56	-	TAN "
	3'	0.12	-	0.12	-	" "
	4'	0.35	-	0.35	-	" "
	5'	0.10	-	0.10	-	TAN Clayey "
	6'	0.09	-	0.09	-	" "
	9'	0.18	-	0.18	-	TAN FGS "
	11'	0.37	-	0.37	-	" "
	13'	0.22	-	0.22	-	" "
	14'	0.19	-	0.19	-	" "
	H-6	1'				
2'						
3'						
4'						
5'						
7'						
11'						
13'						
14'						

NA

Background 0.13 ppm

PREPARED BY:

# SOIL OVA SAMPLE DATA

DATE: 2/28/14		PROJECT NAME: City Soccer		SHEET 41	OF 59
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mar. Rite Lib 50-90242/14-00 0152484C		CALIBRATION DATE/STANDARD: 01/15/14 2014		PROJECT NO: 06631995	
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY		<input checked="" type="checkbox"/> OTHER 3-pl	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORE		OTHER SOLVENT <input type="checkbox"/> OTHER SOLVENT <input type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> OTHER 3-pl	
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY		FLAME IONIZATION DETECTOR (FID)		LITHOLOGIC DESCRIPTION	
SAMPLE LOCATION	SAMPLE NO./DEPTH	FID TOTAL		LAB SAMPLE	REMARKS
		(UNFILTERED)	(FILTERED)		
H-6	1'	1.80	1.80	H-6E16	Brown fs
	2'	1.03	1.03		"
	3'	1.13	1.13		DK brown fs
	4'	1.06	1.06		Tan fs
	5'	1.25	1.25		"
	7'	0.80	0.80		Tan fs and some silt
	9'	0.80	0.80		Tan fs
	11'	0.89	0.89		"
	13'	0.87	0.87		" moist
	14'	0.87	0.87		" wet
H-7	1'	0.70	0.70		Brown fs
	2'	0.72	0.72		Tan fs
	3'	0.76	0.76		"
	4'	0.74	0.74		"
	5'	0.81	0.81		Orange Brown fs w/ clay
	7'	0.95	0.95		Tan fs w/ silt
	9'	0.92	0.92		Tan fs
	11'	1.36	1.36		" moist
	13'	1.28	1.28		" wet
	14'	1.65	1.65		" wet

Background ~ 1.00

PREPARED BY: A. Vasko

# SOIL OVA SAMPLE DATA

DATE: 2/28/14		PROJECT NAME: City Soccer		SHEET 42	OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini/MF Like 550903042		CALIBRATION DATE/STANDARD: 01/22/14 96		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input type="checkbox"/> CORER		OTHER: <input checked="" type="checkbox"/> Tap Water			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY		OTHER: <input checked="" type="checkbox"/> Geo-bio			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
H-8	1'	0.80	—	0.80	None	—	Brow fs "
	2'	0.74	—	0.74	"	—	" "
	3'	0.66	—	0.66	"	—	Tan fs "
	4'	0.67	—	0.65	"	—	" "
	5'	0.63	—	0.63	"	—	" "
	7'	0.85	—	0.85	"	—	Orange/Brow fs w/ some silt.
	9'	0.73	—	0.73	"	—	Tan fs "
	11'	0.56	—	0.56	"	—	" "
	13'	0.80	—	0.80	Sl. Pet. clay	—	" "
	14'	0.83	—	0.83	Sl. Pet. clay	—	" "
H-9	1'	0.61	—	0.61	None	—	Brow fs "
	2'	0.51	—	0.51	"	—	Tan fs "
	3'	0.55	—	0.55	"	—	" "
	4'	0.56	—	0.56	"	—	" "
	5'	0.65	—	0.65	"	—	" "
	7'	0.73	—	0.73	"	—	" "
	7'	0.70	—	0.70	None	—	Orange/Brow fs w/ clay
	11'	1.53	—	1.53	"	—	Brow-grey fs "
	13'	0.59	—	0.59	"	—	" w/ some silt
	14'	1.02	—	1.02	Sl. Pet. clay	—	Tan fs "

Background ~ 0.576 ppm

PREPARED BY: N. Horvath



# SOIL OVA SAMPLE DATA

DATE: 2/28/14		PROJECT NAME: City Soccer		SHEET 44	OF 59		
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 08/27/09M 2.00/14					
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini VAE Life 570 903577		TMA-1000 01924846		<input checked="" type="checkbox"/> OTHER 15-16			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER 15-16			
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY		8 OZ GLASS <input type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input checked="" type="checkbox"/>		<input type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
G-11	1'	0.78	—	0.82	None	—	Brow fgs
	2'	0.71	—	0.71	"	—	"
	3'	0.77	—	0.77	"	—	Tan fgs
	4'	0.71	—	0.71	"	—	"
	5'	0.95	—	0.95	"	—	" off some silt
	7'	0.71	—	0.71	"	—	Change Gray fgs and silt
	9'	0.25	—	0.25	"	—	Tan fgs
	11'	0.54	—	0.54	"	—	"
	13'	0.80	—	0.80	"	—	Orange Tan fgs
	14'	0.97	—	0.97	"	—	"
G-11	1'	0.52	—	0.52	"	—	Brow fgs
	2'	0.46	—	0.46	"	—	Tan fgs
	3'	0.84	—	0.84	"	—	"
	4'	0.51	—	0.51	"	—	"
	5'	0.54	—	0.54	"	—	" off some silt
	7'	0.45	—	0.45	"	—	Orange Tan fgs and silt
	9'	0.45	—	0.45	"	—	"
	11'	0.80	—	0.80	"	—	Tan fgs
	12'	0.63	—	0.63	"	—	" need
	14'	1.01	—	1.01	"	—	" need

Background ~ 0.70 ppm

PREPARED BY: R. Foster

# SOIL OVA SAMPLE DATA

DATE: 5/31/14		PROJECT NAME: City Soccer		SHEET 45 OF 59				
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 3/31/10, 95, 100 ppm		PROJECT NO: 06631995				
HEADSPACE CONTAINER: 16 OZ GLASS		1 JAR		2 JAR				
SAMPLE METHOD: HAND AUGER		SOLID STEM		CORER				
EQUIP DECON: TAP WATER WASH		DIST/DEION 1 RINSE		ISOPROPANOL				
ALCONOX WASH		LIQUINOX WASH		DIST/DEION 2 RINSE				
SAMPLE LOCATION		SAMPLE NO./DEPTH		FLAME IONIZATION DETECTOR (FID)				
				HYDROCARBON (TOTAL-METHANE)				
				TOTAL				
				PID				
				EVIDENT ODOR OR STAIN				
				LAB SAMPLE				
				LITHOLOGIC DESCRIPTION				
				GROUNDWATER DEPTH				
				REMARKS				
K-1	1	0.47	0.47	0.0	none	—	Brow FGS	
	2	0.37	0.37	0.0	"	—	"	
	3	0.30	0.30	0.0	"	—	tan "	
	4	0.40	0.40	0.0	"	—	"	
	5	0.06	0.06	0.0	"	—	"	
	7	0.34	0.34	0.0	"	—	tan w/ orange FGS w/ clay	
	9	0.27	0.27	0.0	"	—	"	
	11	0.45	0.45	0.1	"	—	"	
	13	0.53	0.53	0.0	"	—	"	
	14	39.26	11.75	0.0	sl. petro	—	"	
K-2	1	1.02	1.62	1.2	none	—	Brow FGS	
	2	0.88	0.88	1.0	"	—	"	
	3	1.05	1.05	1.0	"	—	tan "	
	4	0.81	0.81	0.9	"	—	"	
	5	0.50	0.50	0.7	"	—	" w/ orange FGS w/ clay	
	7	2.53	2.53	2.0	"	—	"	
	9	5.01	5.01	5.4	"	—	tan FGS	
	11	0.62	0.62	0.0	"	—	"	
	13	4.52	4.52	0.3	"	—	"	
	14	60.02	29.91	7.0	sl. petro	—	"	

Background 0.19 ppm

PREPARED BY:

# SOIL OVA SAMPLE DATA

SHEET 46 OF 59		PROJECT NO: 06631995							
DATE: 9/3/14		PROJECT NAME: City Soccer							
DATE: 9/3/14		CALIBRATION DATE/STANDARD: 9/3/14/0.95 +100 ppm							
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		ZIP-LOC: <input checked="" type="checkbox"/> OTHER 3.100							
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input checked="" type="checkbox"/> OTHER <del>hand auger</del>							
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH		<input type="checkbox"/> TAP WATER FINAL RINSE							
<input type="checkbox"/> ALCONOX WASH		<input type="checkbox"/> DIST/DEION FINAL RINSE							
SAMPLE LOCATION		LITHOLOGIC DESCRIPTION							
DEPTH		GROUNDWATER DEPTH							
SAMPLE NO./		REMARKS							
FLAME IONIZATION DETECTOR (FID)		LAB SAMPLE							
FID TOTAL (UNFILTERED)		G = Grab C = Composite							
FID METHANE (FILTERED)		EVIDENT ODOR OR STAIN							
HYDROCARBON (TOTAL-METHANE)		PID TOTAL							
TOTAL		TOTAL							
K-3	1	36.73	0.28	36.45	13.0	none	K-381 (C)	Brow Fgs	
	2	1.92	-	1.92	0.6	"	-	"	
	3	6.92	-	6.92	7.5	"	-	tan "	
	4	4.09	-	4.09	3.9	"	-	tan "	
	5	3.90	-	3.90	0.4	"	-	tan clayey + Fgs	
	7	2.36	-	2.36	24.9	sl petro	-	Grey/rose clay	
	9	47.10	2.31	44.79	62.2	sl petro	-	tan Fgs	
	11	113	2.13	110.87	96.0	" "	-	" "	
	13	4.802	2.38	4.799.62	86.1	petro	-	" "	wet
	14	67.71	2.11	65.60	34.8	" "	-	" "	" "
K-4	1	2.37	-	2.37	2.9	none	-	Brow Fgs	
	3	0.90	-	0.90	2.5	"	-	tan "	
	4	0.48	-	0.48	2.9	"	-	" "	
	5	1.53	-	1.53	0.4	"	-	" "	
	7	0.24	-	0.24	0.3	"	-	tan/rose clayey	
	9	0.37	-	0.37	0.0	"	-	tan Fgs	
	11	0.42	-	0.42	0.0	"	-	" "	
	13	0.65	-	0.65	0.0	"	-	" "	wet
	14	0.55	-	0.55	0.0	"	-	" "	wet
	14	6.88	-	6.88	0.2	sl petro	-	" "	

Background 0.88 ppm

PREPARED BY:

# SOIL OVA SAMPLE DATA

DATE: <u>3/3/14</u>		PROJECT NAME: City Soccer		SHEET <u>47</u> OF <u>59</u>					
DATE: <u>3/3/14</u>		PROJECT NO: 06631995							
DATE: <u>3/3/14</u>		CALIBRATION DATE/STANDARD: <u>3/3/14/0.98+100 ppm</u>							
DATE: <u>3/3/14</u>		HEADSPACE CONTAINER: <u>16 OZ GLASS</u>							
DATE: <u>3/3/14</u>		SAMPLE METHOD: <u>HAND AUGER</u>							
DATE: <u>3/3/14</u>		EQUIP DECON: <u>TAP WATER WASH</u>							
DATE: <u>3/3/14</u>		ALCONOX WASH: <u>LIQUINOX WASH</u>							
DATE: <u>3/3/14</u>		SAMPLE LOCATION							
K-5	1	0.15	0.15	0.0	none	-	0.0	-	Brown Fgs
	2	0.28	0.28	0.0	"	-	0.0	-	"
	3	0.09	0.09	0.0	"	-	0.0	-	Tan "
	4	0.23	0.23	0.0	"	-	0.0	-	"
	5	0.28	0.28	0.0	"	-	0.0	-	"
	7	0.75	0.75	0.0	"	-	0.0	-	Grey/white clayey
	11	0.25	0.25	0.0	"	-	0.0	-	Tan Fgs w/ clayey
	13	0.38	0.38	0.0	"	-	0.0	-	"
	14	0.71	0.71	0.0	"	-	0.0	-	"
	14	0.56	0.56	0.0	"	-	0.0	-	"
K-10	1	0.59	0.59	0.5	none	-	0.0	-	Brown Fgs
	2	0.05	0.05	0.0	"	-	0.0	-	Tan Fgs
	3	0.19	0.19	0.2	"	-	0.0	-	"
	4	0.72	0.72	0.0	"	-	0.0	-	"
	5	0.35	0.35	0.0	"	-	0.0	-	"
	7	0.24	0.24	0.0	"	-	0.0	-	tan/white clayey
	9	0.25	0.25	0.0	"	-	0.0	-	tan clayey
	11	0.81	0.81	0.0	"	-	0.0	-	tan Fgs
	13	0.23	0.23	0.0	"	-	0.0	-	"
	14	0.09	0.09	0.0	"	-	0.0	-	"
Background 0.14 ppm									
PREPARED BY: <u>(Signature)</u>									



# SOIL OVA SAMPLE DATA

DATE: 3/31/4		PROJECT NAME: City Soccer		SHEET 49 OF 59						
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 3/31/4 @ 95.1100 ppm		OTHER: 3 jar						
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: Mini-Pac Lite 590-963042/MA1000 0152854910		16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC <input type="checkbox"/>		OTHER: Geoprobe						
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> FLAME IONIZATION DETECTOR (FID)		TAP WATER FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY <input checked="" type="checkbox"/>						
SAMPLE LOCATION		SAMPLE DEPTH		LITHOLOGIC DESCRIPTION						
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		GROUNDWATER DEPTH						
HYDROCARBON (TOTAL-METHANE)		PID TOTAL		REMARKS						
EVIDENT ODOR OR STAIN		LAB SAMPLE		G = Grab C = Composite						
J-1	1	40.25	0.12	40.13	3.6	organic	tan Fgs			
	2	8.34	-	8.34	1.4	none	tan/Brow Fgs			
	3	7.56	-	7.56	2.2	"	tan Fgs			
	4	11.84	0.37	11.47	21.0	"	Grey "			
	5	6.91	-	6.91	2.4	"	tan Fgs w/ clayey			
	7	1.53	-	1.53	0.4	"	Grey 4" w/ "			
	9	0.33	-	0.33	0.0	"	tan "			
	11	11.16	0.52	10.64	0.5	sl. petro	" "			
	13	2.37	-	2.37	0.0	" "	" "			wet.
	14	0.47	-	0.47	0.0	" "	" "			wet.
J-2	1	1.62	-	1.62	1.5	none	tan Fgs			
	2	0.52	-	0.52	0.0	"	"			
	3	0.73	-	0.73	0.0	"	"			
	4	0.71	-	0.71	4.9	"	"			
	5	1.02	-	1.02	1.6	"	Grey " w/ clayey			
	7	0.45	-	0.45	0.1	"	" "			
	9	3.39	-	0.39	0.1	"	tan Fgs			
	11	33.68	5.32	28.36	84.7	sl. petro	" "			
	13	2.58	-	2.58	0.3	sl. petro	" "			wet
	14	2.63	-	2.43	0.2	none	" "			wets

Background: 0.06ppm

PREPARED BY:



# SOIL OVA SAMPLE DATA

DATE: 3/3/19		PROJECT NAME: City Soccer		SHEET 51	OF 59	
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 3/14/0.95 +100 ppm				
HEADSPACE CONTAINER: 16 OZ GLASS		ZIP-LOC				
SAMPLE METHOD: HAND AUGER		CORER				
EQUIP DECON: TAP WATER WASH		ANALYTE FREE FINAL RINSE		TAP WATER FINAL RINSE		
ALCONOX WASH		OTHER SOLVENT		DIST/DEION FINAL RINSE		
SAMPLE LOCATION		PID TOTAL		LITHOLOGIC DESCRIPTION		
DEPTH		EVIDENT ODOR OR STAIN		GROUNDWATER DEPTH		
FLAME IONIZATION DETECTOR (FID)		LAB SAMPLE		REMARKS		
(UNFILTERED)		G = Grab C = Composite				
FID METHANE (FILTERED)		HYDROCARBON (TOTAL-METHANE)				
1-9	1	0.40	0.40	0.0	none	Brw Fgs
	2	0.31	0.31	0.0	"	Tan Fgs
	3	0.33	0.33	0.0	"	"
	4	0.31	0.31	0.0	"	" w/ clayey
	5	0.18	0.18	0.0	"	"
	7	9.50	9.50.22	112.9	"	Tan Fgs w/ clayey most
	9	6.735	6.720.12	857.6	petro	gray clayey
	11	>10,000	79987.49	805.1	"	Tan Fgs w/ clayey
	13	>10,000	>9987.47	650.2	"	"
	14	6.559	6.346.22	812.1	"	"
1-10	1	0.53	0.53	0.0	hole	Brw Fgs
	2	0.52	0.52	0.0	"	Tan "
	3	0.27	0.27	0.0	"	"
	4	0.19	0.19	0.0	"	"
	5	0.42	0.42	0.0	"	"
	7	0.15	0.15	0.0	"	" Fgs w/ clayey
	7	0.37	0.37	0.0	"	tan clayey
	11	0.38	0.38	0.0	"	Tan Fgs
	13	0.41	0.41	0.0	"	" "
	14	1.81	1.81	0.0	"	" "
						wet
						wet

Background 0.18 ppm

PREPARED BY:



# SOIL OVA SAMPLE DATA

DATE: 3/5/14		PROJECT NAME: City Soccer		SHEET 53	OF 59		
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 04/15/10		OTHER 3-1/2"			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: M... 50-2047 / 10A-100 0192248496		1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> 3 JAR <input type="checkbox"/> 4 JAR <input type="checkbox"/> 5 JAR <input type="checkbox"/> 6 JAR <input type="checkbox"/> 7 JAR <input type="checkbox"/> 8 JAR <input type="checkbox"/> 9 JAR <input type="checkbox"/> 10 JAR <input type="checkbox"/> 11 JAR <input type="checkbox"/> 12 JAR <input type="checkbox"/> 13 JAR <input type="checkbox"/> 14 JAR <input type="checkbox"/> 15 JAR <input type="checkbox"/> 16 JAR <input type="checkbox"/> 17 JAR <input type="checkbox"/> 18 JAR <input type="checkbox"/> 19 JAR <input type="checkbox"/> 20 JAR <input type="checkbox"/> 21 JAR <input type="checkbox"/> 22 JAR <input type="checkbox"/> 23 JAR <input type="checkbox"/> 24 JAR <input type="checkbox"/> 25 JAR <input type="checkbox"/> 26 JAR <input type="checkbox"/> 27 JAR <input type="checkbox"/> 28 JAR <input type="checkbox"/> 29 JAR <input type="checkbox"/> 30 JAR <input type="checkbox"/> 31 JAR <input type="checkbox"/> 32 JAR <input type="checkbox"/> 33 JAR <input type="checkbox"/> 34 JAR <input type="checkbox"/> 35 JAR <input type="checkbox"/> 36 JAR <input type="checkbox"/> 37 JAR <input type="checkbox"/> 38 JAR <input type="checkbox"/> 39 JAR <input type="checkbox"/> 40 JAR <input type="checkbox"/> 41 JAR <input type="checkbox"/> 42 JAR <input type="checkbox"/> 43 JAR <input type="checkbox"/> 44 JAR <input type="checkbox"/> 45 JAR <input type="checkbox"/> 46 JAR <input type="checkbox"/> 47 JAR <input type="checkbox"/> 48 JAR <input type="checkbox"/> 49 JAR <input type="checkbox"/> 50 JAR <input type="checkbox"/> 51 JAR <input type="checkbox"/> 52 JAR <input type="checkbox"/> 53 JAR <input type="checkbox"/> 54 JAR <input type="checkbox"/> 55 JAR <input type="checkbox"/> 56 JAR <input type="checkbox"/> 57 JAR <input type="checkbox"/> 58 JAR <input type="checkbox"/> 59 JAR <input type="checkbox"/> 60 JAR <input type="checkbox"/> 61 JAR <input type="checkbox"/> 62 JAR <input type="checkbox"/> 63 JAR <input type="checkbox"/> 64 JAR <input type="checkbox"/> 65 JAR <input type="checkbox"/> 66 JAR <input type="checkbox"/> 67 JAR <input type="checkbox"/> 68 JAR <input type="checkbox"/> 69 JAR <input type="checkbox"/> 70 JAR <input type="checkbox"/> 71 JAR <input type="checkbox"/> 72 JAR <input type="checkbox"/> 73 JAR <input type="checkbox"/> 74 JAR <input type="checkbox"/> 75 JAR <input type="checkbox"/> 76 JAR <input type="checkbox"/> 77 JAR <input type="checkbox"/> 78 JAR <input type="checkbox"/> 79 JAR <input type="checkbox"/> 80 JAR <input type="checkbox"/> 81 JAR <input type="checkbox"/> 82 JAR <input type="checkbox"/> 83 JAR <input type="checkbox"/> 84 JAR <input type="checkbox"/> 85 JAR <input type="checkbox"/> 86 JAR <input type="checkbox"/> 87 JAR <input type="checkbox"/> 88 JAR <input type="checkbox"/> 89 JAR <input type="checkbox"/> 90 JAR <input type="checkbox"/> 91 JAR <input type="checkbox"/> 92 JAR <input type="checkbox"/> 93 JAR <input type="checkbox"/> 94 JAR <input type="checkbox"/> 95 JAR <input type="checkbox"/> 96 JAR <input type="checkbox"/> 97 JAR <input type="checkbox"/> 98 JAR <input type="checkbox"/> 99 JAR <input type="checkbox"/> 100 JAR		ZIP-LOC		OTHER 3-1/2"	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORE		EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE <input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT <input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY		OTHER 3-1/2"			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
U-5	1'	0.59	—	0.59	None	—	None
	2'	0.70	—	0.70	"	—	None
	3'	0.60	—	0.60	"	—	None
	4'	0.61	—	0.61	"	—	None
	5'	0.83	—	0.83	"	—	None
	7'	0.26	—	0.26	"	—	Orange Tan fs
	9'	0.53	—	0.53	"	—	Tan Orange fs
	11'	0.35	—	0.35	"	—	Tan fs
	13'	0.38	—	0.38	"	—	" wet
	14'	0.26	—	0.26	"	—	" wet
K-10	1'	1.17	—	1.17	None	—	Brw fs
	2'	0.48	—	0.48	"	—	Grey fs
	3'	0.33	—	0.33	"	—	"
	4'	0.45	—	0.45	"	—	Tan fs
	5'	0.40	—	0.40	"	—	" wet silt
	7'	0.35	—	0.35	"	—	Tan fs w silt-clay
	11'	0.45	—	0.45	Sil. Bot det.	—	Orange fs
	13'	0.33	—	0.33	"	—	Tan fs
	13'	0.40	—	0.40	"	—	" wet
	14'	0.43	—	0.43	"	—	" wet

(Back ground 0.34)

PREPARED BY: A. Acosta

# SOIL OVA SAMPLE DATA

DATE: <u>4/3/2019</u>		PROJECT NAME: <u>City Soccer</u>		SHEET <u>54</u> OF <u>59</u>			
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <u>TAB-602 C15718196</u> <u>Area: ME 014950</u>		CALIBRATION DATE/STANDARD: <u>0+85+100/mg 1/2/2019</u>		PROJECT NO: <u>06631995</u>			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GLASS <input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		<input checked="" type="checkbox"/> OTHER <u>250b.</u>			
SAMPLE METHOD: <input type="checkbox"/> HAND AUGER <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> ALCONOX WASH		<input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE		<input type="checkbox"/> OTHER <u>Grassbrook</u>			
<input type="checkbox"/> FLAME IONIZATION DETECTOR (FID)		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> DIST/DEION 2 RINSE		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE <input type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
<u>1-8</u>	<u>1'</u>	<u>3.43</u>	<u>—</u>	<u>0.0</u>	<u>None</u>	<u>—</u>	<u>Brown fs</u>
	<u>2'</u>	<u>3.47</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Gray fs</u>
	<u>3'</u>	<u>3.40</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Light gray fs</u>
	<u>4'</u>	<u>3.46</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>White gray fs</u>
	<u>5'</u>	<u>3.43</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>gray fs and some silt</u>
	<u>7'</u>	<u>3.45</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Tan fs</u>
	<u>9'</u>	<u>3.44</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Gray fs</u>
	<u>11'</u>	<u>3.87</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Tan fs</u>
	<u>13'</u>	<u>3.42</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>"</u>
	<u>14'</u>	<u>3.92</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>"</u>
<u>1-9</u>	<u>1'</u>	<u>3.51</u>	<u>—</u>	<u>0.0</u>	<u>None</u>	<u>—</u>	<u>Black top soil</u>
	<u>2'</u>	<u>3.47</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Brown fs</u>
	<u>3'</u>	<u>3.39</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Tan fs</u>
	<u>4'</u>	<u>3.45</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>"</u>
	<u>5'</u>	<u>3.48</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Brown fs wet silt</u>
	<u>7'</u>	<u>3.21</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>"</u>
	<u>9'</u>	<u>3.09</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>Tan fs</u>
	<u>11'</u>	<u>3.32</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>" moist</u>
	<u>13'</u>	<u>3.04</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>" wet</u>
	<u>14'</u>	<u>3.10</u>	<u>—</u>	<u>0.0</u>	<u>"</u>	<u>—</u>	<u>" wet</u>
PREPARED BY: <u>A. Mack</u>							

Background = 3.66 ppm







# SOIL OVA SAMPLE DATA

SHEET 58 OF 59  
 PROJECT NO: 06631995

DATE: 5/13/14 PROJECT NAME: City Soccer

FID  PID MODEL & SERIAL NO: Coching out 08 Moby Mini HAF Like 580 CALIBRATION DATE/STANDARD: 9/13/08 + 100 µm 5/13/14

HEADSPACE CONTAINER:  16 OZ GLASS  8 OZ GLASS  1 JAR  2 JAR  ZIP-LOC  OTHER 3L Jar

SAMPLE METHOD:  HAND AUGER  SOLID STEM  SPLIT SPOON  CORER  OTHER Moore Geo.

EQUIP DECON:  TAP WATER WASH  LIQUINOX WASH  DIST/DEION 1 RINSE  ISOPROPANOL  ANALYTE FREE FINAL RINSE  TAP WATER FINAL RINSE

ALCONOX WASH  LIQUINOX WASH  DIST/DEION 2 RINSE  OTHER SOLVENT  DIST/DEION FINAL RINSE  FAIR DRY

SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
L-3	1'	<1		0.0	None		Blue fs
	2'	<1		0.0	"		Tan fs
	3'	<1		0.0	"		"
	4'	<1		0.0	"		Blue fs
	5'	<1		0.0	"		Tan fs
	7'	<1		0.0	"		Tan Grays fs w/ silt
	9'	<1		0.0	"		"
	11'	<1		0.0	"		Tan fs w/ silt
	13'	<1		0.0	"		"
	14'	<1		0.0	"		"
L-4	1'	<1		0.0	None		Blue fs
	2'	<1		0.0	"		"
	3'	<1		0.0	"		"
	4'	<1		0.0	"		Tan fs
	5'	<1		0.0	"		White fs
	7'	<1		0.0	"		Tan fs w/ silt
	9'	<1		0.0	"		"
	11'	<1		0.0	"		Tan fs w/ silt
	13'	<1		0.0	"		"
	14'	<1		0.0	"		"

PREPARED BY: A. Neesk

Prek Background ~ 0.1 ppm  
 FID Background ~ 7.5 ppm

# SOIL OVA SAMPLE DATA

DATE: <u>5/13/14</u>		PROJECT NAME: City Soccer		SHEET <u>2859</u> OF <u>39</u>			
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <u>Coulby OVA 400 AZ2004/Mini PAF 580-903402</u>		CALIBRATION DATE/STANDARD: <u>95+10,000+100 ppm 5/13/14</u>		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> ZIP-LOC			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> CORER			
EQUIP DECON: <input checked="" type="checkbox"/> TAP WATER WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> ANALYTE FREE FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH		<input checked="" type="checkbox"/> DIST/DEION FINAL RINSE			
<input type="checkbox"/> TAP WATER WASH		<input type="checkbox"/> ISOPROPANOL		<input type="checkbox"/> TAP WATER FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH		<input type="checkbox"/> DIST/DEION 2 RINSE		<input type="checkbox"/> OTHER SOLVENT			
<input type="checkbox"/> TAP WATER WASH		<input type="checkbox"/> OTHER SOLVENT		<input type="checkbox"/> AIR DRY			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)			
L-5	1'	<1	<1	<1	0.0	None	Brown fgs
	2'	<1	<1	<1	0.0	"	"
	3'	<1	<1	<1	0.0	"	Tan fgs
	4'	<1	<1	<1	0.0	"	"
	5'	<1	<1	<1	0.0	"	"
	7'	<1	<1	<1	0.0	"	Tan fgs w/ large clay
	9'	<1	<1	<1	0.0	"	"
	11'	<1	<1	<1	0.0	"	Brown tan fgs w/ clay
	13'	<1	<1	<1	0.0	"	Tan fgs moist
	14'	<1	<1	<1	0.0	"	" " moist
L-6	1'	<1	<1	<1	0.0	"	Brown fgs
	2'	<1	<1	<1	0.0	"	"
	3'	<1	<1	<1	0.0	"	"
	4'	<1	<1	<1	0.0	"	"
	5'	<1	<1	<1	0.0	"	Tan fgs
	7'	<1	<1	<1	0.0	"	Tan fgs w/ silt
	9'	<1	<1	<1	0.0	"	"
	11'	<1	<1	<1	0.0	"	"
	13'	<1	<1	<1	0.0	"	" moist
	14'	<1	<1	<1	0.0	"	" moist
		<1	<1	<1	0.0	"	White fgs wet

PID Background  $\approx$  0.1 ppm  
 FID Background  $\approx$  8.0 ppm

PREPARED BY: A. Hestek

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-1/M-5  
 PERMIT NO: \_\_\_\_\_

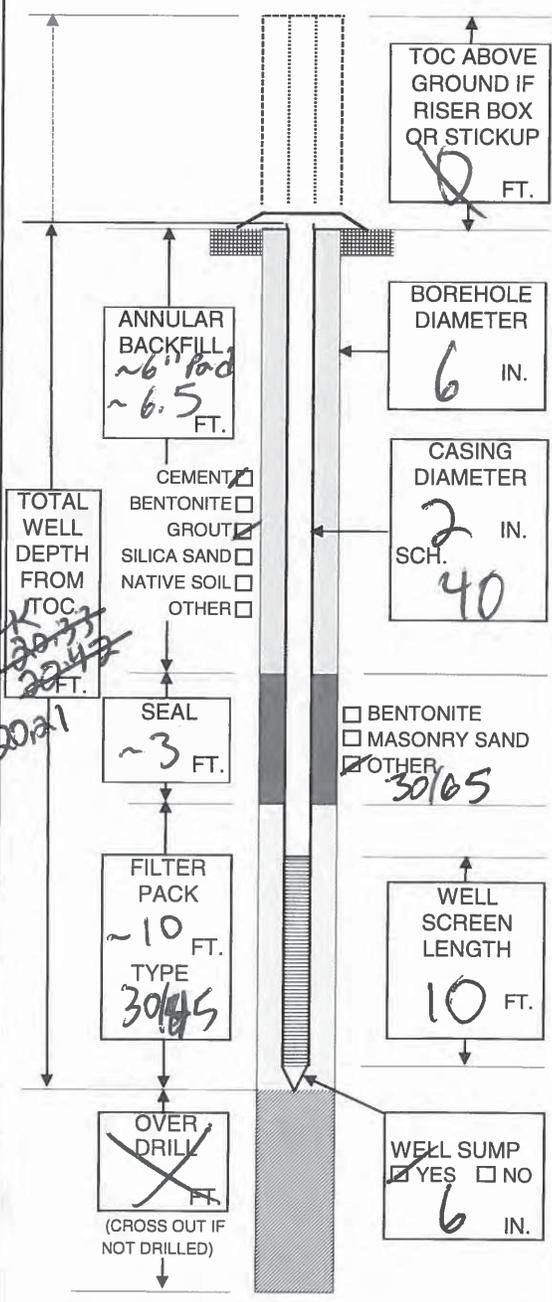
DATE: 2/26/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN:  
Central Church Blvd  
mrb  
m-7  
m-5/  
MW-1

SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Thop + Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC

## INSTALLATION DATA



DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER \_\_\_\_\_

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER \_\_\_\_\_

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_

PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS < 1/2  
 OTHER \_\_\_\_\_

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_

TIME:  10 MIN  20 MIN  OTHER 15 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 18 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1/3  
 TREATED  POTW  OTHER \_\_\_\_\_

WATER LEVEL: INITIAL 12.66 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: DLK

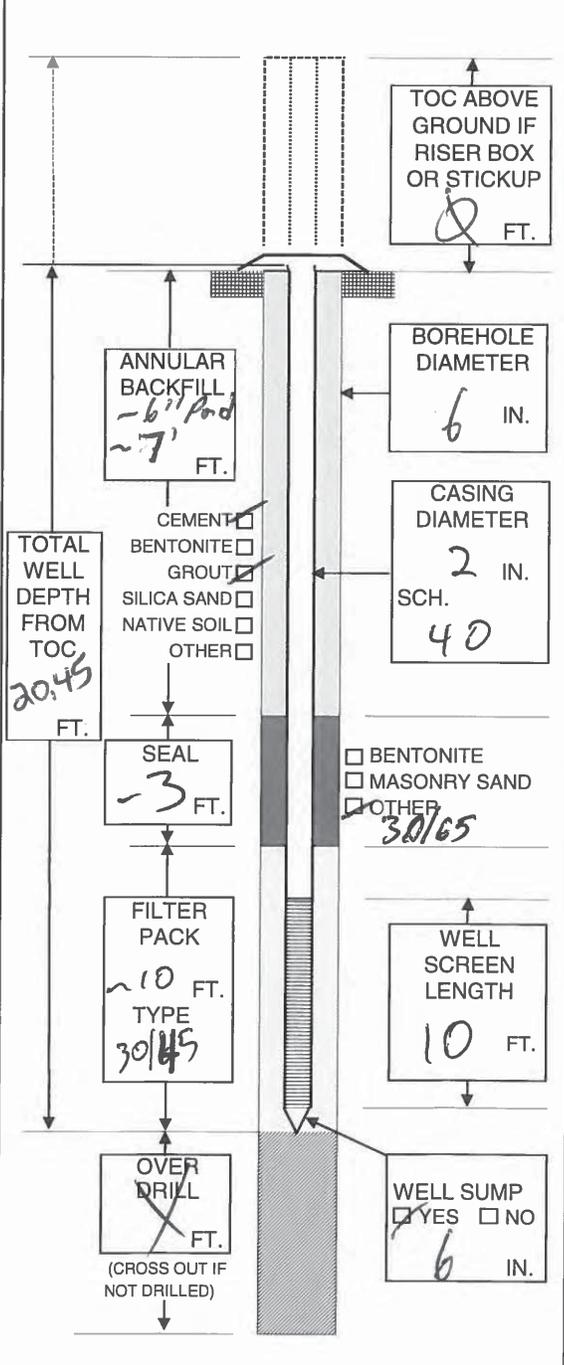
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-2/C-5  
 PERMIT NO: \_\_\_\_\_

DATE: 2/26/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN: Central Blvd 6-51 7A-2 C-10 C-9  
 SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo + Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER \_\_\_\_\_  
 CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER \_\_\_\_\_  
 PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_  
 WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN  
 DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_  
 CENTRALIZER:  YES  NO  
 COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_  
 CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS < 1/2  
 OTHER \_\_\_\_\_  
 DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_  
 TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 12 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_  
 DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS < 1/3  
 TREATED  POTW  OTHER \_\_\_\_\_  
 WATER LEVEL: INITIAL 13.49 FT  BTOC  BLS  
 DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

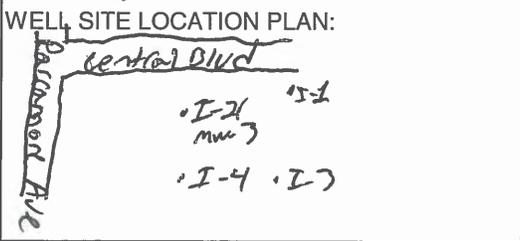
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: DLK

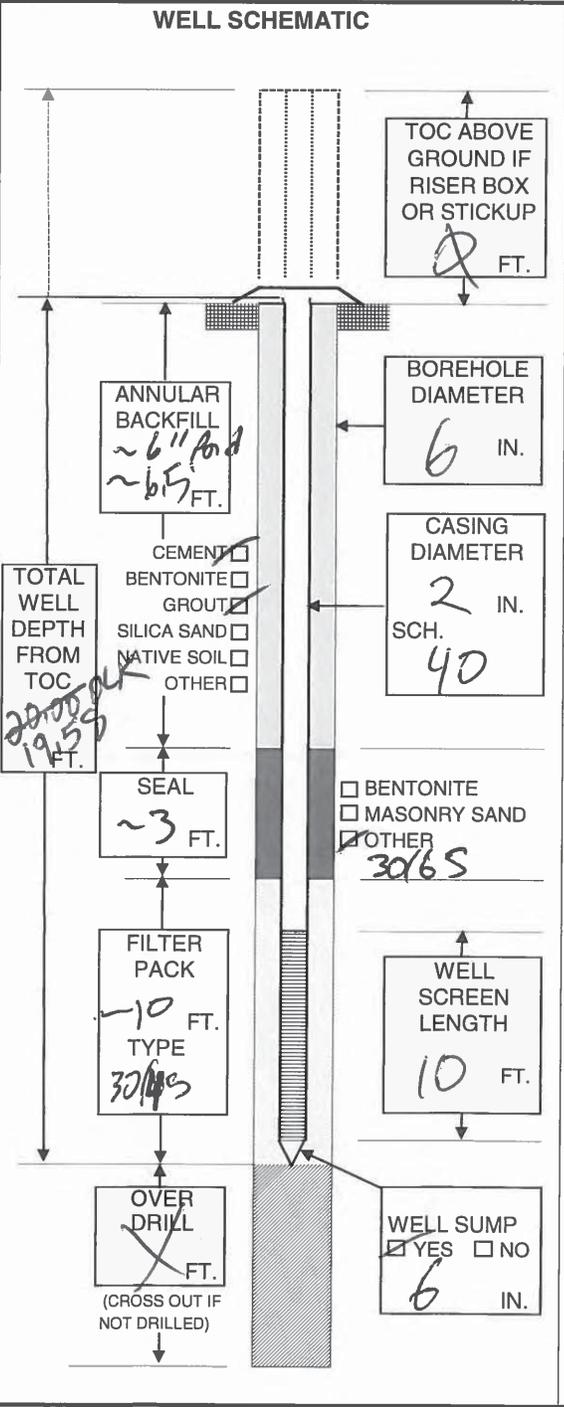
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-3/I-2  
 PERMIT NO:

DATE: 2/26/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo + Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER \_\_\_\_\_

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER \_\_\_\_\_

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_

PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1 1/2

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 12 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1 1/3  
 TREATED  POTW  OTHER \_\_\_\_\_

WATER LEVEL: INITIAL 13.40 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

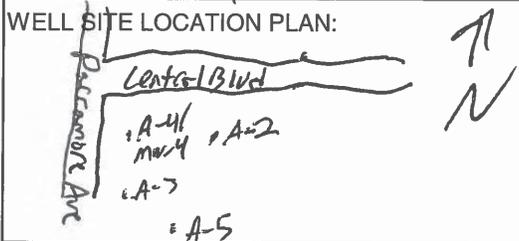
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: DLK

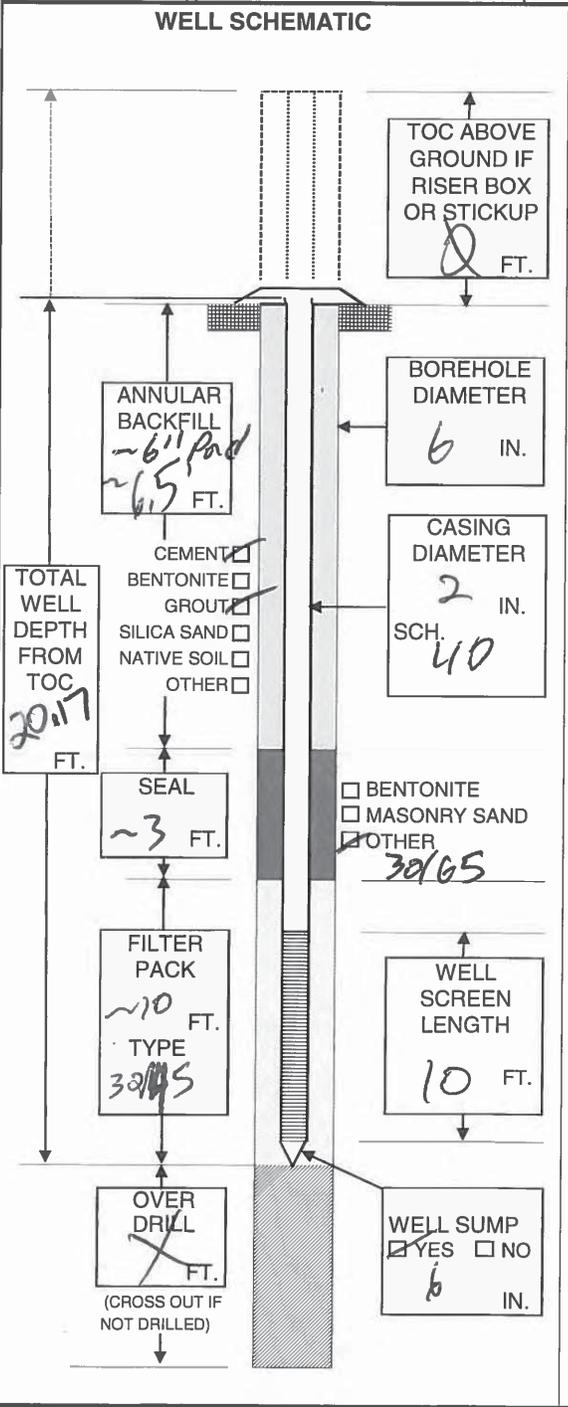
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: mw 4/A-4  
 PERMIT NO:

DATE: 2/26/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATF  
 DRILL CREW: Theo + Tord  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



**INSTALLATION DATA**

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER \_\_\_\_\_

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER \_\_\_\_\_

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_

PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD  OTHER \_\_\_\_\_  
 NUMBER OF DRUMS 1/2

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_  
 TIME:  10 MIN  20 MIN  OTHER 14 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 12 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD  TREATED  POTW  OTHER \_\_\_\_\_  
 NUMBER OF DRUMS 1/3

WATER LEVEL: INITIAL 13.85 FT.  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

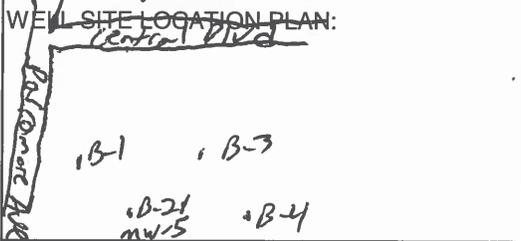
PREPARED BY: DLK

DLK  
2/27/14

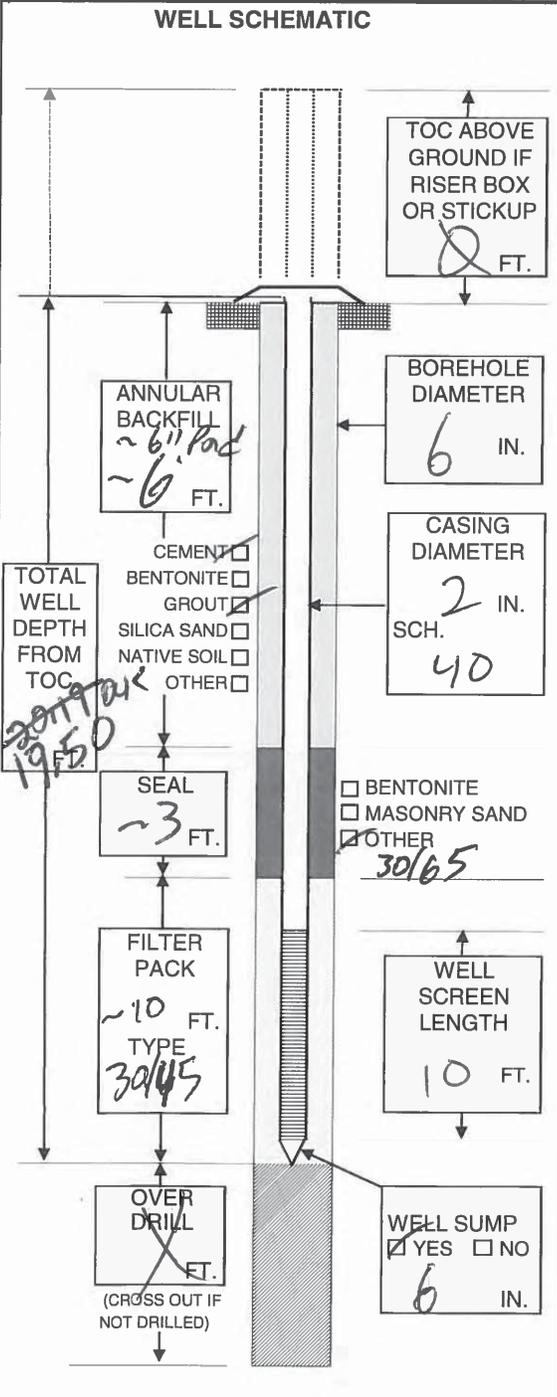
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-5/B-2  
 PERMIT NO:  
 PROJECT NO: 06631995

DATE: 2/27/14 PROJECT NAME: City Soccer



SEC: TWN: RGE: LAT: LONG:  
 DRILLING CO: ATI  
 DRILL CREW: theo + Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1/2  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 15 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 13 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1/3  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 13.10 FT  BTOC  BLS

DATE: FT BELOW TOC  
 DATE: FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)  
TWO BTOC = 19.89

PREPARED BY: DLK

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-6/M-13  
 PERMIT NO:

DATE: 2/27/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

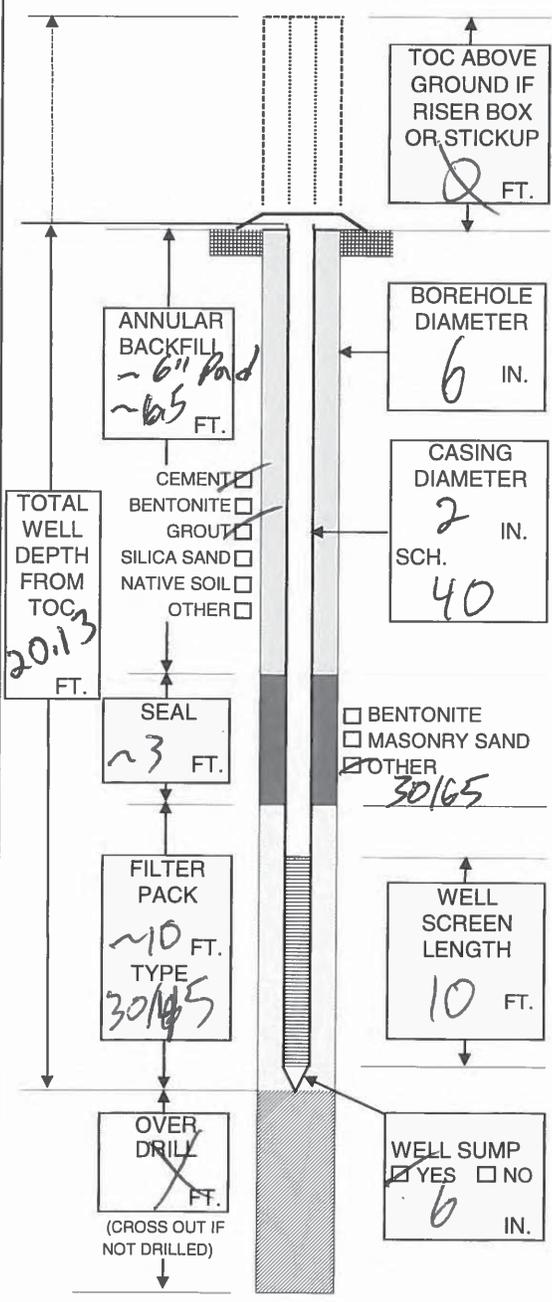
WELL SITE LOCATION PLAN: Central Blvd N  
 • M-12  
 • M-13/MW-6  
 • MW-10

SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATZ  
 DRILL CREW: Theo + Tony

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1 1/2  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 15 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 15 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 13.10 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: DUC

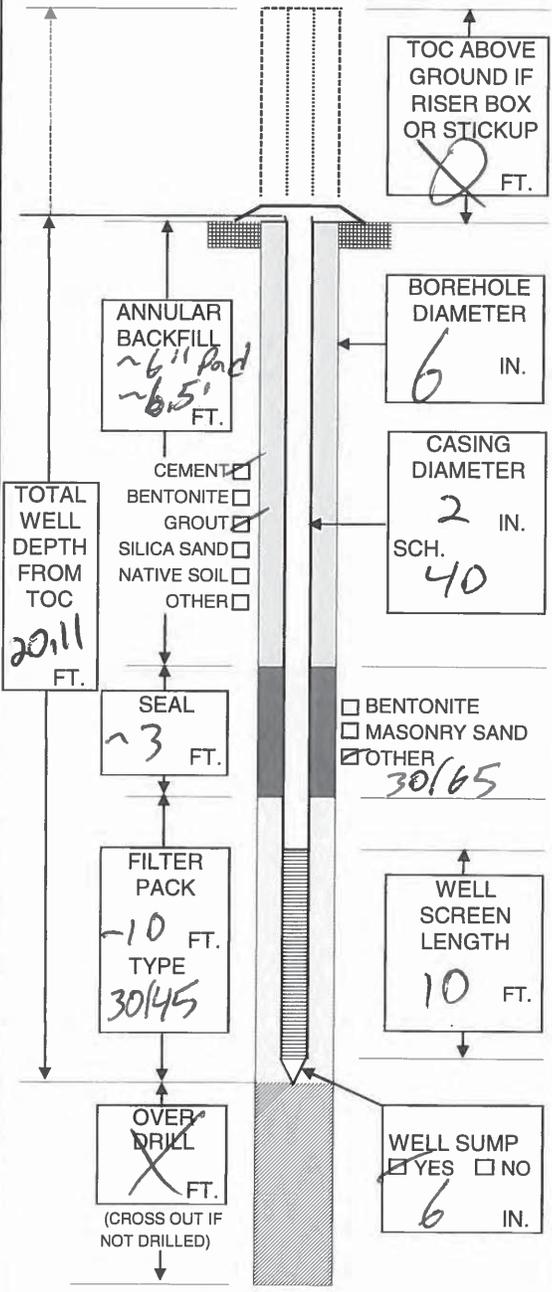
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-7/C-1  
 PERMIT NO:

DATE: 2/27/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN: Central Blvd SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo + Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.06 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 2 1/2

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 36 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1/2  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 13.10 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

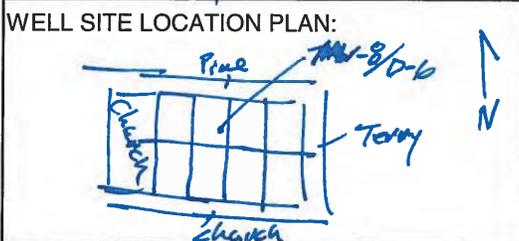
PREPARED BY: DLK

# MONITORING WELL CONSTRUCTION DATA

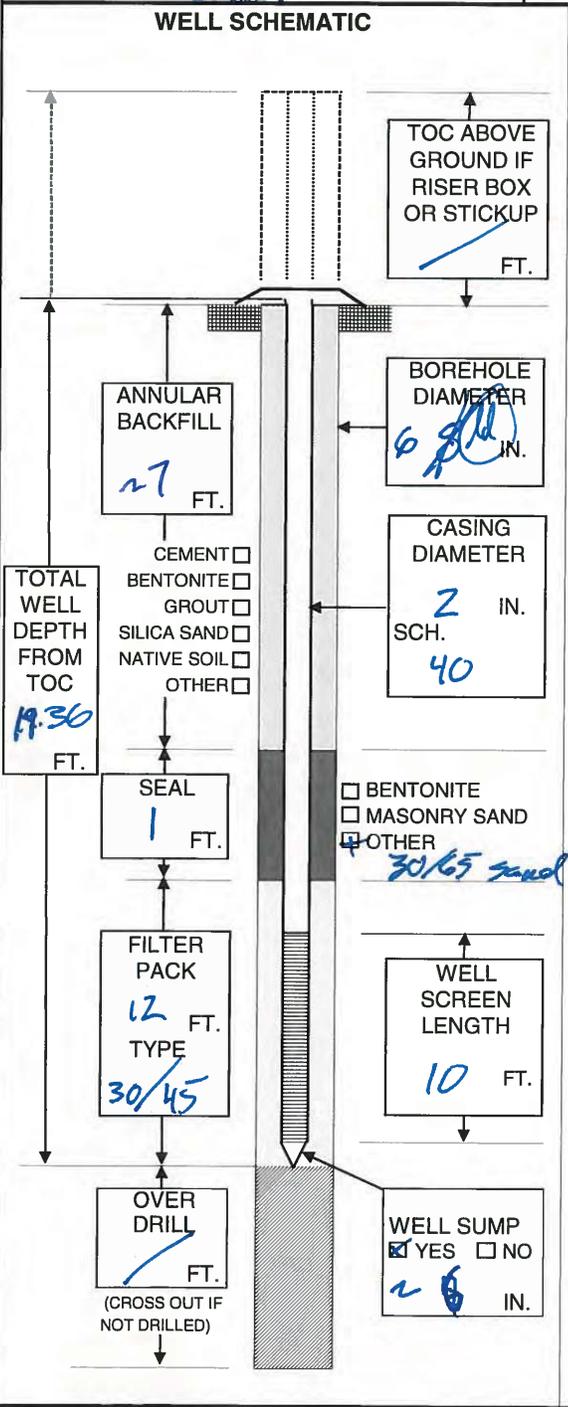
WELL/BORING NO: MW-8/D-6  
 PERMIT NO:

DATE: 3/4/14 PROJECT NAME: City Soccer

PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo and Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



**INSTALLATION DATA**

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS \_\_\_\_\_  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 25 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 40  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 13.56 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

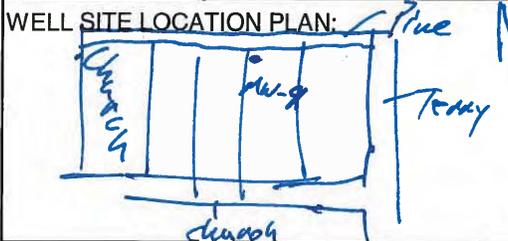
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

# MONITORING WELL CONSTRUCTION DATA

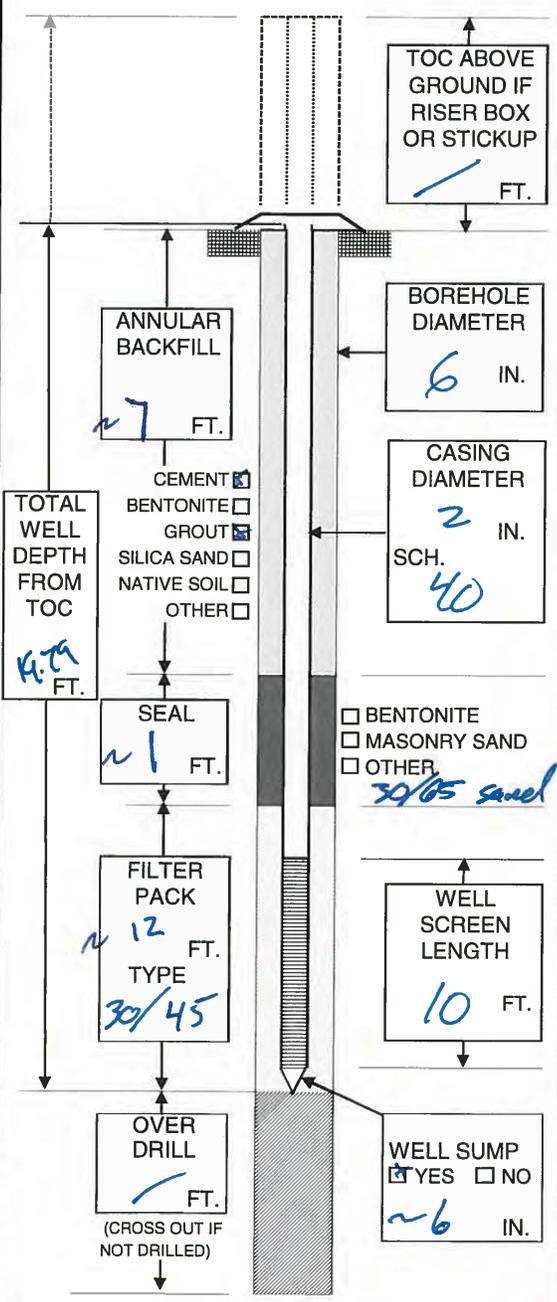
WELL/BORING NO: MW-9/G-4  
 PERMIT NO:

DATE: 3/4/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Thos and Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS \_\_\_\_\_  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 25 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1/2  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 12.64 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

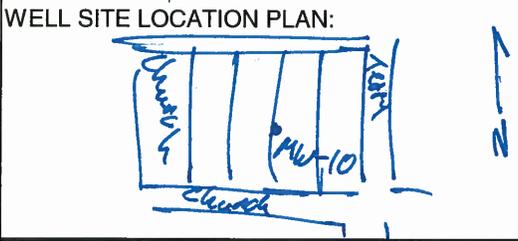
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

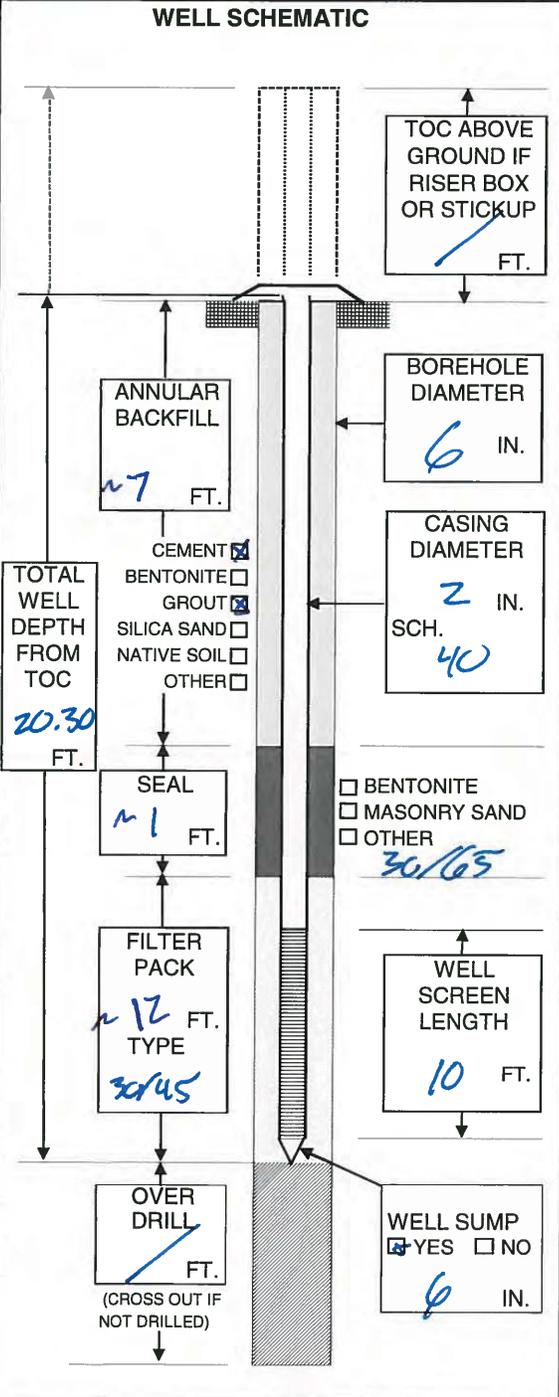
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-102/H-1  
 PERMIT NO:

DATE: 3/4/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo and Tom  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED NUMBER OF DRUMS ~1  
 SPREAD  OTHER \_\_\_\_\_

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_  
 TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER ~25 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS ~1/2  
 SPREAD  TREATED  POTW  OTHER \_\_\_\_\_

WATER LEVEL: INITIAL 11.92 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

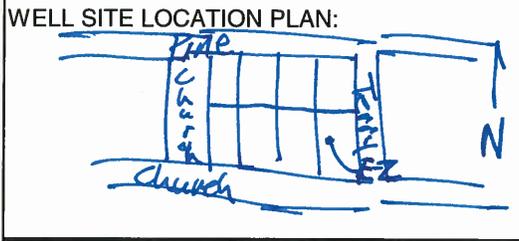
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Hoek

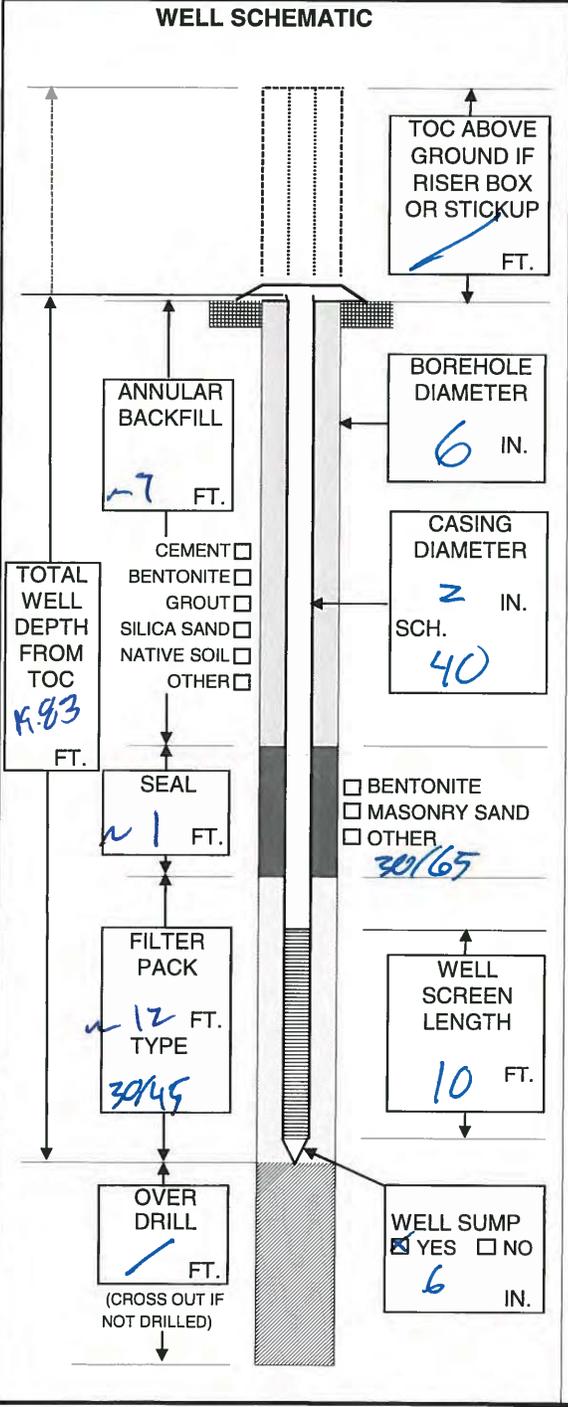
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-11/E-2  
 PERMIT NO:

DATE: 3/4/15 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Thao and Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.036 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 19  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 25 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 212  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 12.23 FT.  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Deasfa

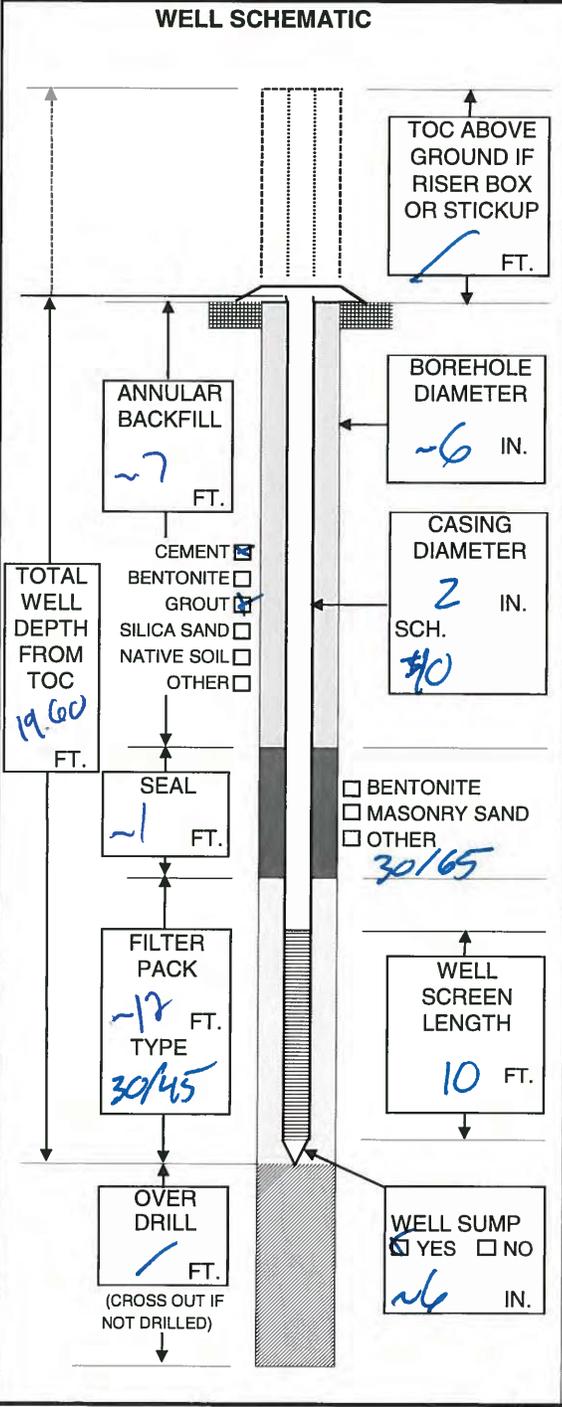
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-12/F-6  
 PERMIT NO:

DATE: 3/4/2014 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo and Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS \_\_\_\_\_  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER ~25 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS ~1/2  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 13.13 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

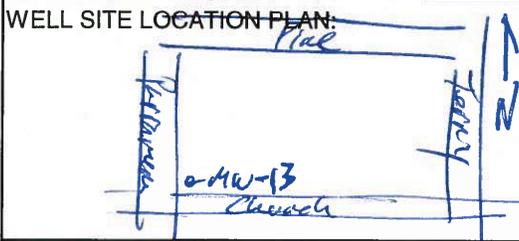
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

# MONITORING WELL CONSTRUCTION DATA

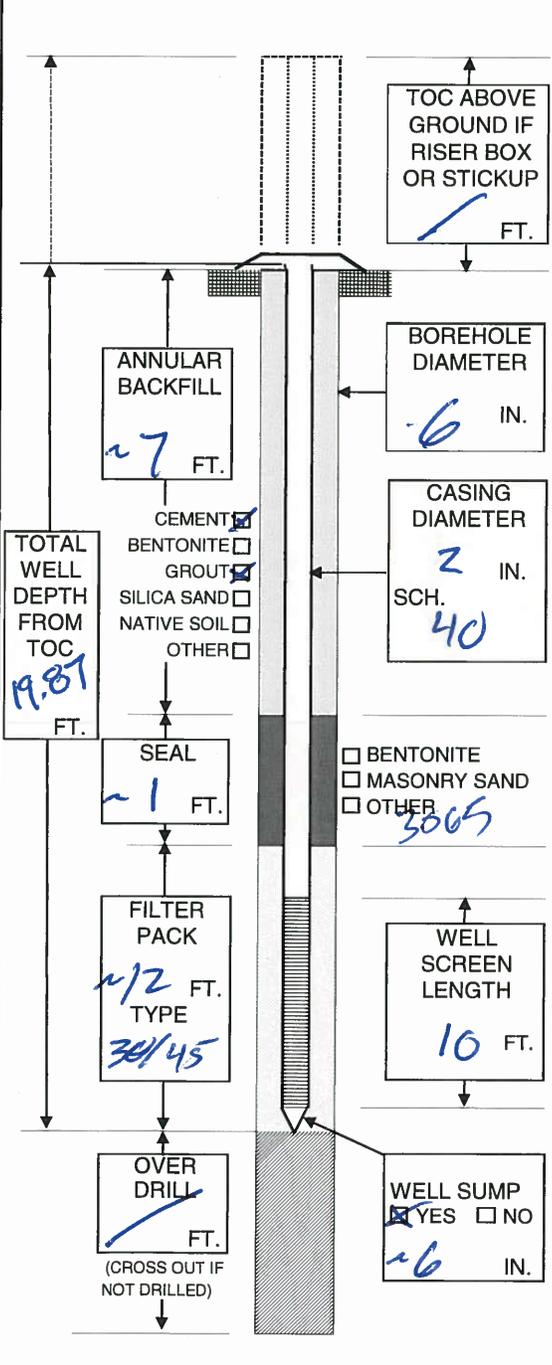
WELL/BORING NO: MW-13/K-1  
 PERMIT NO:

DATE: 3/5/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Tree and Top  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'x2'  4'x4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1/3  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 25 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1/2  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 1301 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

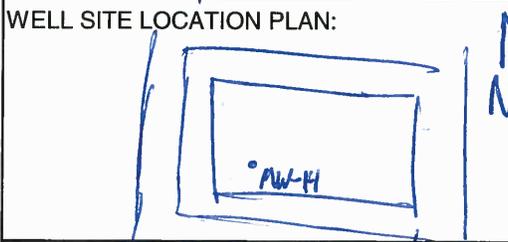
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Hooper

# MONITORING WELL CONSTRUCTION DATA

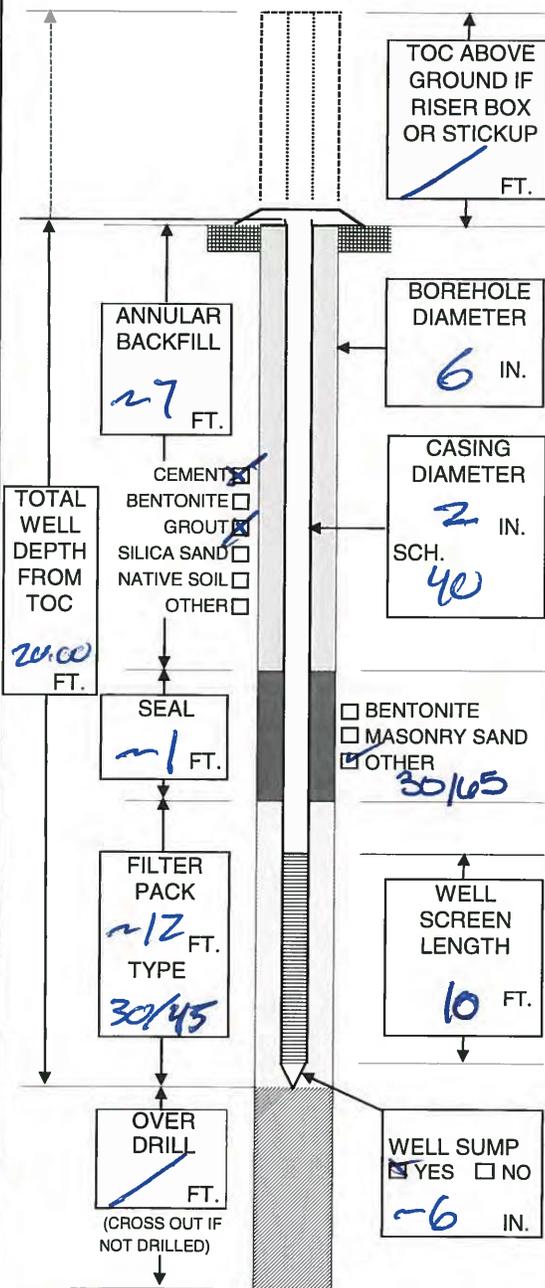
WELL/BORING NO: MW-H/K-9  
 PERMIT NO:

DATE: 3/5/14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: TWN: RGE: LAT: LONG:  
 DRILLING CO: ATI  
 DRILL CREW: Ther and Tony  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 13  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 15 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 13  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 12.87 FT  BTWC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-15/5-7

PERMIT NO:

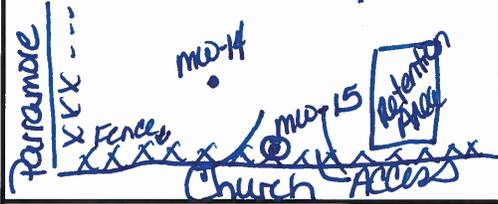
DATE: 3/7/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: ↑ N 10TS

SEC: TWN: RGE: LAT: LONG:

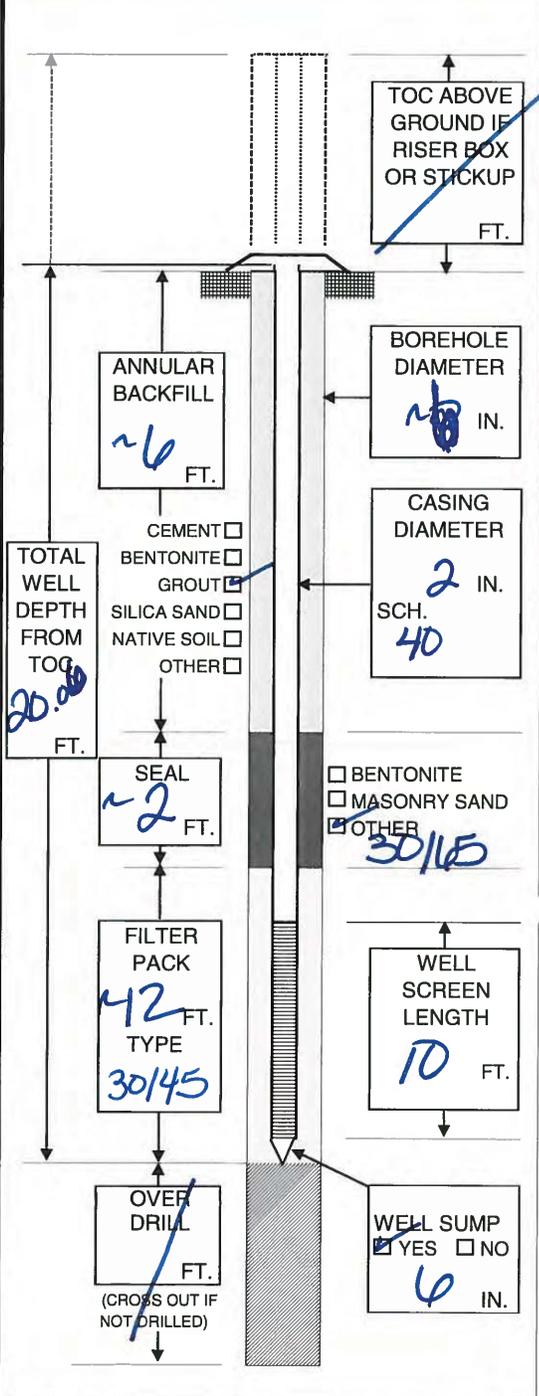


DRILLING CO: ATI

DRILL CREW: Theo (Driller) Tony (Helper)

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER locking manhole cover  
 PAD:  2'x2'  4'x4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 25 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 178 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE Sl. petro.

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.46 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: [Signature]

# MONITORING WELL CONSTRUCTION DATA

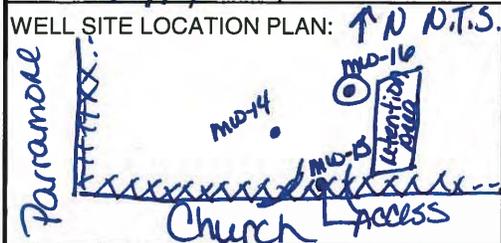
WELL/BORING NO: M10-116/K-10

PERMIT NO:

DATE: 3/17/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995



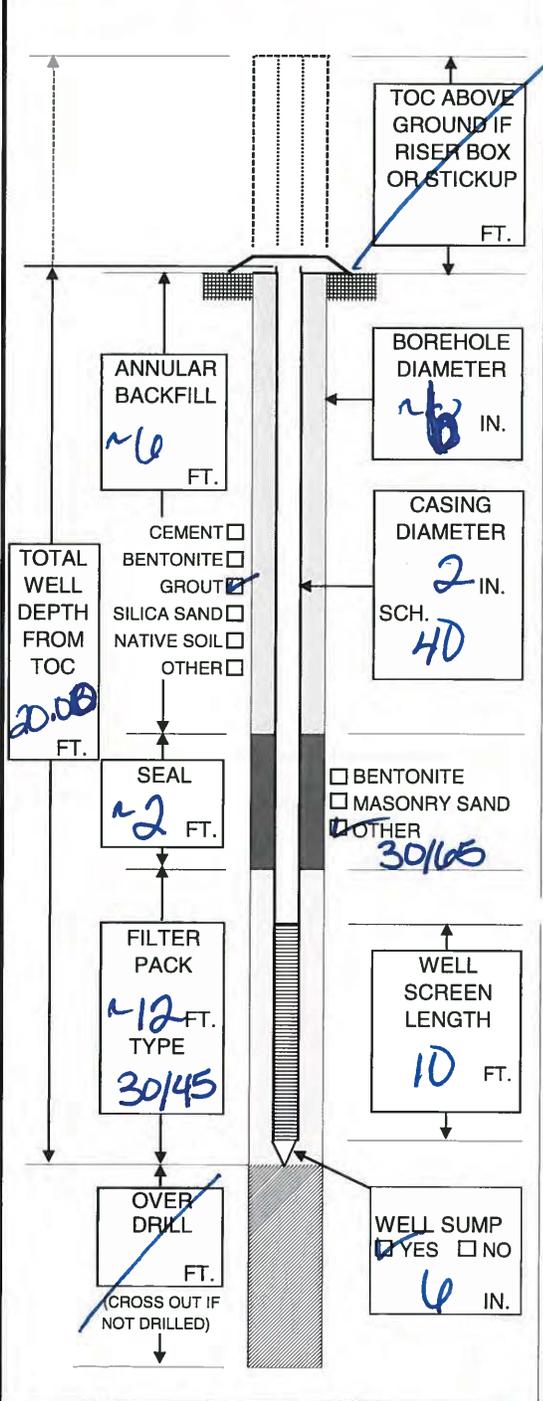
SEC:      TWN:      RGE:      LAT:      LONG:

DRILLING CO: ATI

DRILL CREW: Med (Drilled) Tony (Helper)

WELL TYPE:  SHALLOW     SINGLE CASED     MONITORING  
 PERMANENT     INTERMEDIATE     DOUBLE CASED     RECOVERY  
 TEMPORARY     DEEP     OTHER     OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN     HIGH PRESSURE WASH  
 SOAP WASH     OTHER

CASING TYPE:  PVC     STAINLESS     TEFLON     OTHER  
 JOINTS:  THREADED     WELDED     COUPLED  
 SCREWED     OTHER

PIT CASING:  YES     NO     DESCRIBE

WELL SCREEN:  PVC     STAINLESS     TEFLON     OTHER  
 DIAMETER:  2"     4"     6"     OTHER    IN  
 SLOT:  0.010     0.020     OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM     HOLLOW STEM     MUD ROTARY  
 AIR ROTARY     DIRECT PUSH     HAND AUGER  
 OTHER

BIT SIZE:  2"     4"     6"     8"     12"     OTHER    IN

DRILLING MUD:  NONE     WATER     BENTONITE  
 OTHER

CENTRALIZER:  YES     NO

COMPLETION:  FLUSH MOUNT     STICKUP     RISER BOX  
 LOCK TYPE:  DOLPHIN     MASTER KEY NO.  
 OTHER locking manhole cover

PAD:  2'X2'     4'X4'     OTHER

CUTTINGS:  DRUMMED    NUMBER OF DRUMS 1  
 SPREAD     OTHER

DEVELOPMENT METHOD:  NONE     BAILING     PUMPING     AIR LIFT  
 SURGE & BLOCK     OTHER  
 TIME:  10 MIN     20 MIN     OTHER ~25 MIN  
 AMOUNT:  5 GAL     10 GAL     OTHER ~18 GAL

WATER BEFORE:  SILTY     TURBID     OPAQUE     CLEAR  
 WATER AFTER:  SILTY     TURBID     OPAQUE     CLEAR  
 EVIDENT ODOR:  YES     NO    TYPE

DEVELOPMENT WATER:  DRUMMED    NUMBER OF DRUMS  
 SPREAD     TREATED     POTW     OTHER

WATER LEVEL: INITIAL 12.78 FT     BTOC     BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY:

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-17/J-2  
 PERMIT NO:

DATE: 3/7/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

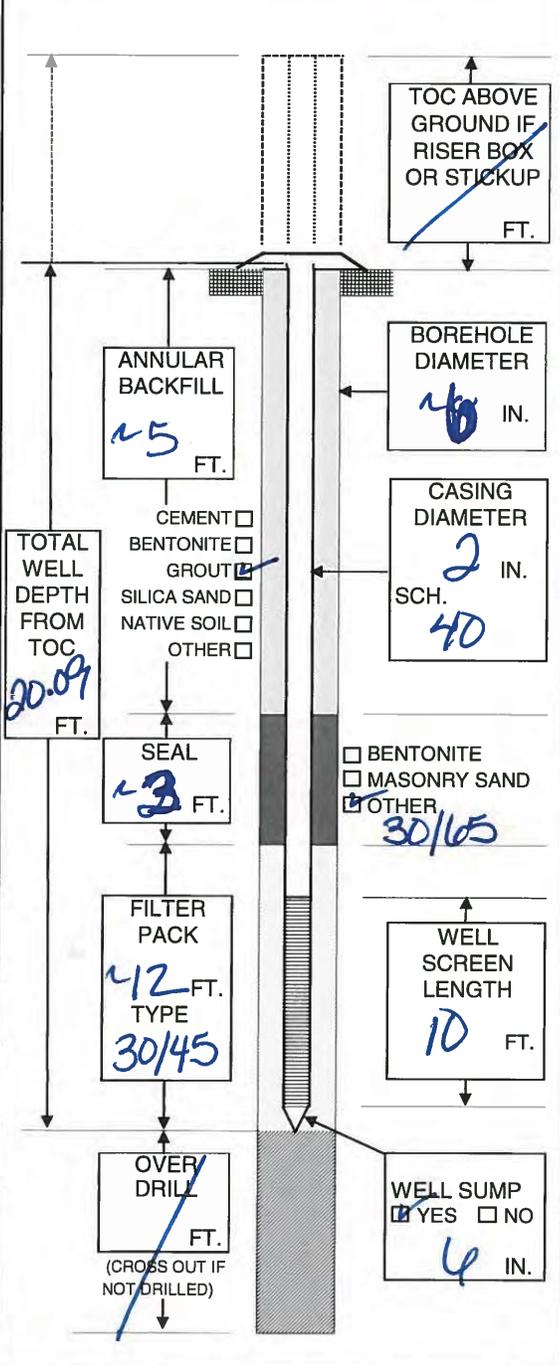
WELL SITE LOCATION PLAN: ↑ N D.T.S.  
 Church Properties Retention Area  
 Church St. 14 Limestone  
 Access

SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATI  
 DRILL CREW: Theo (Driller) Tony (Helper)

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER locking manhole cover

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 3/4  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 15 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 1137 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

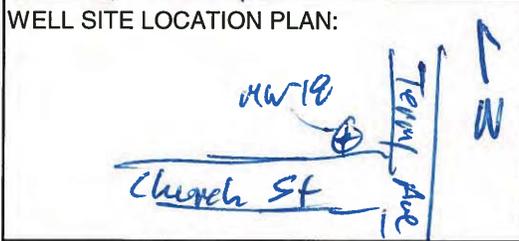
20.0320

PREPARED BY: [Signature]

# MONITORING WELL CONSTRUCTION DATA

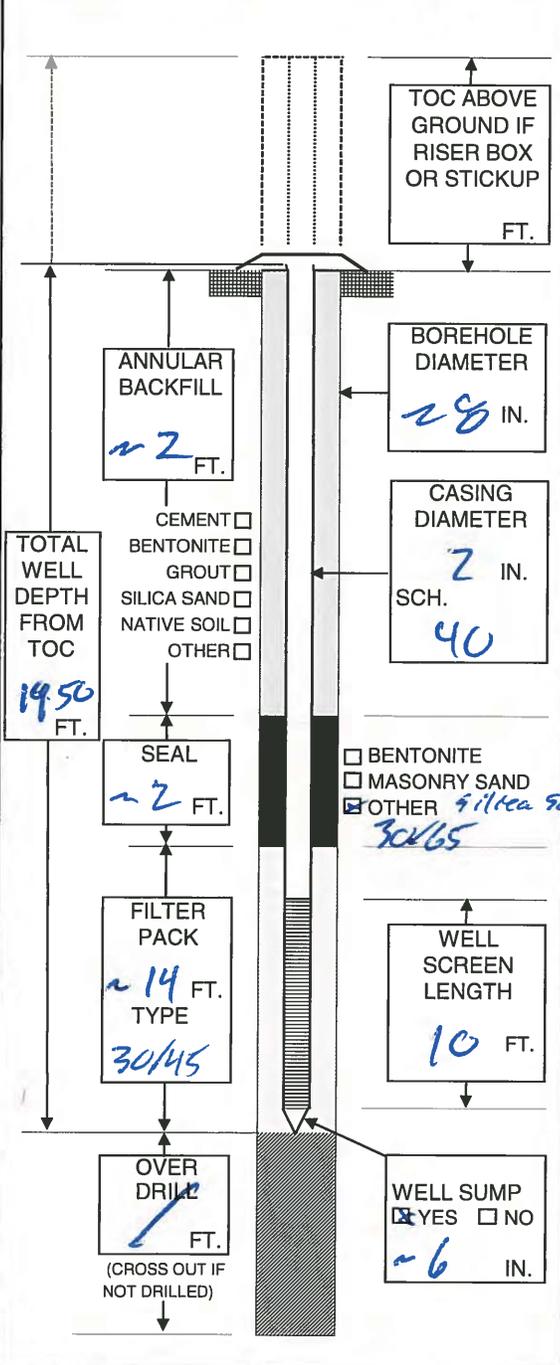
WELL/BORING NO: MW-18/D-10  
 PERMIT NO:

DATE: 4/3/2014 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Three and Terry  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER \_\_\_\_\_  
 CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER \_\_\_\_\_  
 PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_  
 WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER 0.008 IN  
 DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER \_\_\_\_\_  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER \_\_\_\_\_  
 CENTRALIZER:  YES  NO  
 COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_  
 CUTTINGS:  DRUMMED NUMBER OF DRUMS ~.5  
 SPREAD  OTHER \_\_\_\_\_  
 DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER \_\_\_\_\_  
 TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 15 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_  
 DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS 13  
 SPREAD  TREATED  POTW  OTHER \_\_\_\_\_  
 WATER LEVEL: INITIAL 11.55 FT  BTOC  BLS  
 DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC  
 NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Decoste

# MONITORING WELL CONSTRUCTION DATA

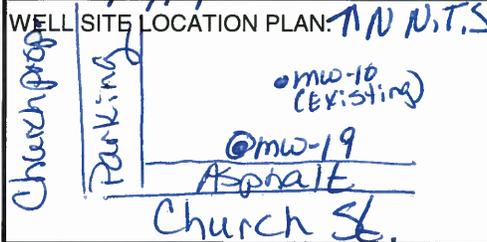
WELL/BORING NO: mwo-19

PERMIT NO:

DATE: 5/6/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995



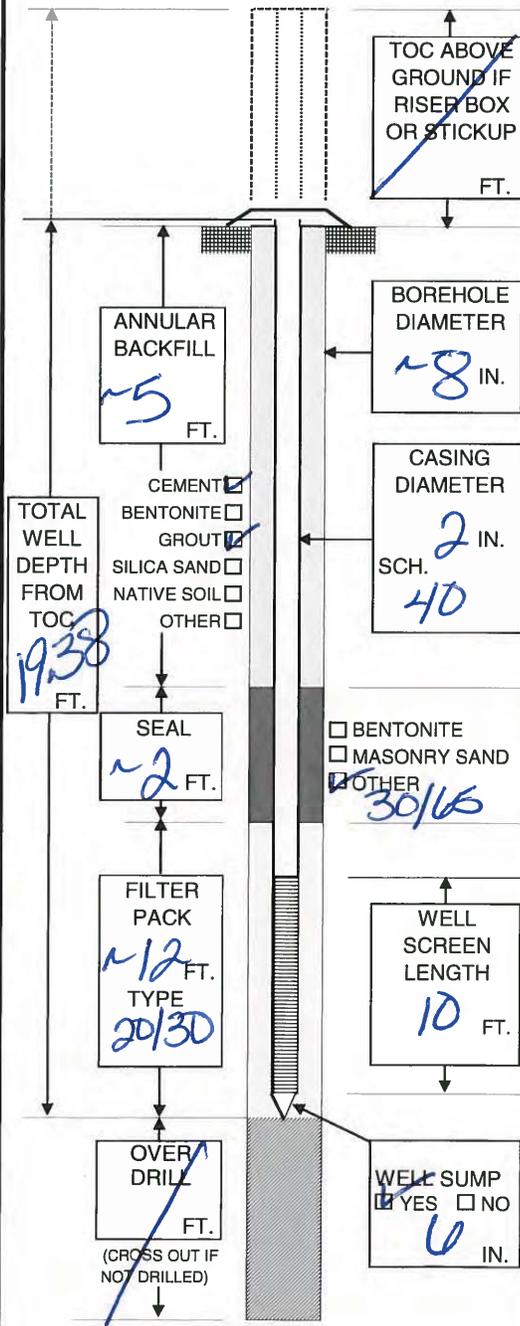
SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATI

DRILL CREW: Theo (Driller) Bobby (Helper)

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER \_\_\_\_\_ MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER ~5 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS 19  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.11 FT.  BTWC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

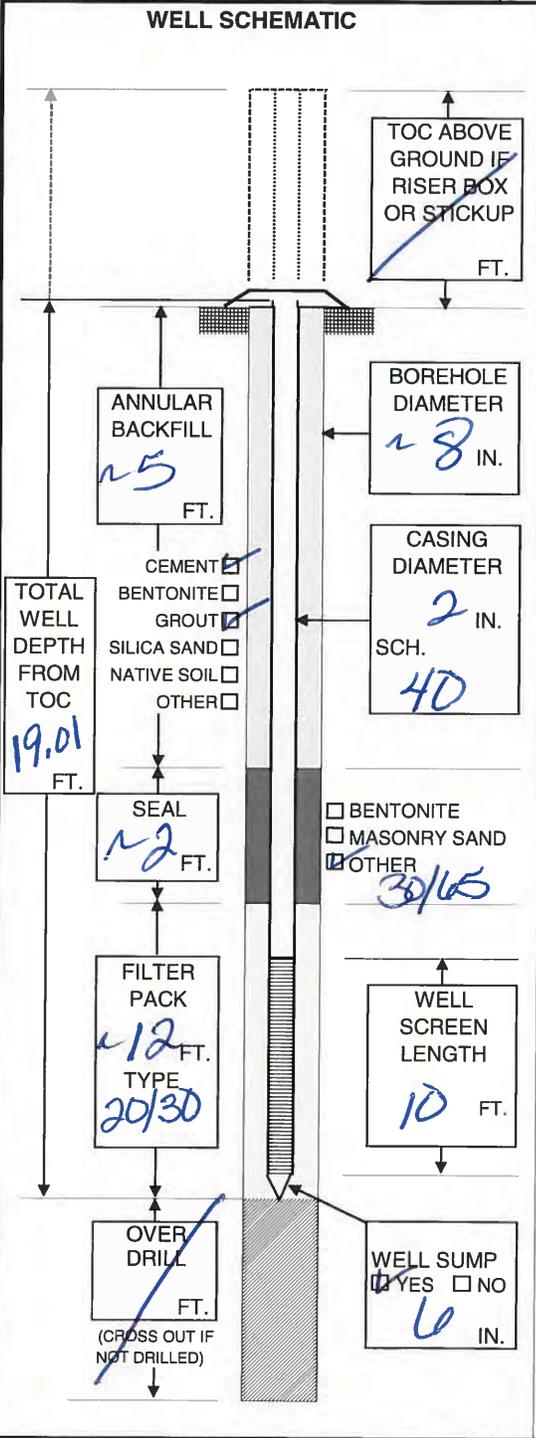
PREPARED BY: [Signature]

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: mw-20  
 PERMIT NO:

DATE: 5/6/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN: 1 N U.T.S SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo (Driller) Bobby (Helper)  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON:  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 215 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS 4  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.34 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: [Signature]

# MONITORING WELL CONSTRUCTION DATA

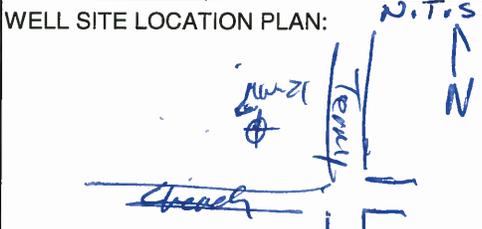
WELL/BORING NO: *MW-21*

PERMIT NO:

DATE: *5/6/14*

PROJECT NAME: City Soccer

PROJECT NO: 06631995



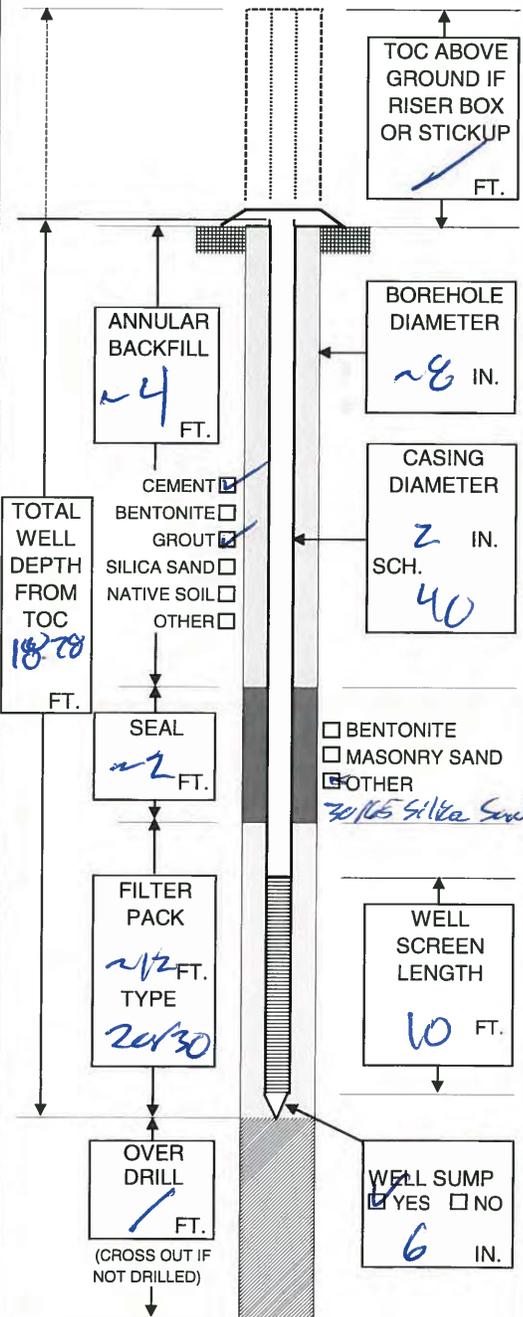
SEC:      TWN:      RGE:      LAT:      LONG:

DRILLING CO: *ATI*

DRILL CREW: *Theo and Bobby*

WELL TYPE:  SHALLOW     SINGLE CASED     MONITORING  
 PERMANENT     INTERMEDIATE     DOUBLE CASED     RECOVERY  
 TEMPORARY     DEEP     OTHER     OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN     HIGH PRESSURE WASH  
 SOAP WASH     OTHER

CASING TYPE:  PVC     STAINLESS     TEFLON     OTHER  
 JOINTS:  THREADED     WELDED     COUPLED  
 SCREWED     OTHER

PIT CASING:  YES     NO     DESCRIBE

WELL SCREEN:  PVC     STAINLESS     TEFLON     OTHER  
 DIAMETER:  2"     4"     6"     OTHER    IN  
 SLOT:  0.010     0.020     OTHER    IN

DRILLING METHOD:  SOLID STEM     HOLLOW STEM     MUD ROTARY  
 AIR ROTARY     DIRECT PUSH     HAND AUGER  
 OTHER

BIT SIZE:  2"     4"     6"     8"     12"     OTHER    IN

DRILLING MUD:  NONE     WATER     BENTONITE  
 OTHER

CENTRALIZER:  YES     NO

COMPLETION:  FLUSH MOUNT     STICKUP     RISER BOX  
 LOCK TYPE:  DOLPHIN     MASTER KEY NO.  
 OTHER

PAD:  2'X2'     4'X4'     OTHER

CUTTINGS:  DRUMMED    NUMBER OF DRUMS *1*  
 SPREAD     OTHER

DEVELOPMENT METHOD:  NONE     BAILING     PUMPING     AIR LIFT  
 SURGE & BLOCK     OTHER

TIME:  10 MIN     20 MIN     OTHER    MIN  
 AMOUNT:  5 GAL     10 GAL     OTHER *~15* GAL

WATER BEFORE:  SILTY     TURBID     OPAQUE     CLEAR  
 WATER AFTER:  SILTY     TURBID     OPAQUE     CLEAR

EVIDENT ODOR:  YES     NO    TYPE

DEVELOPMENT WATER:  DRUMMED    NUMBER OF DRUMS *14*  
 SPREAD     TREATED     POTW     OTHER

WATER LEVEL: INITIAL *11.46* FT     BTOC     BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: *A. Acosta*

# MONITORING WELL CONSTRUCTION DATA

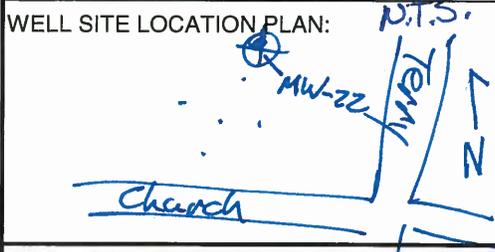
WELL/BORING NO: NW-22

PERMIT NO:

DATE: 5-6-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995



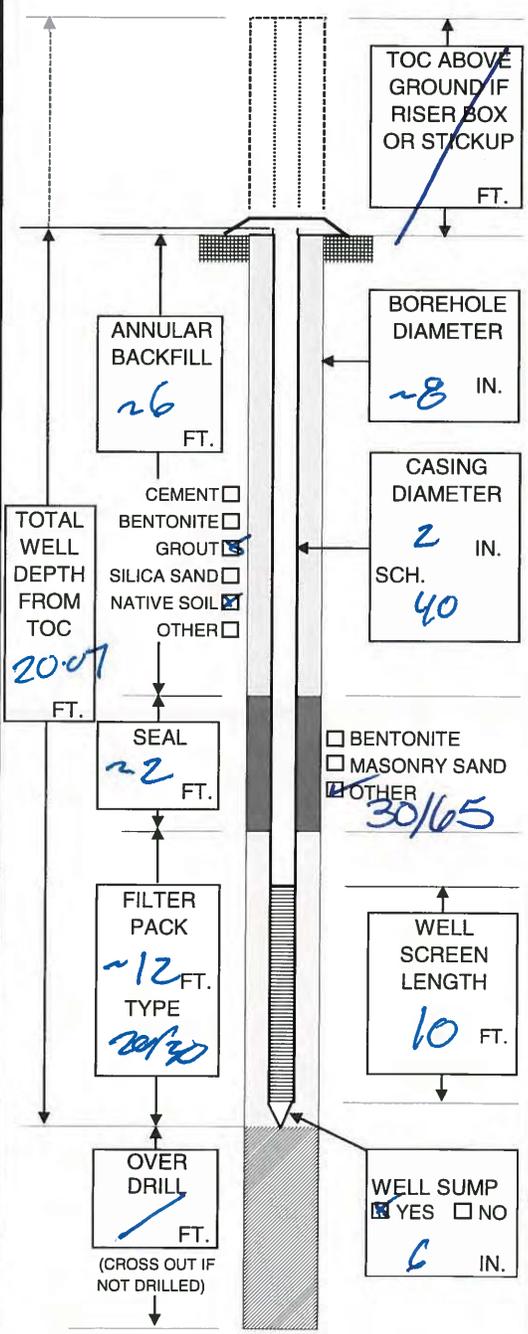
SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATI

DRILL CREW: Theo and Bobby

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON:  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD  OTHER NUMBER OF DRUMS 1

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 17 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD  TREATED  POTW  OTHER NUMBER OF DRUMS 14

WATER LEVEL: INITIAL 12.95 FT.  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: Andy Hoyle

# MONITORING WELL CONSTRUCTION DATA

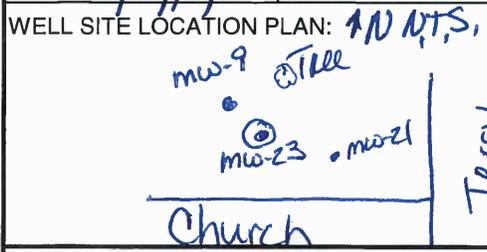
WELL/BORING NO: mw-23

PERMIT NO:

DATE: 5/7/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995



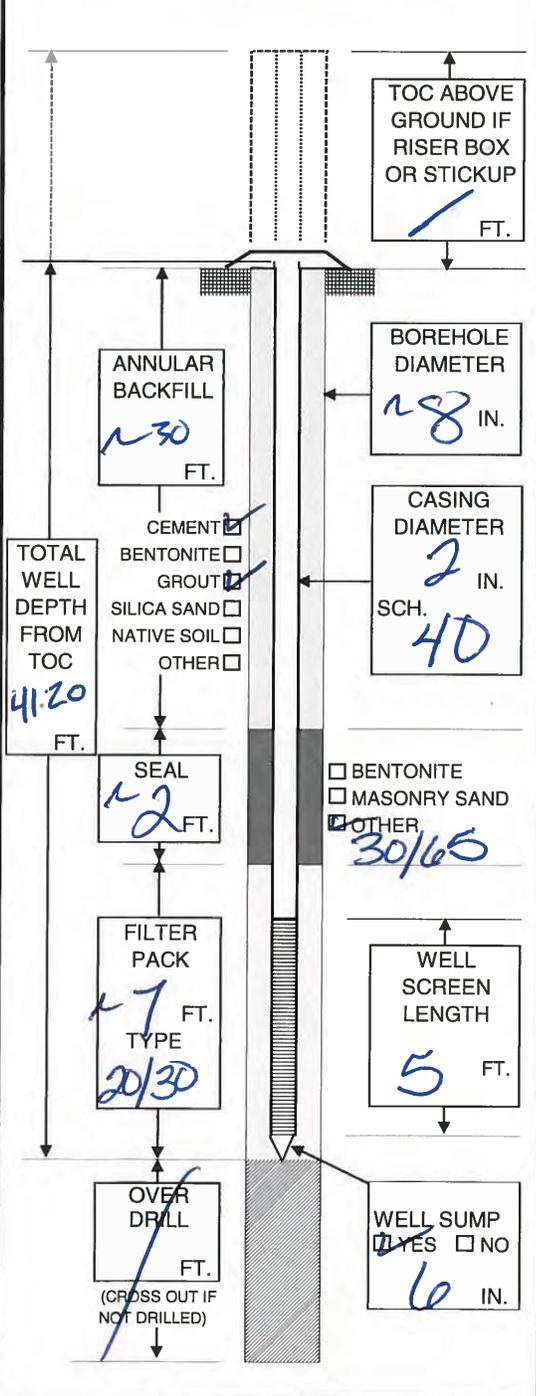
SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATI

DRILL CREW: Chad (Driller) Mike (Helper)

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER

## WELL SCHEMATIC



## INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS: 2  
 OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 60 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 240 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS: 2/3  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.30 FT.  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: [Signature]

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-24  
 PERMIT NO:

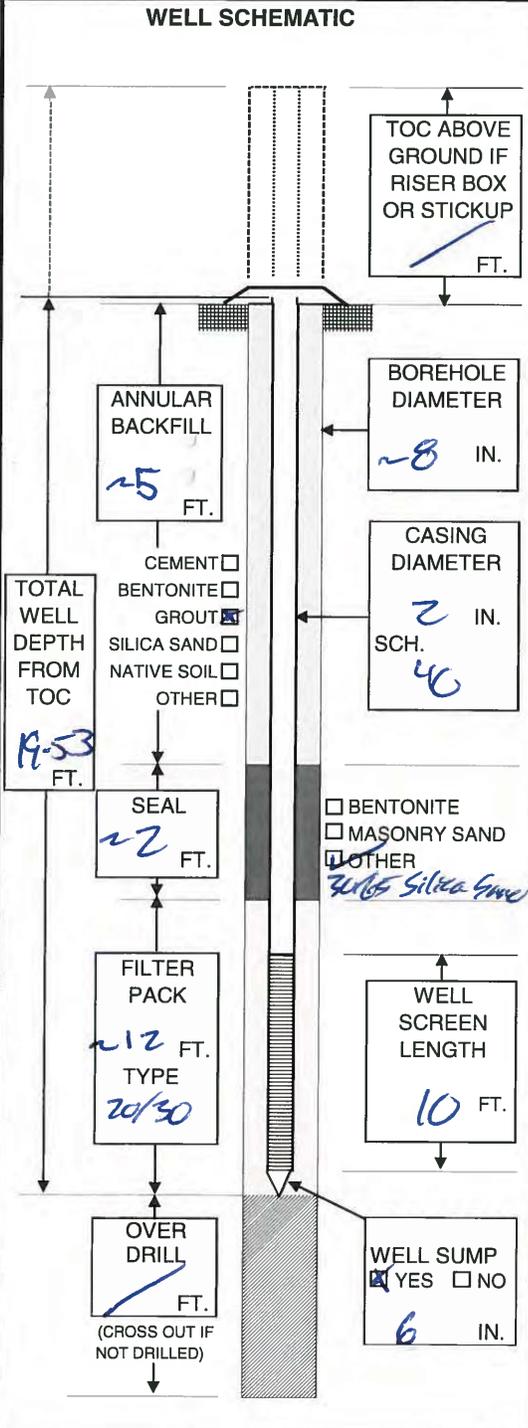
DATE: 5-8-14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN: N.T.S. SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

DRILLING CO: ATI

DRILL CREW: Trey and Bobby

WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER \_\_\_\_\_

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 30 min  
 AMOUNT:  5 GAL  10 GAL  OTHER 17 gal  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS 2/3  
 SPREAD  TREATED  POTW  OTHER \_\_\_\_\_

WATER LEVEL: INITIAL 11.50 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

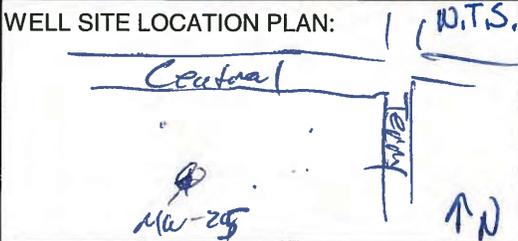
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Aosta

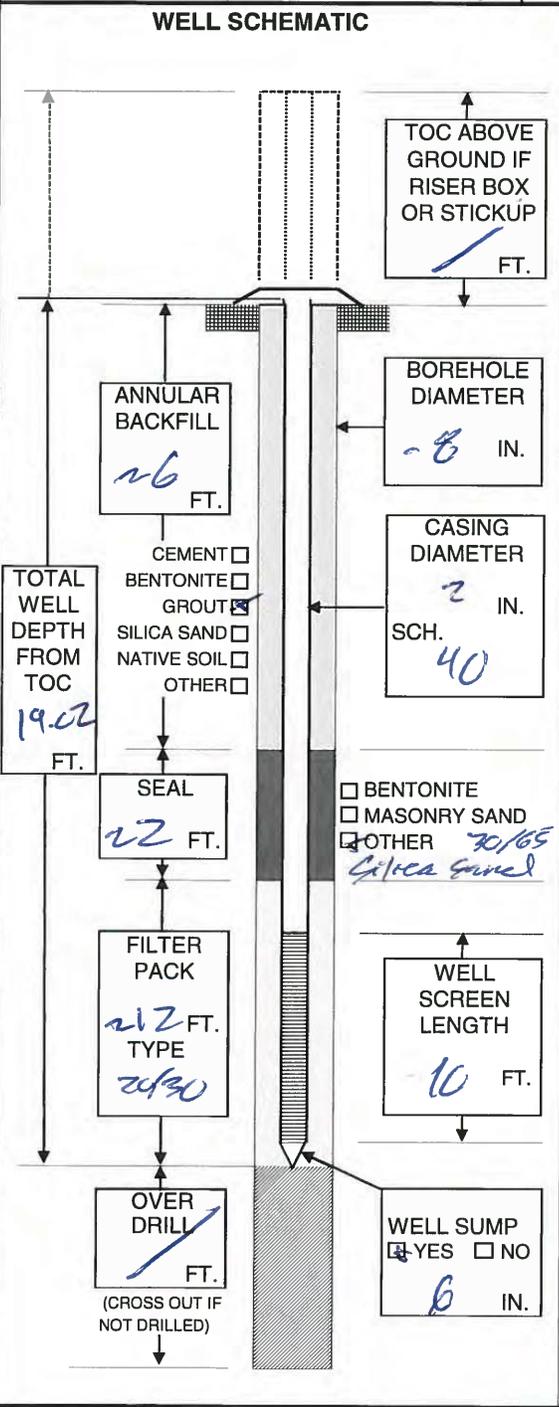
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-25  
 PERMIT NO:

DATE: 5-8-14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Theo and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN

DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 20 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR

EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS \_\_\_\_\_  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.40 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

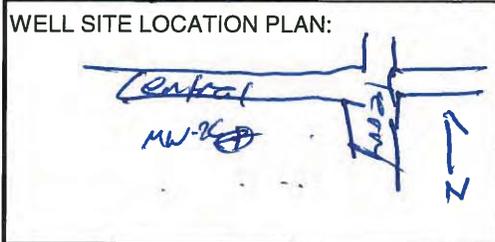
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

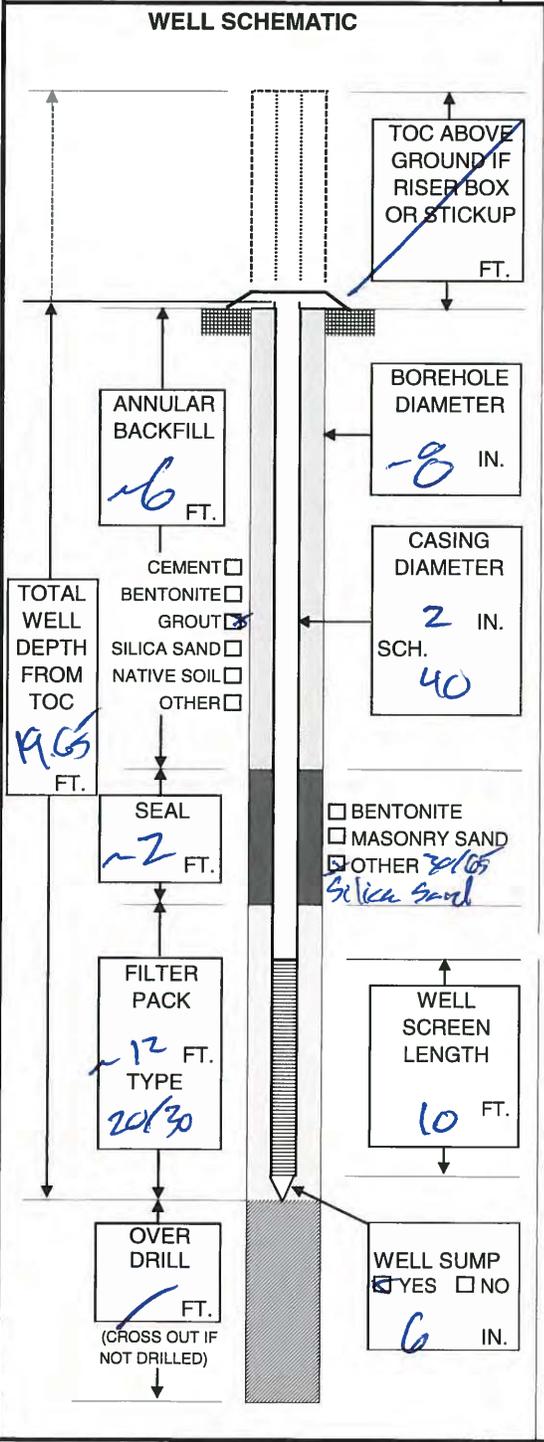
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-26  
 PERMIT NO:

DATE: 5-8-14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Tico and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



**INSTALLATION DATA**

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 36 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 20 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE: Slc Pet

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS \_\_\_\_\_  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.43 FT.  STOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

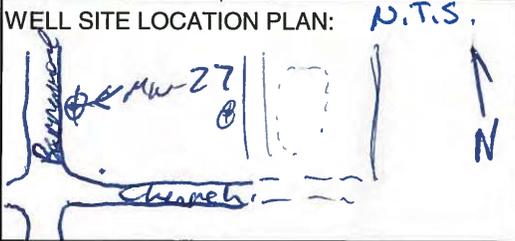
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

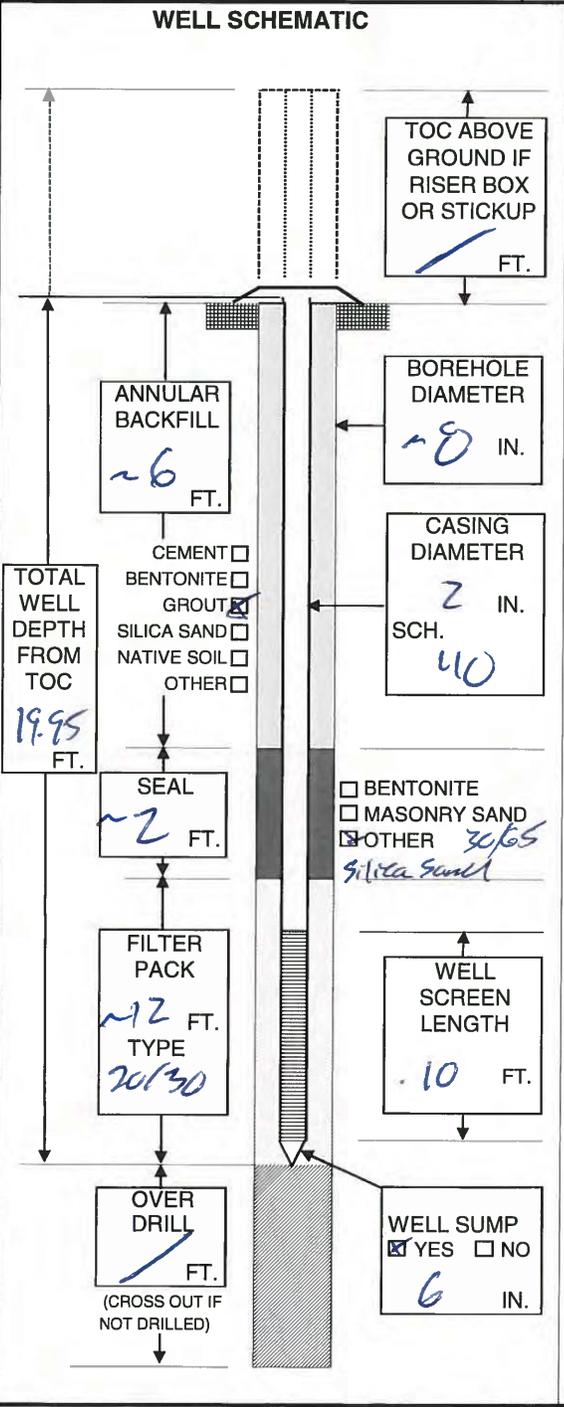
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-27  
 PERMIT NO:

DATE: 5-8-14 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Thao and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  SOAP WASH  OTHER \_\_\_\_\_

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER \_\_\_\_\_  
 JOINTS:  THREADED  WELDED  COUPLED  SCREWED  OTHER \_\_\_\_\_  
 PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER \_\_\_\_\_  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  AIR ROTARY  DIRECT PUSH  HAND AUGER  OTHER \_\_\_\_\_  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  OTHER \_\_\_\_\_  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  SURGE & BLOCK  OTHER \_\_\_\_\_  
 TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 15 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE st. pot.

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS 1  
 TREATED  POTW  OTHER \_\_\_\_\_

WATER LEVEL: INITIAL 13.00 FT.  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

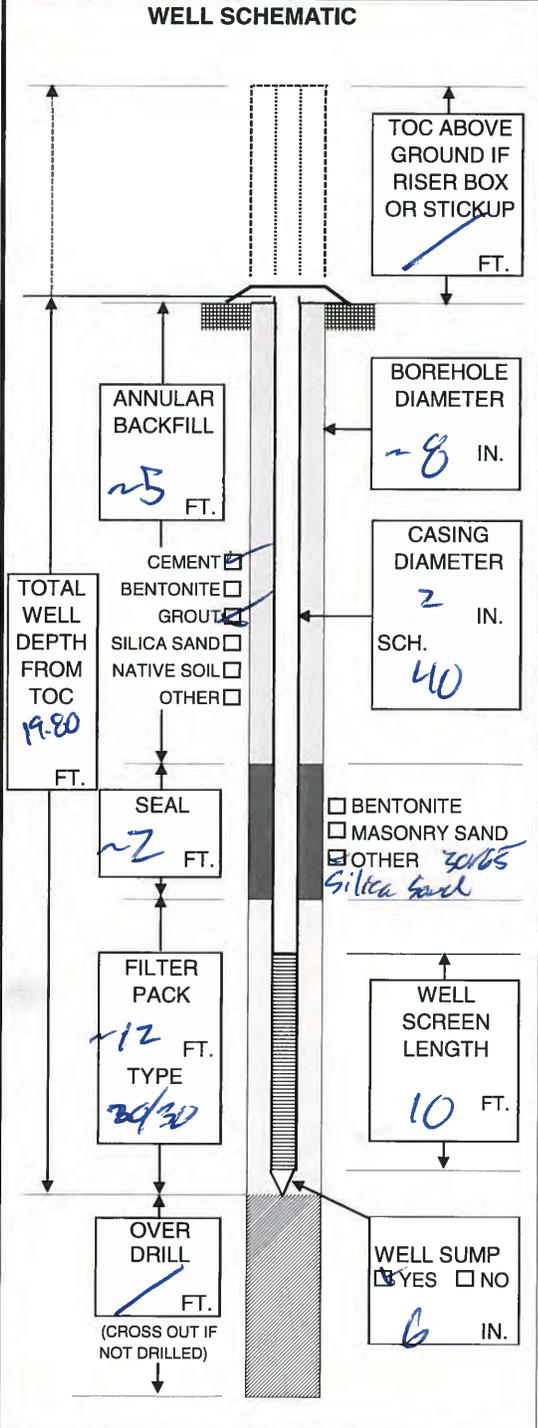
PREPARED BY: Analy Prosser

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-28  
 PERMIT NO:

DATE: 5-8-14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN: N.T.S. SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Three and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 19 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS \_\_\_\_\_  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 12.8 FT.  BTOC  BLS  
 DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

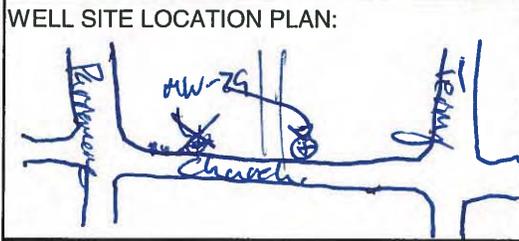
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acres Jr

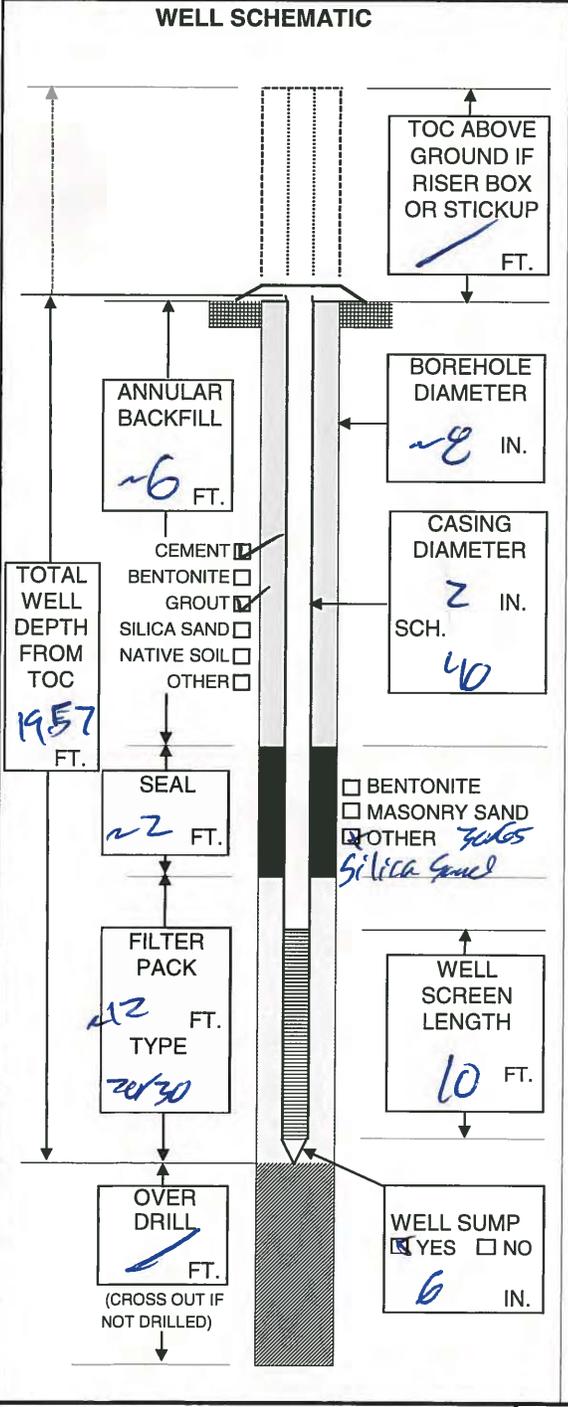
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-29  
 PERMIT NO:

DATE: 5-8-11 PROJECT NAME: City Soccer PROJECT NO: 06631995



SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATT  
 DRILL CREW: Three and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



**INSTALLATION DATA**

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER

PIT CASING:  YES  NO  DESCRIBE \_\_\_\_\_

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER

BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER

CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO. \_\_\_\_\_  
 OTHER

PAD:  2'X2'  4'X4'  OTHER \_\_\_\_\_

CUTTINGS:  DRUMMED  SPREAD NUMBER OF DRUMS 1

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER

TIME:  10 MIN  20 MIN  OTHER 30 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 17 GAL

WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE \_\_\_\_\_

DEVELOPMENT WATER:  DRUMMED  SPREAD NUMBER OF DRUMS \_\_\_\_\_  
 TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.58 FT  BTWC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

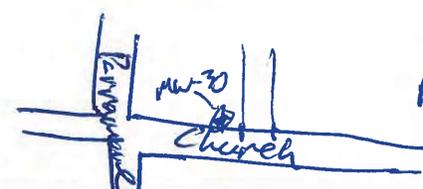
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

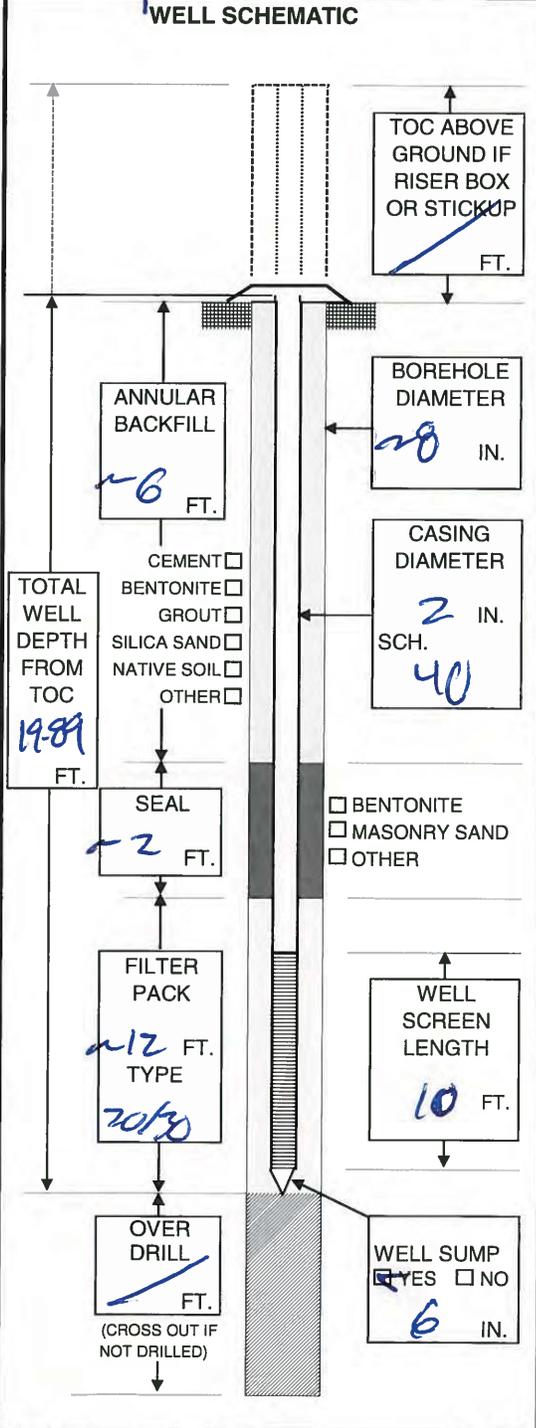
PREPARED BY: A. Acosta

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-30  
 PERMIT NO:

DATE: 5/9/14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN:  SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Chad and Bobby  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER \_\_\_\_\_ IN  
 SLOT:  0.010  0.020  OTHER \_\_\_\_\_ IN

DRILLING  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 METHOD:  AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER \_\_\_\_\_ IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT  NONE  BAILING  PUMPING  AIR LIFT  
 METHOD:  SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER 40 MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 20 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE sl. pet.

DEVELOPMENT  DRUMMED NUMBER OF DRUMS 1/3  
 WATER:  SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 11.92 FT  BTOC  BLS

DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

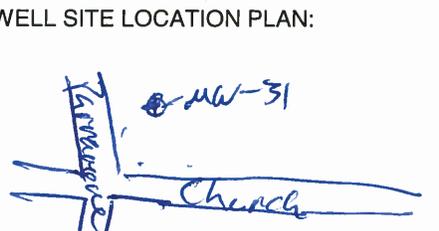
NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

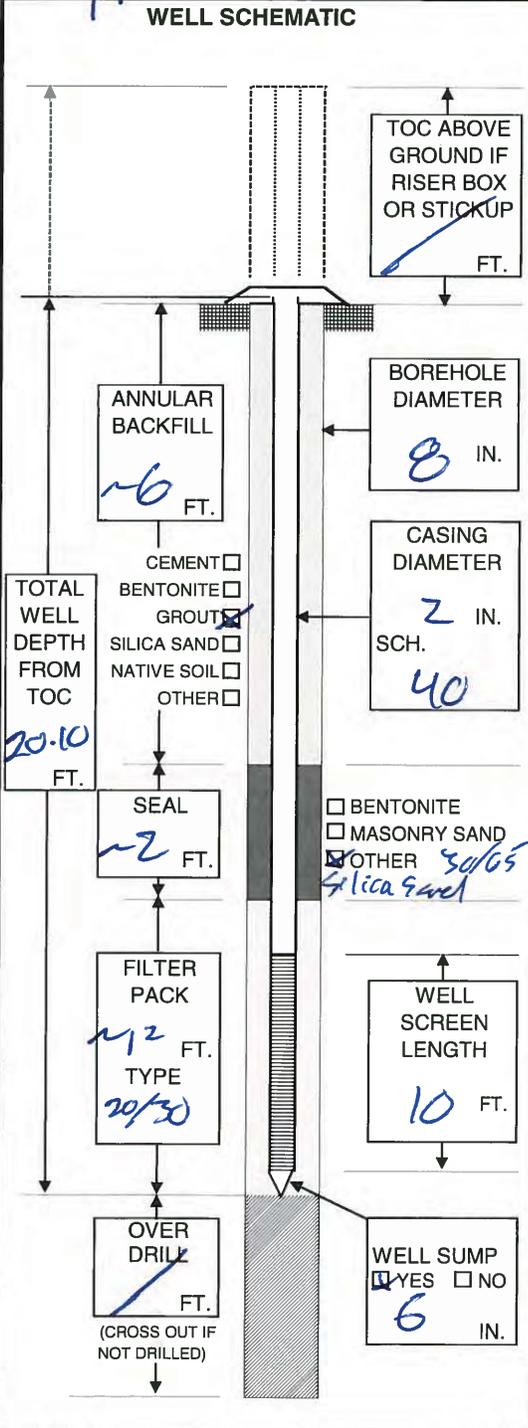
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-31/L-2  
 PERMIT NO:

DATE: 5-13-14 PROJECT NAME: City Soccer PROJECT NO: 06631995

WELL SITE LOCATION PLAN:  MW-31  
 Church

SEC: \_\_\_\_\_ TWN: \_\_\_\_\_ RGE: \_\_\_\_\_ LAT: \_\_\_\_\_ LONG: \_\_\_\_\_  
 DRILLING CO: ATI  
 DRILL CREW: Charles Paul  
 WELL TYPE:  SHALLOW  SINGLE CASED  MONITORING  
 PERMANENT  INTERMEDIATE  DOUBLE CASED  RECOVERY  
 TEMPORARY  DEEP  OTHER  OTHER



### INSTALLATION DATA

DECON.  STEAM CLEAN  HIGH PRESSURE WASH  
 SOAP WASH  OTHER

CASING TYPE:  PVC  STAINLESS  TEFLON  OTHER  
 JOINTS:  THREADED  WELDED  COUPLED  
 SCREWED  OTHER  
 PIT CASING:  YES  NO  DESCRIBE

WELL SCREEN:  PVC  STAINLESS  TEFLON  OTHER  
 DIAMETER:  2"  4"  6"  OTHER IN  
 SLOT:  0.010  0.020  OTHER 0.006 IN

DRILLING METHOD:  SOLID STEM  HOLLOW STEM  MUD ROTARY  
 AIR ROTARY  DIRECT PUSH  HAND AUGER  
 OTHER  
 BIT SIZE:  2"  4"  6"  8"  12"  OTHER IN  
 DRILLING MUD:  NONE  WATER  BENTONITE  
 OTHER  
 CENTRALIZER:  YES  NO

COMPLETION:  FLUSH MOUNT  STICKUP  RISER BOX  
 LOCK TYPE:  DOLPHIN  MASTER KEY NO.  
 OTHER  
 PAD:  2'X2'  4'X4'  OTHER

CUTTINGS:  DRUMMED NUMBER OF DRUMS 1  
 SPREAD  OTHER

DEVELOPMENT METHOD:  NONE  BAILING  PUMPING  AIR LIFT  
 SURGE & BLOCK  OTHER  
 TIME:  10 MIN  20 MIN  OTHER MIN  
 AMOUNT:  5 GAL  10 GAL  OTHER 5 GAL  
 WATER BEFORE:  SILTY  TURBID  OPAQUE  CLEAR  
 WATER AFTER:  SILTY  TURBID  OPAQUE  CLEAR  
 EVIDENT ODOR:  YES  NO TYPE

DEVELOPMENT WATER:  DRUMMED NUMBER OF DRUMS 44  
 SPREAD  TREATED  POTW  OTHER

WATER LEVEL: INITIAL 12.95 FT  BTOC  BLS  
 DATE: \_\_\_\_\_ FT BELOW TOC  
 DATE: \_\_\_\_\_ FT BELOW TOC

NOTES: (DESCRIBE ALL NON-STANDARD METHODS & MATERIALS)

PREPARED BY: A. Acosta

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Temperature (Quarterly) For Date of Last Temperature Verification see 10/2013

Date: 3/4/14

Meter #: 11J100851

Boxed "X" in this box indicates the data qualified for this page

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	DVK	3/4/14	0837	7.34	—	9.11	23.6	107.4	8.41	P
CAL			0839	7.34	—	8.49	23.6	100.1	8.41	P
CAL			0839	7.34	—	8.55	23.6	120.7	8.41	P
CAL			1603	—	—	6.72	27.4	84.9	7.96	P
CAL										P
CAL										P

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or umhos/cm (circled)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	DVK	3/4/14	0833	1413	10/14	3AD456	—	4.83	1445	P
CAL			1606	—	—	—	—	—	1375	P
CAL										P
CAL										P
CAL										P
CAL										P
CAL										P
CAL										P

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	DVK	3/4/14	0826	7.00	12/14	2AL203	72.9	175.6	6.92	P
CAL			0830	10.00	12/14	2AL129	188.5	175.6	10.15	P
CAL			0826	4.00	12/14	2AT458	149.9	162.8	3.92	P
CAL			1617	7.00	12/14	2AL203	154	179.6	6.96	P
CAL			1621	10.00	12/14	2AL129	185.0	179.6	10.19	P
CAL			1613	4.00	10/14	2AT458	150.0	165.4	3.96	P
CAL										P
CAL										P

Maintenance: Weekly pH Slope:    Specific Conductance Probe Cleaned? Yes (No) Dissolved Oxygen Membrane Changed: Yes (No)

✓ = out of cal range.

Perform only in Calibrate Mode:  
 Perform only in Run Mode:  
 Perform only in Run Mode:

CAL - Calibrate -  
 ICV - Initial Calibration Verification  
 CCV - Continuing Calibration Verification

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 3/11/14

Meter #: 04611879AA

Temperature (Quarterly) For Date of Last Temperature Verification see 10/04/13

Boldly "X" this box if there is qualified data on this page.

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL CCV	SLB	3/11/14	1040	—	0.815	7.25	22.50	83.9	7.827 0.578	P
CAL CCV	SLB	3/11/14	1041	—	0.815	8.06	22.56	100.0	8.578	F
CAL CCV	SLB	3/11/14	1044	—	0.815	8.69	22.49	100.3	8.743	F
CAL CCV	SLB	3/11/14	1746	—	0.815	9.997 7.91	22.10	99.4	7.862	F
CAL CCV										F
CAL CCV										F

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or (µS/cm) (20°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL CCV	SLB	3/11/14	1131	1413	10/14	3AJ1156	—	0.88	117	P
CAL CCV	SLB	3/11/14	1808	1413	10/14	3AJ1156	—	0.97	1433	F
CAL CCV										F
CAL CCV										F
CAL CCV										F
CAL CCV										F
CAL CCV										F
CAL CCV										F

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL CCV	SLB	3/10/14	1050	7.00	12/14	2AL203	624	—	7.11	P
CAL CCV	SLB	3/11/14	1057	4.00	10/14	2AD400	213.4	151.0	4.57	F
CAL CCV	SLB	3/11/14	1111	7.00	12/14	2AL203	76.8	—	7.00	P
CAL CCV	SLB	3/11/14	1120	4.00	10/14	2AD400	271.8	145.0	4.19	F
CAL CCV	SLB	3/11/14	1124	10.00	12/14	2AL203	-92.1	-168.9	8.94	F
CAL CCV	SLB	3/11/14	1128	7.00	12/14	2AL203	73.8	—	6.94	F
CAL CCV	SLB	3/11/14	1128	4.00	10/14	2AD400	28.2	144.4	4.18	F
CAL CCV	SLB	3/11/14	1130	10.00	12/14	2AL203	-94.6	-123.6	8.94	F

Maintenance: Weekly pH Slope: Dissolved Oxygen Membrane Changed: Yes No

Notes: J = out of cal range

CAL - Calibrate -  
ICV - Initial Calibration Verification  
CCV - Continuing Calibration Verification

Perform only in Calibrate Mode:  
Perform only in Run Mode:  
Perform only in Run Mode:

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 3/11/14

Temperature (Quarterly) For Date of Last Temperature Verification see 06/28/13

Meter # CHE11467AF

~~boldly "X" this box if there is qualified data on this page.~~

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	CCV	3/11/14	0954	—	0.79	10.13	18.54	108.3	7.3	P
CAL	CCV	11	0956	—	0.73	9.37	18.104	99.8	4.8	P
CAL	CCV	11	0958	—	0.73	9.29	15.69	41.5	4.3	P
CAL	CCV	11	1743	—	0.73	9.50	20.95	44.0	8.0	P
CAL	CCV									P
CAL	CCV									P

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or uS/cm (circle)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	CCV	3/11/14	1002	1413	10/14	3A5456	—	4.75	1320	P
CAL	CCV	11	1003	11	11	11	—	5.5	1413	P
CAL	CCV	11	1004	11	11	11	—	5.5	1413	P
CAL	CCV	11	1746	11	11	11	—	5.5	1396	P
CAL	CCV									P
CAL	CCV									P
CAL	CCV									P
CAL	CCV									P

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	CCV	3/11/14	1010	7.00	12/14	2A4203	8.5	-143.2	7.00	P
CAL	CCV	11	1011	11	11	11	8.5	-143.3	7.00	P
CAL	CCV	11	1014	4.00	10/14	2A5488	134.7	-143.2	4.00	P
CAL	CCV	11	1015	11	11	11	134.8	-143.3	4.00	P
CAL	CCV	11	1025	10.00	12/14	2A4122	-155.3	140.8	10.00	P
CAL	CCV	11	1026	11	11	11	-155.3	140.8	10.00	P
CAL	CCV	11	1748	7.00	12/14	2A2203	138.1	-150.1	7.00	P
CAL	CCV	11	1751	4.00	10/14	2A5488	138.0	-150.1	7.00	P
CAL	CCV	11	1756	10.00	12/14	2A4122	-102.7	150.6	10.00	P

**Maintenance:** Weekly pH Slope: used w/2100P Turbidimeter #04060030379  
 Specific Conductance Probe Cleaned? Yes (No) 1  
 Dissolved Oxygen Membrane Changed: Yes (No) 1

**Notes:** 1 = out of calibration verification

CAL - Calibrate -  
 ICV - Initial Calibration Verification  
 CCV - Continuing Calibration Verification

Perform only in Calibrate Mode:  
 Perform only in Run Mode:  
 Perform only in Run Mode:

Apply "X" to this box if there is any quality data on this page.

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 4/1/2014

Meter #: 046-11889 AIA

Temperature (Quarterly) For Date of Last Temperature Verification see 3-24-14

Disolved Oxygen	DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	CCV	sl	4/1/14	10:33	—	0.932	7.84	25.40	95.6	8.203	P
CAL	ICV	sl	4/1/14	14:32	—	0.932	7.97	26.44	94.1	8.040	F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or US EPA (20°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	CCV	sl	4/1/14	10:40	1413	10/14	3A2756	—	0.28	1414	P
CAL	ICV	sl	4/1/14	12:03	1413	10/14	3A2756	—	0.28	1546	F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F
CAL	ICV										F

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	ICV	sl	4/1/14	10:38	2.00	12/14	2A2703	2.61	—	6.96	P
CAL	ICV	sl	4/1/14	10:43	4.00	10/14	2A2708	180.9	157.8	4.09	F
CAL	ICV	sl	4/1/14	10:45	10.00	12/14	2A2722	-148.4	170.0	10.00	F
CAL	ICV	sl	4/1/14	10:55	2.00	12/14	2A2705	18.8	—	7.00	F
CAL	ICV	sl	4/1/14	11:50	4.00	10/14	2A2708	180.4	161.0	4.11	F
CAL	ICV	sl	4/1/14	12:00	10.00	12/14	2A2722	-147.4	166.2	9.97	F
CAL	ICV										F
CAL	ICV										F

Maintenance: Weekly pH Slope: \_\_\_\_\_ Dissolved Oxygen Membrane Changed: Yes

Notes: *√ cut of cal range*

Perform only in Calibrate Mode: CAL - Calibrate -  
 Perform only in Run Mode: ICV - Initial Calibration Verification  
 Perform only in Run Mode: CCV - Continuing Calibration Verification

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 5-8-14

Temperature (Quarterly) For Date of Last Temperature Verification see 6/28/13

Boldly "X" this box if there is qualified data on this page.

YSI 556 MPS  
Meter #: 04F11567AF

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV CCV	(Signature)	5/8/14	0824	NA	0.997	25.95	100.4	8.11	P
CAL ICV CCV	(Signature)	5/8/14	1154	V	0.997	32.46	100.4	7.30	P
CAL ICV CCV									P
CAL ICV CCV									P
CAL ICV CCV									P
CAL ICV CCV									P

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or uS/cm (rate)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL ICV CCV	(Signature)	5/8/14	0828	1413	10/14	3A5456	NA	5.2	1463	P
CAL ICV CCV	(Signature)	5/8/14	1410	1413	10/14	3A5456		5.2	1468	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL ICV CCV	(Signature)	5/8/14	0830	7.00	12/14	2A1203	-28.0	-152.00	7.03	P
CAL ICV CCV	(Signature)	5/8/14	0834	4.00	10/14	2A5488	1.00.00	-152.00	3.99	P
CAL ICV CCV	(Signature)	5/8/14	0840	16.00	12/14	2A1121	-176.4	131.40	19.43	P
CAL ICV CCV	(Signature)	5/8/14	1215	7.00	12/14	2A1103	-18.1	-150.6	6.99	P
CAL ICV CCV	(Signature)	5/8/14	1428	4.00	10/14	2A1188	132.4	-150.6	6.99	P
CAL ICV CCV	(Signature)	5/8/14	1431	10.00	12/14	2A1122	-109.7	151.0	6.93	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

**Maintenance:** Weekly pH Slope: \_\_\_\_\_  
 Specific Conductance Probe Cleaned? Yes  No   
 Dissolved Oxygen Membrane Changed: Yes  No

Perform only in Calibrate Mode:  
 Perform only in Run Mode:  
 Perform only in Run Mode:  
 CAL - Calibrate -  
 ICV - Initial Calibration Verification  
 CCV - Continuing Calibration Verification  
 DCI Database Date: 1-1-14 00:00:00

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 5/19/14

Temperature (Quarterly) For Date of Last Temperature Verification see 6/28/13

Meter #: CHE11467AF

Boxed "X" in this box indicates that the data quality is poor on this page

YSI 556 mps  
Meter #

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	DR	5/19/14	0815	NA	0.997	8.10	25.64	100.9	8.17	P
CAL	DR	5/19/14	0818	-	0.997	8.25	25.60	100.9	8.18	P
CAL	DR	5/19/14	0819	-	0.991	8.24	25.56	100.8	8.18	P
CAL	DR	5/19/14	1638	-	0.984	8.07	32.56	92.7	6.62	P
CAL										P
CAL										P

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or uS/cm (circle)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	DR	5/19/14	0820	1413	10/14	3A3456	NA	5.2	1451	P
CAL	DR	5/19/14	0821	"	"	"	"	5.1	1413	P
CAL	DR	5/19/14	0822	"	"	"	"	5.1	1413	P
CAL	DR	5/19/14	1649	"	"	"	"	5.1	1631	P
CAL										P
CAL										P
CAL										P
CAL										P

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	DR	5/19/14	0825	7.00	12/14	2A1203	-28.1	-1525	7.16	P
CAL	DR	5/19/14	0827	4.00	10/14	2A1488	124.4	-1525	4.18	P
CAL	DR	5/19/14	0830	10.00	12/14	2A1222	-180.2	-152.1	10.19	P
CAL	DR	5/19/14	1657	2.00	12/14	2A1203	-23.0	-	7.08	P
CAL	DR	5/19/14	1639	4.50	10/14	2A1488	127.1	150.1	4.12	P
CAL	DR	5/19/14	1641	10.00	12/14	2A1222	-166.0	-153	9.91	P
CAL										P
CAL										P
CAL										P

Maintenance: Weekly pH Slope: / Dissolved Oxygen Membrane Changed: Yes No

Notes: V = out of cal range

CAL - Calibrate -  
ICV - Initial Calibration Verification  
CCV - Continuing Calibration Verification

Perform only in Calibrate Mode:  
Perform only in Run Mode:  
Perform only in Run Mode:

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Boldly "X" this box if there is qualified data on this page.

Project Name and No.: City Soccer / 06631995

Date: 5-12-19

Meter #: 1101008201

Temperature (Quarterly) For Date of Last Temperature Verification see 5-6-15

Disolved Oxygen	DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	ICV	Ad	5-12-19	1049	6.1	---	7.51	30.3	95.8	7520	P
CAL	ICV	Ad	5-12-19	1502	6.1	---	7.19	30.5	95.8	7494	P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or us/cm (25°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	ICV	Ad	5-12-19	1052	1473	10/14	3A02455	---	0.92	1467	P
CAL	ICV	Ad	5-12-19	1514	1413	6/14	3A02455	---	0.93	1453	P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	ICV	Ad	5-12-19	1051	7.00	12/14	2AL203	-16.2	175.00	6.92	P
CAL	ICV	Ad		1054	4.00	10/14	2AL488	150.5	166.7	4.04	P
CAL	ICV	Ad		1057	10.00	12/14	2AL122	-18.2	175.00	4.53	P
CAL	ICV	Ad		1505	7.00	12/14	2AL203	-19.2	176.8	4.97	P
CAL	ICV	Ad		1507	4.00	10/14	2AL488	148.3	167.5	4.09	P
CAL	ICV	Ad		1513	10.00	12/14	2AL122	-195.4	176.2	4.99	P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P

Maintenance: Weekly pH Slope: \_\_\_\_\_ Dissolved Oxygen Membrane Changed: Yes  No

Notes: \_\_\_\_\_

Perform only in Calibrate Mode:  
 Perform only in Run Mode:  
 Perform only in Run Mode:

CAL - Calibrate -  
 ICV - Initial Calibration Verification  
 CCV - Continuing Calibration Verification

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) REVISED

Project Name and No.: City Soccer / 06631995

Date: 5-15-14

Meter #: 04FK462AF

Boldly "X" this box if there is qualified data on this page.

Temperature (Quarterly) For Date of Last Temperature Verification see

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	CCV									
CAL	CCV	5-15-14	0928		0.91	7.38	28.52	95.5	7.5	P
CAL	CCV	"	1036		0.91	7.35	30.53	97.9	7.5	P
CAL	CCV									
CAL	CCV									
CAL	CCV									

DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or uS/cm (circle)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	CCV									
CAL	CCV	5-15-14	0942	1413	10/14	3A07456		5.00	1473	P
CAL	CCV	5-15-14	1047	1513	10/14	3A07456			1443	P
CAL	CCV									
CAL	CCV									
CAL	CCV									
CAL	CCV									
CAL	CCV									

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	CCV									
CAL	CCV	5-15-14	0936	7.00	12/14	2AL203	-26.5		7.18	P
CAL	CCV	"	0946	4.00	12/14	2AL203	175.4	151.9	4.09	P
CAL	CCV	"	0941	10.00	12/14	2AL203	-161.8	143.3	9.98	P
CAL	CCV	"	1041	2.00	12-14	2AL203	-24.4		7.08	P
CAL	CCV	"	1042	4.00	10/14	2AL203	125.6	150.0	4.10	P
CAL	CCV	"	1044	6.00	12/14	2AL203	-174.1	196.5	10.05	P
CAL	CCV									
CAL	CCV									
CAL	CCV									

Maintenance: Weekly pH Slope: \_\_\_\_\_ Dissolved Oxygen Membrane Changed: Yes  No

Notes: \_\_\_\_\_

Perform only in Calibrate Mode:  
 Perform only in Run Mode:  
 Perform only in Run Mode:

CAL - Calibrate -  
 ICV - Initial Calibration Verification  
 CCV - Continuing Calibration Verification

















**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-1	SAMPLE ID: MW-1	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10.21 feet to 20.21 feet	STATIC DEPTH TO WATER (feet): 12.45	PURGE PUMP TYPE OR BAILER: PP
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**WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY**  
(only fill out if applicable)  
= (20.21 feet - 12.45 feet) X 0.16 gallons/foot = 1.2 gallons

**EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME**  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)  
= \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~14	PURGING INITIATED AT: 0915	PURGING ENDED AT: 0934	TOTAL VOLUME PURGED (gallons): ~1.4
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
0930	-1.2	-1.2	~0.08	12.52	6.14	23.7	405.5	0.47/5.5	13.2	—	clear
0932	-0.1	~1.3	~0.08	12.52	6.15	23.8	406.3	0.44/5.2	11.4	—	11
0934	-0.1	~1.4	~0.08	12.52	6.15	23.8	409.4	0.42/5.0	8.33	—	11

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DLK/PSI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 0934	SAMPLING ENDED AT: 0945
PUMP OR TUBING DEPTH IN WELL (feet): ~14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) <u>none</u> <input checked="" type="checkbox"/> N DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID: _____			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-1	2	GG	40mL	HCL	LP	LP	8260VOR/100	APP	~100
	1	AG	1L	None	—	—	8270R/45	APP	~303
	1	AG	1L	HCL	LP	LP	FL-Pro	APP	1
	1	PE	250mL	HNO3	LP	LP	4-PCRA	APP	1

5 WELL VOLUMES: ~6.2 gal

REMARKS: \* Samples placed on ice subsequent to collection V = out of cal range.

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING/PURGING APP =** After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.4	WELL SCREEN INTERVAL DEPTH: 10.13 feet to 20.13 feet	STATIC DEPTH TO WATER (feet): 13.13	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20.13 feet - 13.13 feet) X 0.16 gallons/foot = 1.1 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1001	PURGING ENDED AT: 1025	TOTAL VOLUME PURGED (gallons): 1.6							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L (V) % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1016	~1.1	~1.1	~0.07	13.17	5.96	25.0	196.8	2.67/32.3	7.03	—	clear none
1021	~0.3	~1.4	~0.07	13.17	5.95	25.2	197.3	2.71/32.9	6.35	—	"
1023	~0.1	~1.5	~0.07	13.17	5.90	25.1	200.4	2.80/33.8	6.07	—	"
1025	~0.1	~1.6	~0.07	13.17	5.86	25.1	198.3	2.81/33.9	6.00	—	"
								± 10%			
WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DJR/PSZ	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1025	SAMPLING ENDED AT: 1036							
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> FILTER SIZE: ___ μm	Filtration Equipment Type:							
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) WM <input checked="" type="checkbox"/> N	DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID:									
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
mw-2	2	CG	40mL	HCL	LP	LP	4260VIA/VOH	RFPP	~100	
	1	AG	1L	None	—	—	3270PAHS	APP	~265	
	1	AG	1L	HCL	LP	LP	FLP.0	APP	1	
	1	PE	250mL	HNO3	LP	LP	4RCRA	APP	1	
5 WELL VOLUMES: ~5.6 gal		REMARKS: DO 7- 10% * Samples placed on ice subsequent to collection. 1 = out of cal range								
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter										
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved										

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>mw-3</b>	SAMPLE ID: <b>mw-3</b>	DATE: <b>3/4/14</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>10.45</b> feet to <b>20.45</b>	STATIC DEPTH TO WATER (feet): <b>13.10</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
(only fill out if applicable)  
= **(20.45** feet - **13.10** feet) X **0.16** gallons/foot = **~1.2** gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~15</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~15</b>	PURGING INITIATED AT: <b>1046</b>	PURGING ENDED AT: <b>1115</b>	TOTAL VOLUME PURGED (gallons): <b>~1.7</b>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L) % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1106	~1.2	~1.2	~0.06	13.14	5.63	25.0	185.6	3.77/45.7	4.17	-	Clear/none
1111	~0.3	~1.5	~0.06	13.16	5.72	25.1	184.7	3.75/45.5	3.79	-	1.1
1113	~0.1	~1.6	~0.06	13.16	5.81	25.2	183.1	3.80/46.0	3.31	-	1.1
1115	~0.1	~1.7	~0.06	13.16	5.83	25.3	184.2	3.80/46.0	3.28	-	1.1
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>DLR/PSI</b>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1115</b>	SAMPLING ENDED AT: <b>1130</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>~15</b>	TUBING MATERIAL CODE: <b>PE</b>	FIELD-FILTERED: <b>Y</b>	FILTER SIZE: <b>0</b> μm
FIELD DECONTAMINATION: PUMP <b>Y</b>	TUBING <b>Y</b> (replaced)	OTHER (specify): <b>none</b>	DUPLICATE: <b>Y</b>

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-3	2	CG	40mL	HCL	LP	LP	4260VOCs	RFPP	-100
	1	AG	1L	None	-	-	3200SVOCs	APP	-227
	1	AG	1L	HCL	LP	LP	FLPCO	APP	
	1	PE	250mL	HNO3	LP	LP	SPCRA	APP	
	1	PE	250mL	HNO3	LP	LP	Iron	APP	

5 WELL VOLUMES: **~5.99L**

REMARKS: **DO +/- 10% J = out of cal range**  
\* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.58 feet to 19.58 feet	STATIC DEPTH TO WATER (feet): 13.22	PURGE PUMP TYPE OR BAILER: PP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
(only fill out if applicable)  
= (19.58 feet - 13.22 feet) X 0.16 gallons/foot = ~1.0 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~15	PURGING INITIATED AT: 1141	PURGING ENDED AT: 1205	TOTAL VOLUME PURGED (gallons): ~1.5
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1156	~1.0	~1.0	~0.07	13.24	5.77	24.9	185.7	4.27/51.7	13.0	—	clear none
1201	~0.3	~1.3	~0.06	13.24	5.92	24.9	185.9	4.30/52.0	9.06	—	''
1203	~0.1	~1.4	~0.06	13.24	5.82	25.0	184.9	4.36/52.6	8.00	—	''
1205	~0.1	~1.5	~0.06	13.24	5.86	25.1	187.8	4.34/52.4	5.63	—	''
								±			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: OKIPI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1220
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PUMP OR TUBING DEPTH IN WELL (feet): ~15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: ___ μm
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FIELD DECONTAMINATION: PUMP Y  N  TUBING Y  N  OTHER (specify) WM  N  DUPLICATE: Y  N  DUP. ID:

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4	2	CG	40mL	HCL	LP	LP	9060VOMNH	RFP	~100
	1	AG	1L	none	—	—	8200RHS	APP	~227
	1	AG	1L	HCL	LP	LP	FluPro	APP	1
	1	PE	250mL	HNO3	LP	LP	4RCRA	APP	1

5 WELL VOLUMES: ~5.1 gal  
REMARKS: 00 +/- 10% J = out of cal range  
\* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-5	SAMPLE ID: MW-5	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10.7 feet to 20.17	STATIC DEPTH TO WATER (feet): 13.16	PURGE PUMP TYPE OR BAILER: AP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
(only fill out if applicable)  
= (20.17 feet - 13.16 feet) X 0.16 gallons/foot = 1.11 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1354	TOTAL VOLUME PURGED (gallons): 1.6
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1345	~1.1	~1.1	~0.07	13.22	5.29	26.0	113.5	4.42/54.4	9.45	-	Light
1350	~0.3	~1.4	~0.07	13.22	5.34	25.8	112.5	4.42/54.4	6.41	-	11
1352	~0.1	~1.5	~0.07	13.22	5.32	25.8	112.1	4.38/54.0	6.25	-	11
1354	~0.1	~1.6	~0.07	13.22	5.37	25.7	112.2	4.39/54.1	7.17	-	11
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DLR/PSC	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1354	SAMPLING ENDED AT: 1412
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: ___ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> (replaced)	OTHER (specify) W <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID: _____

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW5	2	CG	40mL	HCL	LP	LP	8260VOLS	RPPP	~100
	1	AG	1L	none	-	-	8270VOLS	APP	~255
	1	AG	1L	HCL	LP	LP	FL-P00	APP	
	1	PE	250mL	HNO3	LP	LP	3RCRA	APP	
	1	PE	250mL	HNO3	LP	LP	Iron	APP	

5 WELL VOLUMES: 5.69L  
REMARKS: DO +/- 10% = cut of cal sample  
\* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min



**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-7	SAMPLE ID: MW-7	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.4	WELL SCREEN INTERVAL DEPTH: 10.11 feet to 20.11	STATIC DEPTH TO WATER (feet): 13.00	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20.11 feet - 13.00 feet) X 0.16 gallons/foot = 1.1 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): -15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): -15	PURGING INITIATED AT: 1458	PURGING ENDED AT: 1557	TOTAL VOLUME PURGED (gallons): 2.9							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1513	~1.1	~1.1	~0.07	13.04	5.32	25.8	254.6	3.4/44.3	69.0	—	Turbid none
1523	~0.4	~1.5	~0.04	13.03	5.39	25.8	259.4	3.46/42.5	69.0	—	—
1533	~0.4	~1.9	~0.04	13.04	5.29	25.7	261.3	3.56/41.2	61.3	—	—
1543	~0.4	~2.3	~0.04	13.03	5.21	25.5	259.0	3.34/41.0	58.3	—	—
1553	~0.4	~2.7	~0.04	13.03	5.16	25.4	261.8	3.30/40.6	53.0	—	—
1555	~0.1	~2.8	~0.04	13.03	5.17	25.4	262.0	3.28/40.4	52.9	—	—
1557	~0.1	~2.9	~0.04	13.03	5.18	25.4	262.0	3.25/40.1	52.6	—	—
								Filtered ± 10%	3.19 ± 5%		
WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DK/PSJ				SAMPLER(S) SIGNATURES: [Signature]				SAMPLING INITIATED AT: 1557		SAMPLING ENDED AT: 1622	
PUMP OR TUBING DEPTH IN WELL (feet): ~15				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) <input checked="" type="checkbox"/> DUPPLICATE: Y <input checked="" type="checkbox"/> DUP. ID:											
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-7	2	CG	40mL	HCL	LP	LP	82620A/100	RFP	~100		
/	1	AG	1L	None	—	—	8270A/100	APP	~151		
/	1	AG	1L	HCL	LP	LP	FL-Pro	APP	1		
/	2	PE	250mL	HNO3	LP	LP	4 RCRA	APP	1		
5 WELL VOLUMES: ~5.7gal				REMARKS: Slowed purge due to turbidity. DO +/- 100% Turb +/- 5% * Samples placed on ice subsequent to collection							
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter											
EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved											

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liqinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: mw-8	SAMPLE ID: mw-8	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.36 feet to 19.36 feet	STATIC DEPTH TO WATER (feet): 13.19	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (19.36 feet - 13.19 feet) X 0.16 gallons/foot = 1.0 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = 1.0 gallons + (0.16 gallons/foot X 14 feet) + 0.13 gallons = 2.2 gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1334	PURGING ENDED AT: 1410	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1350	1.0	1.0	0.06	13.28	6.02	24.78	285	3.22/38.8	15.4	-	Clear/None
1355	0.3	1.3	0.06	13.28	6.06	24.77	282	3.24/39.1	8.76	-	"/11
1405	0.6	1.9	0.06	13.28	6.08	24.80	275	3.37/40.7	6.12	-	"/11
1410	0.3	2.2	0.06	13.28	6.10	24.75	275	3.49/41.3	5.18	-	"/11
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton/PST	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1410	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y (N)	FILTER SIZE: 1 μm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) OTHER (specify) WSM Y (N)	DUPLICATE: Y (N)	DUP. ID: 1	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-8	1	PE	250mL	HNO3	LP	-	HPLC/RA	RFP	227
	2	CG	40mL	HCL	LP	-	8260/10A2/10A5	RFP	100
	1	AG	1L	HCL	LP	-	FLP/TPH	APP	227
	1	AG	1L	-	-	-	8270/PATS	APP	227

5 WELL VOLUMES: 24.9 gal. REMARKS: DO 1.20% but within +/- 10% All other parameters stable  
\* Samples placed on ice subsequent to collection = out of cal range

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-9	SAMPLE ID: mw-9	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.79 feet to 19.79 feet	STATIC DEPTH TO WATER (feet): 12.69	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (19.79 feet - 12.69 feet) X 0.16 gallons/foot = 1.1 gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)				
= _____ gallons + ( _____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 43	PURGING INITIATED AT: 1444	PURGING ENDED AT: 1508	TOTAL VOLUME PURGED (gallons): 4.9
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / %) saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1502	1.5	1.5	0.08	12.74	4.56	25.13	353	0.81/9.9	13.1	-	cloudy
1505	2.0	2.7	0.08	12.74	4.59	25.15	355	0.78/9.5	9.43	-	"/11
1508	0.2	2.9	0.08	12.74	4.60	25.17	355	0.78/9.5	7.76	-	"/11

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton/PSI	SAMPLE(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1508	SAMPLING ENDED AT: 1534
PUMP OR TUBING DEPTH IN WELL (feet): 43	TUBING MATERIAL CODE: PE+SI	FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/> TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/> OTHER (specify) [Com] Y <input type="checkbox"/> N <input checked="" type="checkbox"/> DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> DUP. ID: /			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-9	1	AG	1L	-	-	-	8081	APP	~303
	1	AG	1L	-	-	-	8141	APP	~303
	1	AG	1L	-	-	-	8151	APP	~303
	2	PE	250ML	NDD3	LP	-	410CRA+CU	APP	~303
	1	AG	1L	HCL	LP	-	FL PIP pH	APP	~303
	1	AG	1L	-	-	-	8200 PAHS	APP	~303
	2	CG	40ML	HCL	LP	-	8210 VOAS/VOHS	RAPP	~100

5 WELL VOLUMES: 15.7 gal. REMARKS: \* Samples placed on ice subsequent to collection v= out of cal range

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min



**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-11	SAMPLE ID: MW-11	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 16.3 feet	STATIC DEPTH TO WATER (feet): 12.25	PURGE PUMP TYPE OR BAILER: PP
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**WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY**  
(only fill out if applicable)  
= ( 19.83 feet - 12.25 feet ) X 0.16 gallons/foot = 1.2 gallons

**EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME**  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)  
= \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1526	TOTAL VOLUME PURGED (gallons): 23.6
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1505	~1.5	~1.5	~0.1	12.25	7.58	25.24	207	35/43.1	7.10	—	clear
1515	~1.0	~2.5	~0.1	12.25	7.56	25.29	208	34.5/42.1	3.90	—	15
1520	~0.5	~3.0	~0.1	12.25	7.54	25.21	207	32.5/40.3	2.82	—	15
1523	~0.3	~3.3	~0.1	12.25	7.53	25.25	207	3.28/40.1	2.15	—	15
1526	~0.3	~3.6	~0.1	12.25	7.53	25.24	207	3.29/40.2	2.71	—	15
								±10%			

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

**PURGING EQUIPMENT CODES:** B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Aued Acosta / TESI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1526	SAMPLING ENDED AT: 1536
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: TESI	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)	OTHER (specify) WM <input checked="" type="checkbox"/> N <input type="checkbox"/>	DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	DUP. ID: _____

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-11	2	CG	2x400ml	HCl	LP	LP	8260 WWA/6645	RFPP	≤100
MW-11	1	AG	1L	NA	—	—	8270 WWA	A7P	~3A
MW-11	1	AG	1L	H2SO4	LP	LP	FL-PAO	APP	↓
MW-11	1	PE	2500ml	HAC3	LP	LP	4 KRA	APP	↓

5 WELL VOLUMES: ~6 gal total  
REMARKS: \* Samples placed on ice subsequent to collection DO elevated; sample collected using ±0.2% gpm  
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>MW-12</b>	SAMPLE ID: <b>MW-12</b>	DATE: <b>3/11/14</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>9.60</b> feet to <b>1960</b>	STATIC DEPTH TO WATER (feet): <b>12.94</b>	PURGE PUMP TYPE OR BAILER:							
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( <b>9.60</b> feet - <b>12.94</b> feet) X <b>0.16</b> gallons/foot = <b>~11</b> gallons											
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~14.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~14.5</b>	PURGING INITIATED AT: <b>1344</b>	PURGING ENDED AT: <b>1420</b>	TOTAL VOLUME PURGED (gallons): <b>~36</b>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu$ mhos/cm or $\mu$ S/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1359	~1.5	~1.5	~0.1	13.04	7.72	24.40	308	4.63/55.3	8.22	---	clear/odor
1409	~1.0	~2.5	~0.1	13.00	7.64	24.58	310	5.02/60.6	4.93	---	11
1414	~0.5	~3.0	~0.1	13.00	7.62	24.51	313	4.97/59.9	5.62	---	11
1417	~0.3	~3.3	~0.1	13.01	7.58	24.65	306	5.06/60.9	2.79	---	11
1420	~0.3	~3.6	~0.1	13.01	7.58	24.63	305	5.01/60.4	2.54	---	11
								<b>± 10%</b>			

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Andy Reese / PSI</b>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1420</b>	SAMPLING ENDED AT: <b>1428</b>						
PUMP OR TUBING DEPTH IN WELL (feet): <b>~14.5</b>	TUBING MATERIAL CODE: <b>PE+SI</b>	FIELD-FILTERED: <b>Y</b>	FILTER SIZE: _____ $\mu$ m						
FIELD DECONTAMINATION: PUMP <b>Y</b> TUBING <b>Y</b> (replaced) OTHER (specify) <b>WM</b> <input checked="" type="checkbox"/> <b>N</b> DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/> <b>DUP. ID:</b>									
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-12	2	CG	2x400ml	HCl	LP	2P	8220 COM/LOCHE	RFPP	≤ 100
MW-12	1	AG	1L	NA	---	---	8220 PAGS	APP	~350
MW-12	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	FL-PRO	APP	~1
MW-12	1	PE	250ml	HNO <sub>3</sub>	LP	LP	CFR-4 RCA	APP	↓

5 WELL VOLUMES: **25.3 gal**  
 REMARKS: \* Samples placed on ice subsequent to collection **DO Elevated, collected using ± 10% criteria**

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
**SAMPLING/PURGING APP =** After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
**pH:** ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>MW-13</b>	SAMPLE ID: <b>MW-13</b>	DATE: <b>3/11/14</b>

**PURGING DATA**

WELL <b>2</b>	TUBING <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>9.87</b> feet to <b>4.87</b>	STATIC DEPTH TO WATER (feet): <b>12.95</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
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**WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY**  
(only fill out if applicable)  
= ( **19.87** feet - **12.95** feet ) X **0.16** gallons/foot = **1.1** gallons

**EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME**  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)  
= \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>14</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>24</b>	PURGING INITIATED AT: <b>1705</b>	PURGING ENDED AT: <b>1741</b>	TOTAL VOLUME PURGED (gallons): <b>236</b>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circles units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1720	2.5	2.5	20.1	13.17	7.57	26.96	240	2.08/25.7	8.82	—	clear/odor
1730	2.0	2.5	20.1	13.0	7.62	26.41	252	1.96/24.2	4.31	—	"
1735	2.05	3.0	20.1	13.0	7.61	26.33	250	1.55/19.7	3.12	—	"
1738	20.3	3.3	20.1	13.22	7.61	26.30	250	1.56/19.8	1.62	—	"
1741	20.3	3.5	20.1	13.22	7.61	26.31	249	1.57/19.9	1.16	—	"

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Andy Heagerty / PSI</b>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1741</b>	SAMPLING ENDED AT: <b>1750</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>24</b>	TUBING MATERIAL CODE: <b>PE + S</b>	FIELD-FILTERED: <b>Y</b> <input checked="" type="checkbox"/> <b>CR</b>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP <b>Y</b> <input checked="" type="checkbox"/> TUBING <b>Y</b> <input checked="" type="checkbox"/> (replaced) OTHER (specify) <b>LM</b> <input checked="" type="checkbox"/> <b>N</b>		DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/>	DUP. ID: _____

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-13	2	CG	2x40mL	HCl	LP	LP	8200 <del>SCA/COA</del>	RFP7	LICO
MW-13	1	AG	1L	NA	—	—	8270 <del>PAR</del>	APP	2379
MW-13	1	AG	1L	H2SO4	LP	LP	FL-PRO	APP	2379
MW-13	1	PE	250mL	HNO3	LP	LP	4 RCRA	APP	2379

5 WELL VOLUMES: **25.5 gal**

REMARKS: **\* Samples placed on ice subsequent to collection**

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING/PURGING APP:** A = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

**EQUIPMENT CODES:** RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-14	SAMPLE ID: MW-14	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.4	WELL SCREEN INTERVAL DEPTH: 10.0 feet to 20.00 feet	STATIC DEPTH TO WATER (feet): 12.89	PURGE PUMP TYPE OR BAILER: PP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
 (only fill out if applicable)  
 = (20.00 feet - 12.89 feet) X 0.16 gallons/foot = 1.1 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1701	PURGING ENDED AT: 1723	TOTAL VOLUME PURGED (gallons): 2.1
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L (D) % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1717	1.5	1.5	0.09	12.95	5.33	26.41	73	0.16/2.0	11.3	-	Petro
1720	0.3	1.8	0.09	12.95	5.39	26.39	74	0.16/2.0	9.77	-	"/"/
1723	0.3	2.1	0.09	12.95	5.42	26.35	74	0.15/1.9	8.97	-	"/"/

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton / PSI	SAMPLER(S) SIGNATURE: [Signature]	SAMPLING INITIATED AT: 1723	SAMPLING ENDED AT: 1736
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE#5	FIELD-FILTERED: Y N	FILTER SIZE: 1 μm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	OTHER (specify): DM	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-14	2	CG	40ML	HCL	LP	-	82601 WATS/WATS	RFP	<100
	1	PE	250ML	HNO3	LP	-	4RCRA	APP	~341
	1	AG	1L	NCL	LP	-	FLP	APP	~341
	1	AG	1L	-	-	-	82781 PANS	APP	~341

5 WELL VOLUMES: 15.19 gals  
 REMARKS: \* Samples placed on ice subsequent to collection ✓ cut of cal range.  
 MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-15	SAMPLE ID: mw-15	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.4	WELL SCREEN INTERVAL DEPTH: 10.06 to 20.06	STATIC DEPTH TO WATER (feet): 12.55	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20.06 feet - 12.55 feet) X 0.16 gallons/foot = 1.2 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.3	PURGING INITIATED AT: 1600	PURGING ENDED AT: 1634	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1618	4.5	4.5	0.08	12.66	5.62	26.48	87	0.41/5.1	26.8	-	cloudy
1628	0.5	2.0	0.05	12.64	5.67	26.47	86	0.41/5.0	15.0	-	cloudy
1631	0.2	2.2	0.05	12.64	5.66	26.49	86	0.46/5.7	14.3	-	"/"
1634	0.2	2.4	0.05	12.64	5.67	26.49	86	0.49/6.1	13.1	-	"/"

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT): Jennifer Hamilton/PSL	AFFILIATION: PSL	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1634	SAMPLING ENDED AT: 1649
PUMP OR TUBING DEPTH IN WELL (feet): 4.3	TUBING MATERIAL CODE: PE+SI	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> OTHER (specify) [initials]		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> DUP. ID: 1		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-15	2	CG	40mL	NCL	LP	-	82601 VOAS/120HS	RFPP	~100
	1	PE	250mL	NNO3	LP	-	4100A	APP	~189
	1	AG	1L	NCL	LP	-	FLPBA	APP	~189
	1	AG	1L	-	-	-	8270/PANs	APP	~189

5 WELL VOLUMES: 4.0 gal.  
REMARKS: decreased purge rate in an attempt to decrease turbidity after first reading. V = out of cal range.  
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>MW-16</b>	SAMPLE ID: <b>MW-16</b>	DATE: <b>3/11/14</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>60</b> feet to <b>20.00</b>	STATIC DEPTH TO WATER (feet): <b>12.75</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>
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**WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY**  
(only fill out if applicable)  
= ( **20.00** feet - **12.75** feet ) X **0.16** gallons/foot = **1.2** gallons

**EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME**  
(only fill out if applicable)  
NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)  
= \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>13.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>13.5</b>	PURGING INITIATED AT: <b>1613</b>	PURGING ENDED AT: <b>1644</b>	TOTAL VOLUME PURGED (gallons): <b>3.1</b>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or US/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1620	21.5	21.5	20.1	12.80	7.65	27.19	90	4.17/52.0	4.11	—	Clear
1630	21.0	22.5	20.1	12.81	7.57	27.21	88	4.52/56.2	2.85	—	"
1641	20.3	28	20.1	12.81	7.54	27.32	88	4.62/58.2	3.09	—	"
1644	20.3	23.1	20.1	12.81	7.56	27.33	87	4.66/58.8	1.88	—	"
								± 10%			

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Arnel Decker / PSI</b>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1644</b>	SAMPLING ENDED AT: <b>1655</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>2 13.5</b>	TUBING MATERIAL CODE: <b>PE+SI</b>	FIELD-FILTERED: <b>Y</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP <b>Y</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/>	TUBING <b>Y</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/> (replaced)	OTHER (specify) <b>WM</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/>	DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/> <b>N</b> <input type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-16	2	CG	2x40mL	HCl	LP	LP	8220 10% 1644	RFPP	< 100
MW-16	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	82-PRO	APP	~379
MW-16	1	AG	1L	NA	—	—	8220 PARS	APP	~379
MW-16	1	PE	250mL	HNO <sub>3</sub>	LP	LP	4 RCRA	APP	~379

5 WELL VOLUMES: **25.8 gal**

REMARKS: **DO ± 10%**  
\* Samples placed on ice subsequent to collection

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
**SAMPLING/PURGING APP =** After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>mw-17</b>	SAMPLE ID: <b>mw-17</b>	DATE: <b>3/11/14</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1 1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>103</b> feet to <b>20.03</b>	STATIC DEPTH TO WATER (feet): <b>11.34</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <b>20.03</b> feet - <b>11.34</b> feet ) X <b>0.16</b> gallons/foot = <b>1.39</b> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>22.25</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>22.25</b>	PURGING INITIATED AT: <b>1121</b>	PURGING ENDED AT: <b>1153</b>	TOTAL VOLUME PURGED (gallons): <b>4.9</b>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
<b>1147</b>	<b>21.5</b>	<b>21.5</b>	<b>20.06</b>	<b>11.39</b>	<b>5.83</b>	<b>25.64</b>	<b>157</b>	<b>0.58/7.1</b>	<b>9.46</b>	<b>-</b>	<b>Clear</b>
<b>1150</b>	<b>20.2</b>	<b>21.7</b>	<b>20.06</b>	<b>11.39</b>	<b>5.81</b>	<b>25.70</b>	<b>156</b>	<b>0.58/7.1</b>	<b>8.28</b>	<b>-</b>	<b>"/11</b>
<b>1153</b>	<b>20.2</b>	<b>21.9</b>	<b>20.06</b>	<b>11.39</b>	<b>5.79</b>	<b>25.71</b>	<b>156</b>	<b>0.61/7.5</b>	<b>7.40</b>	<b>-</b>	<b>"/11</b>
WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Vanter Hamilton / PSI</b>	SAMPLER(S) SIGNATURE: <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1153</b>	SAMPLING ENDED AT: <b>1210</b>							
PUMP OR TUBING DEPTH IN WELL (feet): <b>22.25</b>	TUBING MATERIAL CODE: <b>PE+Si</b>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: <b>1</b> μm							
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/> TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/> (replaced) OTHER (specify) <b>com</b> Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>								
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
<b>mw-17</b>	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>HCL</b>	<b>LP</b>	<b>-</b>	<b>FLP/PPH</b>	<b>APP</b>	<b>~227</b>	
	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8270/PAHS</b>	<b>APP</b>	<b>~227</b>	
	<b>1</b>	<b>PE</b>	<b>250mL</b>	<b>HNO3</b>	<b>LP</b>	<b>-</b>	<b>4 PCDA</b>	<b>APP</b>	<b>~227</b>	
	<b>2</b>	<b>CG</b>	<b>40mL</b>	<b>HCL</b>	<b>LP</b>	<b>-</b>	<b>8200/PAHS/UDHS</b>	<b>RFPP</b>	<b>~100</b>	
5 WELL VOLUMES: <b>26.9 gal</b>		REMARKS: * Samples placed on ice subsequent to collection <b>✓ out of cal range</b>								
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter										
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved										

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: <b>City Soccer</b>	SITE LOCATION: <b>Orlando, Fl</b>	PROJECT NO.: <b>06631995</b>
WELL NO: <b>MW-18</b>	SAMPLE ID: <b>MW18</b>	DATE: <b>4/4/2014</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: <b>9.50</b> feet to <b>19.50</b>	STATIC DEPTH TO WATER (feet): <b>11.54</b>	PURGE PUMP TYPE OR BAILER: <b>??</b>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <b>19.50</b> feet - <b>11.54</b> feet ) X <b>0.16</b> gallons/foot = <b>1.3</b> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~12.5</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>~12.5</b>	PURGING INITIATED AT: <b>1106</b>	PURGING ENDED AT: <b>1143</b>	TOTAL VOLUME PURGED (gallons):							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1137	~1.5	~1.5	~0.05	11.61	7.07	24.48	489	0.46/5.6	3.69	—	clear/odor
1140	~0.2	~1.7	~0.05	11.61	7.12	24.46	488	0.44/5.1	3.41	—	1
1143	~0.2	~1.9	~0.05	11.61	7.16	24.49	492	0.41/4.8	3.42	—	1
WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Andy Prosta / PSI</b>		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: <b>1143</b>	SAMPLING ENDED AT: <b>1158</b>			
PUMP OR TUBING DEPTH IN WELL (feet): <b>~12.5</b>		TUBING MATERIAL CODE: <b>PE + Si</b>	FIELD-FILTERED: <b>Y</b> <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP <b>Y</b> <input checked="" type="checkbox"/>		TUBING <b>Y</b> <input checked="" type="checkbox"/> (replaced)	OTHER (specify) <b>WM</b> <input checked="" type="checkbox"/> <b>N</b>	DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/>	DUP. ID:			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-18	3	CG	40mL	HCl	LP	LP	8250 VOA/cont	RFPP <100
MW-18	1	AG	1L	NA	—	—	8250 PATHS	APP ~189
MW-18	1	AG	1L	H2SO4	LP	LP	FI-PRO	APP ~189
MW-18	1	PE	250mL	HNO3	LP	LP	4BCRA	APP ~189
5 WELL VOLUMES: <b>26.4 cool</b>		REMARKS: <b>1 = out of cal range</b> * Samples placed on ice subsequent to collection						
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)								
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter								
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved								

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-19	SAMPLE ID: MW-19	DATE: 5/9/14

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.38 feet to 11.38 feet	STATIC DEPTH TO WATER (feet): 11.45	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE:</b> 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 19.38 feet - 11.45 feet ) X 0.16 gallons/foot = 4.3 gallons				
<b>EQUIPMENT VOLUME PURGE:</b> 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 43	PURGING INITIATED AT: 0844	PURGING ENDED AT: 0930	TOTAL VOLUME PURGED (gallons): 12.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
0910	1.5	1.5	20.06	11.50	5.23	25.96	315	2.92/362	11.4	NA	clear none
0920	0.6	2.1	20.06	11.50	5.25	26.07	308	2.86/353	6.83	-	"/"/
0930	0.6	2.7	20.06	11.50	5.26	26.24	312	2.73/336	6.97	-	"/"/
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton/PSI	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0936
PUMP OR TUBING DEPTH IN WELL (feet): 43	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1 μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	OTHER (specify) 10m	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-19	2	CG	40ML	HCL	LP	-	VDNS	RFPP	4100

5 WELL VOLUMES: 46.3 gal  
 REMARKS: DO 7.2070 but stable and within +/- 10%  
 \* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter

EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liqinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-20	SAMPLE ID: MW-20	DATE: 5/9/14

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.01 feet to 19.01	STATIC DEPTH TO WATER (feet): 11.29	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 19.01 feet - 11.29 feet ) X 0.16 gallons/foot = 1.2 gallons				
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.25	PURGING INITIATED AT: 0950	PURGING ENDED AT: 1020	TOTAL VOLUME PURGED (gallons): 1.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR/ODOR (describe)
1016	1.2	1.2	0.05	11.32	5.02	25.77	1616	0.29/3.6	8.90	NA	clear
1018	0.1	1.3	0.05	11.32	5.02	25.77	1617	0.29/3.6	7.64	-	"/1"
1020	0.1	1.4	0.05	11.32	5.02	25.79	1617	0.28/3.5	6.22	-	"/1"

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton / PST	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 4.25	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> WMY	DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-20	2	CG	40mL	HCL	LA	-	IONS	RFP	4100

5 WELL VOLUMES: 16.2 gal. REMARKS: \* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-21	SAMPLE ID: mw-21	DATE: 5/8/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 8.2 feet to 18.28	STATIC DEPTH TO WATER (feet): 11.41	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 18.28 feet - 11.41 feet ) X 0.16 gallons/foot = 1.11 gallons				
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4.25	PURGING INITIATED AT: 0853	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 13.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
0908	1.1	1.1	0.07	11.45	5.06	25.69	297	2.45/30.1	34.6	NA	clear/none
0918	0.7	1.8	0.07	11.45	5.02	25.81	293	2.24/27.4	9.42	-	"/"
0923	0.4	2.2	0.07	11.45	5.05	25.90	290	2.12/26.0	7.78	-	"/"
0933	0.7	2.9	0.07	11.45	5.06	25.92	284	1.93/23.7	7.35	-	"/"
0943	0.7	3.6	0.07	11.45	5.07	25.85	283	1.90/23.4	6.55	-	"/"
0947	0.3	3.9	0.07	11.45	5.11	25.90	288	2.00/25.0	5.09	-	"/"
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT): Jennifer Hamilton/PS	AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 0954
PUMP OR TUBING DEPTH IN WELL (feet): 4.25	TUBING MATERIAL CODE: PE+SI	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) <input checked="" type="checkbox"/> DUPPLICATE: Y <input checked="" type="checkbox"/> DUP. ID: 1				

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-21	2	CG	40mL	HCL	LP	-	VONS	RFPP	<100

5 WELL VOLUMES: 5.5 gal  
 REMARKS: DO ± 10%  
 \* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-22	SAMPLE ID: mw-22	DATE: 5/8/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20.07 feet to 20.07 feet	STATIC DEPTH TO WATER (feet): 12.91	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE:</b> 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 20.07 feet - 12.91 feet ) X 0.16 gallons/foot = 4.1 gallons				
<b>EQUIPMENT VOLUME PURGE:</b> 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1017	PURGING ENDED AT: 1104	TOTAL VOLUME PURGED (gallons): 42.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) umhos/cm or µS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1034	4.1	4.1	0.06	12.95	5.16	24.66	231	1.39/16.7	152	NA	cloudy/hazy
1044	0.6	4.7	0.06	12.95	5.17	24.90	231	1.33/16.0	10.6	-	"/11
1054	0.6	5.3	0.06	12.95	5.16	24.87	230	1.32/16.0	25.0	-	cloudy/hazy
1100	0.4	5.7	0.06	12.95	5.15	24.71	229	1.32/15.9	16.4	-	"/11
1102	0.1	5.8	0.06	12.95	5.15	24.70	228	1.30/15.7	15.5	-	"/11
1104	0.1	5.9	0.06	12.95	5.15	24.71	228	1.29/15.5	14.1	-	"/11

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) AFFILIATION: Jennifer Hamilton/PSI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1104	SAMPLING ENDED AT: 1110
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) (DM) Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	DUP. ID: /	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw-22	2	CG	40mL	HCL	LP	-	VDHS	RFPP	4100

5 WELL VOLUMES: 45.7 gal. REMARKS: \* Samples placed on ice subsequent to collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-23	SAMPLE ID: mw-23	DATE: 5/9/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH (feet to): 36.0 to 41.20	STATIC DEPTH TO WATER (feet): 11.29	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (41.20 feet - 11.29 feet) X 0.16 gallons/foot = 4.8 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = 0.0026 gallons/foot X 55 feet + 0.13 gallons = 0.3 gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 138.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 138.5	PURGING INITIATED AT: 1044	PURGING ENDED AT: 1139	TOTAL VOLUME PURGED (gallons): 4.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mv)	COLOR/ODOR (describe)
1100	0.5	0.5	0.03	11.65	6.64	28.95	497	0.21/2.8	62.7	NA	cloudy hole
1110	0.3	0.8	0.03	11.65	6.37	29.43	407	0.18/2.3	33.3	-	cloudy hole
1120	0.3	1.1	0.03	11.65	6.32	29.23	395	0.18/2.3	26.6	-	"/"
1130	0.3	1.4	0.03	11.65	6.22	29.48	367	0.15/2.0	20.2	-	"/"
1135	0.2	1.6	0.03	11.65	6.20	29.54	369	0.14/1.9	18.9	-	"/"
1137	0.1	1.7	0.03	11.65	6.16	29.69	352	0.14/1.9	15.7	-	"/"
1139	0.1	1.8	0.03	11.65	6.15	29.63	349	0.14/1.8	16.1	-	"/"

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Hamilton/PSI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1139	SAMPLING ENDED AT: 1143
PUMP OR TUBING DEPTH IN WELL (feet): 138.5	TUBING MATERIAL CODE: PETS	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 1 µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) (WM) Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> DUP. ID: 1		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
mw23	2	CG	16mL	NCL	LP	-	VOLHS	RFPP	2/100

5 WELL VOLUMES: 23.9 gal. REMARKS: \* Samples placed on ice subsequent to collection. 1 = out of cal range

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
 4 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-24	SAMPLE ID: MW-24	DATE: 5/9/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.53 feet to 19.53 feet	STATIC DEPTH TO WATER (feet): 11.45	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (19.53 feet - 11.45 feet) X 0.16 gallons/foot = 1.3 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~15	PURGING INITIATED AT: 1218	PURGING ENDED AT: 1303	TOTAL VOLUME PURGED (gallons): ~3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1237	~1.5	~1.5	~0.09	11.49	6.33	29.52	430	3.34/42.3	10.3	DA	clear/No
1247	~0.9	~2.4	~0.09	11.49	6.41	29.39	470	2.91/38.7	8.82	-	11
1257	~0.9	~3.3	~0.09	11.49	6.42	29.49	421	3.04/39.7	6.56	-	11
1300	~0.3	~3.6	~0.09	11.49	6.41	29.51	426	3.00/38.9	5.18	-	11
1303	~0.3	~3.9	~0.09	11.49	6.43	29.48	432	3.09/40.4	4.95	-	11
								± 10%			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: Andy Perola / PSI	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: 1303	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): ~15	TUBING MATERIAL CODE: PE+SI	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) WM <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID:			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-24	2	CG	40mL	HCl	LP	LP	8260 volts	RFPP ~ 341	

5 WELL VOLUMES: 46.5 gal  
REMARKS: DO ± 10%  
\* Samples placed on ice subsequent to collection v= out of cal range.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES: 1 The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2 Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)  
3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.  
4 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-25	SAMPLE ID: MW-25	DATE: 5-9-2014

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.5	WELL SCREEN INTERVAL DEPTH: 2.02 feet to 19.02	STATIC DEPTH TO WATER (feet): 11.46	PURGE PUMP TYPE OR BAILER: PP							
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 19.02 feet - 11.46 feet ) X 0.16 gallons/foot = 1.2 gallons											
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 212.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 212.5	PURGING INITIATED AT: 1425	PURGING ENDED AT: 1460	TOTAL VOLUME PURGED (gallons): 236							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1439	~1.5	21.5	~0.1	11.52	5.85	25.72	197	4.55/55.9	34.2	119	Clear/No
1449	~0.0	21.5	~0.1	11.52	5.86	25.61	197	4.63/56.5	14.8	—	—
1454	~0.5	23.0	~0.1	11.52	5.86	25.74	196	4.82/56.2	9.11	—	—
1457	~0.3	23.3	~0.1	11.52	5.86	25.81	195	4.73/56.3	7.14	—	—
1460	~0.3	23.6	~0.1	11.52	5.84	25.88	193	4.61/56.7	6.17	—	—
								± 10%			
<b>WELL CAPACITY (Gallons Per Foot):</b> 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 <b>TUBING INSIDE DIA. CAPACITY (Gal./Ft.):</b> 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 <b>PURGING EQUIPMENT CODES:</b> B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Decker / PSI		SAMPLER(S) SIGNATURES: [Signature]		SAMPLING INITIATED AT: 1460	SAMPLING ENDED AT: 1515					
PUMP OR TUBING DEPTH IN WELL (feet): 212.5		TUBING MATERIAL CODE: PE+SE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm						
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) WMO		OTHER (specify) WMO		DUPLICATE: Y <input checked="" type="checkbox"/>	DUP. ID: _____					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-26	2	CG	40mL	HP1	LP	LP	8200 WMO RFP	APP	~100	
MW-26	1	AG	1L	HP1	LP	LP	FL-770 TR	APP	~376	
MW-26	1	AG	1L	NA	—	—	8200 PMS	APP	~376	
5 WELL VOLUMES: 26.0 gal		REMARKS: DO ± 10% * Samples placed on ice subsequent to collection 1 = out of col range								
<b>MATERIAL CODES:</b> AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
<b>SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter</b> <b>EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved</b>										

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liqinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-26	SAMPLE ID: MW-26	DATE: 5-9-2014

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.65 feet to 19.65	STATIC DEPTH TO WATER (feet): 11.14	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE:</b> 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 19.65 feet - 11.14 feet ) X 0.16 gallons/foot = 1.4 gallons				
<b>EQUIPMENT VOLUME PURGE:</b> 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 212.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 212.5	PURGING INITIATED AT: 1527	PURGING ENDED AT: 1604	TOTAL VOLUME PURGED (gallons): 23.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (mg/L / % saturation)	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1543	~1.5	~1.5	~0.09	11.20	5.91	25.62	119	4.03/48.4	2.65	—	clear/like
1553	~2.4	~2.4	~0.09	11.21	5.93	25.73	118	3.7/45.4	5.30	—	"
1558	~0.5	~2.9	~0.09	11.20	5.93	25.63	117	3.52/43.0	4.56	—	"
1601	~0.3	~3.2	~0.09	11.20	5.93	25.66	118	3.44/42.2	4.09	—	"
1604	~0.3	~3.5	~0.09	11.20	5.93	25.68	117	3.41/41.9	3.75	—	"
								± 10			

WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Acosta / PSI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1604	SAMPLING ENDED AT: 1614
PUMP OR TUBING DEPTH IN WELL (feet): 212.5	TUBING MATERIAL CODE: PE + Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) WM <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID: _____			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-26	2	CG	40 mL	HCl	LP	7.1	ESZB VARI	RFP	~234
MW-26	1	AG	1L	N/A	—	—	ESZB PARS	APP	~341
MW-26	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	7.1	FL-PRO	APP	~341

5 WELL VOLUMES: ~6.8 gal  
 REMARKS: DO ± 10%  
 \* Samples placed on ice subsequent to collection  
 ✓ = out of cal range

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
 EQUIPMENT CODES: RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: <i>MW-27</i>	SAMPLE ID: <i>MW-27</i>	DATE: <i>5-12-14</i>

#### PURGING DATA

WELL DIAMETER (inches): <i>2</i>	TUBING DIAMETER (inches): <i>1/4</i>	WELL SCREEN INTERVAL DEPTH: <i>4.95</i> feet to <i>19.95</i> feet	STATIC DEPTH TO WATER (feet): <i>12.90</i>	PURGE PUMP TYPE: <i>PP</i>							
<b>WELL VOLUME PURGE:</b> 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <i>14.95</i> feet - <i>12.90</i> feet ) X <i>0.16</i> gallons/foot = <i>1.1</i> gallons											
<b>EQUIPMENT VOLUME PURGE:</b> 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <i>~14</i>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <i>~14</i>	PURGING INITIATED AT: <i>1221</i>	PURGING ENDED AT: <i>1225</i>	TOTAL VOLUME PURGED (gallons): <i>~2.1</i>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu$ mhos/cm or $\mu$ S/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
<i>1219</i>	<i>~1.5</i>	<i>~1.5</i>	<i>~0.1</i>	<i>13.28</i>	<i>5.36</i>	<i>27.0</i>	<i>122.7</i>	<i>0.13/1.7</i>	<i>4.52</i>	—	<i>Clear 31.78</i>
<i>1222</i>	<i>~0.3</i>	<i>~1.8</i>	<i>~0.1</i>	<i>13.30</i>	<i>5.36</i>	<i>26.8</i>	<i>123.0</i>	<i>0.13/1.7</i>	<i>3.87</i>	—	<i>11</i>
<i>1225</i>	<i>~0.3</i>	<i>~2.1</i>	<i>~0.1</i>	<i>13.30</i>	<i>5.33</i>	<i>26.8</i>	<i>120.8</i>	<i>0.13/1.6</i>	<i>3.75</i>	—	<i>11</i>
WELL CAPACITY (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>A. Naskal / P95</i>		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1225</i>	SAMPLING ENDED AT: <i>1238</i>					
PUMP OR TUBING DEPTH IN WELL (feet): <i>~14</i>	TUBING MATERIAL CODE: <i>PE + SE</i>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: _____ $\mu$ m							
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N		TUBING Y <input checked="" type="checkbox"/> N (replaced)	OTHER (specify): <i>WM O N</i>	DUPLICATE: Y <input checked="" type="checkbox"/> N	DUP. ID: _____					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
<i>MW-27</i>	<i>3</i>	<i>CG</i>	<i>40 mL</i>	<i>HCl</i>	<i>LP</i>	<i>LP</i>	<i>820 VAPOR</i>	<i>RFPP</i>	<i>~100</i>	
<i>MW-27</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>N/A</i>	—	—	<i>820 VAPOR</i>	<i>APP</i>	<i>~379</i>	
<i>MW-27</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>H<sub>2</sub>SO<sub>4</sub></i>	<i>LP</i>	<i>LP</i>	<i>FL-PRO</i>	<i>APP</i>	<i>~379</i>	
5 WELL VOLUMES: <i>5.64 gal</i>		REMARKS: <i>* Samples placed on ice subsequent to collection</i>								
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved										

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liqinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-28	SAMPLE ID: MW-28	DATE: 5-12-14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1.5	WELL SCREEN INTERVAL DEPTH: 9.80 feet to 19.80	STATIC DEPTH TO WATER (feet): 12.34	PURGE PUMP TYPE OR BAILER: PP							
<b>WELL VOLUME PURGE:</b> 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 19.80 feet - 12.34 feet ) X 0.16 gallons/foot = 1.2 gallons											
<b>EQUIPMENT VOLUME PURGE:</b> 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	PURGING INITIATED AT: 1247	PURGING ENDED AT: 1308	TOTAL VOLUME PURGED (gallons): 2.1							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1302	21.5	21.5	20.1	12.41	5.07	27.3	73.0	0.80/10.0	2.50	—	Clear/Sl. Red.
1305	20.3	21.8	20.1	12.41	5.21	27.4	72.3	0.78/9.8	1.78	—	"
1308	20.3	21.1	20.1	12.41	5.20	27.2	71.4	0.78/9.8	1.46	—	"
<b>WELL CAPACITY</b> (Gallons Per Foot): 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 <b>TUBING INSIDE DIA. CAPACITY</b> (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 <b>PURGING EQUIPMENT CODES:</b> B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: H. Keester / PSI	SAMPLER(S) SIGNATURES: [Signature]	SAMPLING INITIATED AT: 1308	SAMPLING ENDED AT: 1323																																															
PUMP OR TUBING DEPTH IN WELL (feet): 2 13.5	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N	FILTER SIZE: _____ $\mu\text{m}$																																															
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> OTHER (specify) <u>WM &amp; N</u>		DUPLICATE: Y <input checked="" type="checkbox"/> N	DUP. ID: _____																																															
<table border="1"> <thead> <tr> <th colspan="4">SAMPLE CONTAINER SPECIFICATION</th> <th colspan="3">SAMPLE PRESERVATION</th> <th rowspan="2">INTENDED ANALYSIS AND/OR METHOD</th> <th rowspan="2">SAMPLING EQUIPMENT CODE</th> <th rowspan="2">SAMPLE PUMP FLOW RATE (mL per minute)</th> </tr> <tr> <th>SAMPLE ID CODE</th> <th># CONTAINERS</th> <th>MATERIAL CODE</th> <th>VOLUME</th> <th>PRESERVATIVE USED*</th> <th>TOTAL VOL ADDED IN FIELD (mL)</th> <th>FINAL pH</th> </tr> </thead> <tbody> <tr> <td>MW-28</td> <td>3</td> <td>CG</td> <td>40mL</td> <td>HCl</td> <td>LP</td> <td>LP</td> <td>SI-MONITOR</td> <td>RFPP</td> <td>~100</td> </tr> <tr> <td>MW-26</td> <td>1</td> <td>AG</td> <td>1L</td> <td>N/A</td> <td>—</td> <td>—</td> <td>RTZ PARTS</td> <td>APP</td> <td>~379</td> </tr> <tr> <td>MW-26</td> <td>1</td> <td>AG</td> <td>1L</td> <td>H<sub>2</sub>SO<sub>4</sub></td> <td>LP</td> <td>LP</td> <td>FL-PRO</td> <td>APP</td> <td>~379</td> </tr> </tbody> </table>				SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	MW-28	3	CG	40mL	HCl	LP	LP	SI-MONITOR	RFPP	~100	MW-26	1	AG	1L	N/A	—	—	RTZ PARTS	APP	~379	MW-26	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	FL-PRO	APP	~379
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MW-26	1	AG	1L	N/A	—	—	RTZ PARTS	APP	~379																																									
MW-26	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	FL-PRO	APP	~379																																									
5 WELL VOLUMES: -5.9 gal	REMARKS: * Samples placed on ice subsequent to collection																																																	
<b>MATERIAL CODES:</b> AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) <b>SAMPLING/PURGING APP</b> = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter <b>EQUIPMENT CODES:</b> RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved																																																		

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-29	SAMPLE ID: MW-29	DATE: 5-12-14

#### PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 9.57 feet to 19.57 feet	STATIC DEPTH TO WATER (feet): 11.61	PURGE PUMP TYPE OR BAILER: PP							
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 19.57 feet - 11.61 feet ) X 0.16 gallons/foot = 1.3 gallons											
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~13	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1401	TOTAL VOLUME PURGED (gallons): ~31							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1345	~1.5	~1.5	~0.1	11.73	5.49	26.6	108.2	2.82/34.0	5.66	—	clear
1355	~1.0	~2.5	~0.1	11.73	5.50	26.6	107.2	2.75/34.4	3.21	—	"
1358	~0.3	~2.8	~0.1	11.73	5.52	26.5	105.7	2.79/34.7	2.60	—	"
1401	~0.3	~3.1	~0.1	11.74	5.54	26.5	105.5	2.83/35.1	2.73	—	"
								± 6%			
<b>WELL CAPACITY (Gallons Per Foot):</b> 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 <b>TUBING INSIDE DIA. CAPACITY (Gal./Ft.):</b> 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 <b>PURGING EQUIPMENT CODES:</b> B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Acosta / PSS		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: 1401	SAMPLING ENDED AT: 1414					
PUMP OR TUBING DEPTH IN WELL (feet): ~13		TUBING MATERIAL CODE: PE + Si	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm						
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> (replaced)	OTHER (specify) WM	DUPLICATE: Y <input checked="" type="checkbox"/>	DUP. ID: _____					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-29	2	CG	40mL	HCl	LP	LP	Base w/acet	RFP	~100	
MW-29	1	AG	1L	N/A	—	—	820 PAHs	APP	~379	
MW-29	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	FL-PRG	APP	~379	
5 WELL VOLUMES: ~6.4 gal		REMARKS: Do ± 10%								
<b>MATERIAL CODES:</b> AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) <b>SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter</b> <b>EQUIPMENT CODES:</b> RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved										

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-30	SAMPLE ID: MW-30	DATE: 5-12-14

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.89 feet to 19.89	STATIC DEPTH TO WATER (feet): 11.92	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 19.89 feet - 11.92 feet ) X 0.16 gallons/foot = 1.3 gallons				
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1428	PURGING ENDED AT: 1448	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
1443	21.5	21.5	~0.1	12.03	5.65	26.8	198.0	0.17/2.2	2.18	—	clear
1445	20.3	41.8	20.1	12.03	5.64	26.7	196.4	0.18/2.3	9.33	—	"
1448	20.3	62.1	20.1	13.03	5.64	26.7	196.6	0.18/2.3	8.94	—	"

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: A. Koska / PSI		SAMPLER(S) SIGNATURES: [Signature]		SAMPLING INITIATED AT: 1448	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 2 13		TUBING MATERIAL CODE:	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced) OTHER (specify) [initials] N <input checked="" type="checkbox"/>		DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID:			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-30	2	CG	40 mL	HCl	LP	LP	0260 VSA/ICK	RFPP	100
MW-30	1	AG	1L	NA	—	—	0260 PARTS	APP	2319
MW-30	1	AG	1L	H2SO4	LP	LP	FL-PRO	APP	2371

5 WELL VOLUMES: 26.3 gal  
 REMARKS: \* Samples placed on ice subsequent to collection

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
**SAMPLING/PURGING APP =** After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

### GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-31	SAMPLE ID: MW-31	DATE: 5/15/14

#### PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.78 feet to 19.78	STATIC DEPTH TO WATER (feet): 12.98	PURGE PUMP TYPE OR BAILER: PP
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = ( 19.78 feet - 12.98 feet ) X 0.16 gallons/foot = 1.2 gallons				
<b>EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME</b> (only fill out if applicable) NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~13.5	PURGING INITIATED AT: 0944	PURGING ENDED AT: 1020	TOTAL VOLUME PURGED (gallons): ~3.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	ORP (mV)	COLOR/ODOR (describe)
0959	~1.5	~1.5	~0.1	12.78	6.05	26.08	167	3.23/39.8	7.26	—	21.5
1009	~1.0	~2.5	~0.1	12.78	6.02	25.98	162	3.14/38.9	7.13	—	1
1014	~0.5	~3.0	~0.1	12.78	6.03	26.13	160	3.19/39.4	5.92	—	1
1017	~0.3	~3.3	~0.1	12.79	6.03	26.20	160	3.14/38.8	4.76	—	1
1020	~0.3	~3.6	~0.1	12.79	6.04	26.25	160	3.12/38.7	4.23	—	1
								± 10%			

**WELL CAPACITY (Gallons Per Foot):** 1/2" = 0.010; 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY (Gal./Ft.):** 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

#### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Aroska / PST		SAMPLER(S) SIGNATURES: [Signature]		SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1051
PUMP OR TUBING	TUBING	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm	Filtration Equipment Type:	
DEPTH IN WELL (feet): ~13.5	MATERIAL CODE: PE+SI	OTHER (specify):		DUPLICATE: Y <input checked="" type="checkbox"/> DUP. ID:	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-31	3	CG	40 mL	HCl	LP	LP	8260 SAMPLING	RFPP	~100
	1	AG	1L	N/A	—	—	8260 PAKS	APP	~375
	1	AG	1L	H2SO4	LP	LP	PE-PRC	APP	~229

5 WELL VOLUMES: 25.76 gal  
 REMARKS: \* Samples placed on ice subsequent to collection

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
**SAMPLING/PURGING APP =** After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; WM = Water Level Meter  
**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

- NOTES:**
- The above do not constitute all of the information required by Chapter 62-160, F.A.C.
  - Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
  - Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 1 gpm = 3,785.4 mL/min

## **APPENDIX B**

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 - 521-2630

XXXXXXXXX  
Permit # 140316 Fee \$160.00 (S.M.W.S.)  
Date Issued 5/7/2014 (M.P. + install)  
Well Location 639 & 611 & 607 W. Church  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 - 521-2630

XXXXXXXXX  
Permit # 140317 Fee \$400.00 (10 Min)  
Date Issued 5/7/2014  
Well Location 639 & 611 & 607 W. Church  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 - 521-2630

XXXXXXXXX  
Permit # 140318 Fee \$280.00 (7 Min)  
Date Issued 5/7/2014 (S.M.W.S. + install)  
Well Location 22 S. Terry Ave  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	

**Florida Dept. of Health in ORANGE COUNTY**

**Orange County Health Department**  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXX  
Permit # **140139** Fee : \$40.00 (1 Mw)  
Date Issued **2/17/2014**  
Well Location **Parramore Ave**  
S 26 T 22 R 29 **Orlando**

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: <b>PVC</b>
Casing joined by	Well Diameter <b>2</b> in
Grout:	Casing depth <b>10</b> ft
Pump Type:	Exceed 75psi <b>No</b>
Tank Type:	Electric <b>No</b>
Delineated:	

**Florida Dept. of Health in ORANGE COUNTY**

**Orange County Health Department**  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXX  
Permit # **140140** Fee : \$200.00 (5 Mw)  
Date Issued **2/17/2014**  
Well Location **W Pine St**  
S 26 T 22 R 29 **Orlando**

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: <b>PVC</b>
Casing joined by	Well Diameter <b>2</b> in
Grout:	Casing depth <b>10</b> ft
Pump Type:	Exceed 75psi <b>No</b>
Tank Type:	Electric <b>No</b>
Delineated:	

**Florida Dept. of Health in ORANGE COUNTY**

**Orange County Health Department**  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXX  
Permit # **140141** Fee : \$80.00 (2 Mw)  
Date Issued **2/17/2014**  
Well Location **S Terry Ave**  
S 26 T 22 R 29 **Orlando**

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: <b>PVC</b>
Casing joined by	Well Diameter <b>2</b> in
Grout:	Casing depth <b>10</b> ft
Pump Type:	Exceed 75psi <b>No</b>
Tank Type:	Electric <b>No</b>
Delineated:	

Florida Dept. of Health in ORANGE COUNTY

XXXXXXXXXX

Orange County Health Department  
800 N. Meriv Dr., Suite 1 Orlando, FL 32808  
Phone 407-521-2630

Permit # 140240 Fee : \$80.00  
Date Issued 4/1/2014  
Well Location 639&607 W. Churh Street  
S 26 T 22 R 29 Orlando

Permit for: New Well Construction

Primary Use: Monitoring

Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXXX

Permit # 140142 Fee : \$280.00 (7 Mw)  
Date Issued 2/17/2014  
Well Location W Central Blvd  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in'
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXXX

Permit # 140194 Fee : \$40.00 (1 Mw)  
Date Issued 3/11/2014  
Well Location S Parramore & W Pine St  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	Y

Florida Dept. of Health in ORANGE COUNTY

Orange County Health Department  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

XXXXXXXXXX

Permit # 140195 Fee : \$40.00 (1 Mw)  
Date Issued 3/11/2014  
Well Location Parramore Ave & W Pine St  
S 26 T 22 R 29 Orlando

Permit for: **New Well Construction**  
Primary Use: Monitoring  
Issued to

Ambient Technologie Lic # 9443  
Chad Hall  
4610 Central Ave  
St Petersburg FL 33711

Well must meet all required setbacks  
Authority Chapter 36-A Orange County Well Code

Construction Specifics

Drilling Meth:	Type Well:
Annular Mat:	Casing Mat: PVC
Casing joined by	Well Diameter 2 in
Grout:	Casing depth 10 ft
Pump Type:	Exceed 75psi No
Tank Type:	Electric No
Delineated:	Y



STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Date Stamp
Official Use Only

1.\*Permit Number 140316 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 0 \*Number of permitted wells not constructed, repaired, or abandoned 4
3.\*Owner's Name City of Orlando 4.\*Completion Date 5/8/14 5. Florida Unique ID
6. 639, 611 & 607 W. Church St., Orlando, FL
\*Well Location - Address, Road Name or Number, City, ZIP
7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29
8. Latitude Longitude
9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
10.\*Type of Work: Construction Repair Modification Abandonment
11.\*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)
12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other
13.\*Measured Static Water Level ft. Measured Pumping Water Level ft. After Hours at GPM
14.\*Measuring Point (Describe) Which is ft. Above x Below Land Surface \*Flowing: Yes No
15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other
16.\*Total Well Depth ft. Cased Depth ft. \*Open Hole: From To ft. \*Screen: From To ft. Slot Size
17.\*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
18.\*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
19.\*Primary Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
20.\*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
21.\*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit
24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com
\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall
(I certify that the information provided in this report is accurate and true.)





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Orange County

Date Stamp

Official Use Only

1.\*Permit Number 140317 \*CUP/WUP Number NA \*DiD Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 10 \*Number of permitted wells not constructed, repaired, or abandoned 0
3.\*Owner's Name City of Orlando 4.\*Completion Date 5/8/17 5. Florida Unique ID
6. 639, 611 & 607 W. Church St., Orlando, FL
\*Well Location - Address, Road Name or Number, City, ZIP
7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude
9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment
11.\*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other
13.\*Measured Static Water Level 8 ft. Measured Pumping Water Level ft. After Hours at GPM
14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No
15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other
16.\*Total Well Depth 19-26 ft. Cased Depth 9-16 ft. \*Open Hole: From To ft. \*Screen: From 9-16 To 19-26 ft. Slot Size 0.010

17.\*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:
Dia 2 in. From 0 ft. To 9-16 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall
(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.COM

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712  
 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
 WWW.NWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
 3301 GUN CLUB ROAD  
 WEST PALM BEACH, FL 33416-4680  
 PHONE: (561) 686-8800  
 WWW.SFWMD.GOV

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
 9225 CR 49  
 LIVE OAK, FL 32060  
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
 WWW.MYSUWANNEERIVER.COM

**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 10 MW (MW19 X 20FT, MW20 X 19FT, MW 21 X 19FT, MW23 X 41FT, MW22 X 20FT, MW24 X 20FT, MW25 X 20FT, MW26 X 20FT, MW27X20 FT & MW28X20)  
 ALL WITH 10 FT SCREEN EXCEPT MW23 WITH 5 FT SCREEN (TD 41 FT).

**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest Northwest St. Johns River South Florida Suwannee River DEP Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)

Date Stamp Official Use Only

1.\*Permit Number 140139 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 1 \*Number of permitted wells not constructed, repaired, or abandoned 0
3.\*Owner's Name City of Orlando 4.\*Completion Date 2/28/14 5. Florida Unique ID
6. One (1) parcel bounded by Parramore Ave, W. Pine street, S. Terry Ave. and W. Church Street, Orlando
\*Well Location - Address, Road Name or Number, City, ZIP
7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29
8. Latitude Longitude
9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
10.\*Type of Work: Construction Repair Modification Abandonment
11.\*Specify Intended Use(s) of Well(s)
12.\*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM
14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No
15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other
16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.005
17.\*Abandonment: Other (Explain)
18.\*Surface Casing Diameter and Depth:
19.\*Primary Casing Diameter and Depth:
20.\*Liner Casing Diameter and Depth:
21.\*Telescope Casing Diameter and Depth:
22. Pump Type (if Known): Centrifugal Jet Submersible Turbine
23. Chemical Analysis (When Required): Iron ppm Sulfate ppm Chloride ppm
24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com
\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
 3301 GUN CLUB ROAD  
 WEST PALM BEACH, FL 33416-4680  
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 WWW.SFWMD.GOV

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.COM

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
 9225 CR 49  
 LIVE OAK, FL 32060  
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
 WWW.MYSUWANNEERIVER.COM

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712  
 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
 WWW.NWFWMD.STATE.FL.US

**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 1 MW

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**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Date Stamp

Official Use Only

1.\*Permit Number 140192 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 7 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name City of Orlando 4.\*Completion Date 3/7/14 5. Florida Unique ID

6. Seven (7) parcels bounded by Parramore Ave, W. Central Blvd, S. Terry Ave. and W. Pine street
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify Intended Use(s) of Well(s)
Domestic Bottled Water Supply Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection
Landscape Irrigation Recreation Area Irrigation
Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation
Site Investigations Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe) Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.006

17.\*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 10 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
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**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 7 MW  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Orange County

Date Stamp

Official Use Only

1.\*Permit Number 140140 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 5 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name City of Orlando 4.\*Completion Date 2/28/14 5. Florida Unique ID

6. Three (3) parcels bounded by Parramore Ave, W. Pine street, S. Terry Ave. and W. Church Street, Orlando
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify Intended Use(s) of Well(s)
Domestic Bottled Water Supply Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection
Landscape Irrigation Recreation Area Irrigation Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation
Site Investigations Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe) Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.005

17.\*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 10 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (if Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
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**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 5 MW

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**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest Northwest St. Johns River South Florida Suwannee River DEP Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)

Date Stamp Official Use Only

1.\*Permit Number 140240 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 2 \*Number of permitted wells not constructed, repaired, or abandoned 0
3.\*Owner's Name City of Orlando 4.\*Completion Date 4/3/14&5/13/14 5. Florida Unique ID
6. 329 & 607 W. Church Street, Orlando
\*Well Location - Address, Road Name or Number, City, ZIP
7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29
8. Latitude Longitude
9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
10.\*Type of Work: Construction Repair Modification Abandonment
11.\*Specify Intended Use(s) of Well(s)
12.\*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
13.\*Measured Static Water Level 11 ft. Measured Pumping Water Level ft. After Hours at GPM
14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No
15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other
16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.006
17.\*Abandonment: Other (Explain)
18.\*Surface Casing Diameter and Depth:
19.\*Primary Casing Diameter and Depth:
20.\*Liner Casing Diameter and Depth:
21.\*Telescope Casing Diameter and Depth:
22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
23. Chemical Analysis (When Required): Iron ppm Sulfate ppm Chloride ppm
24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com
\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
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**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712  
 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
 WWW.NWFWMD.STATE.FL.US

**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: REVISION (6/9/14): 2 MWs - 1st MW installed 4/3/14 and 2nd MW installed 5/13/14.  
 (SEE ATTACHED FIGURE)

**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest Northwest St. Johns River South Florida Suwannee River DEP Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)

Date Stamp Official Use Only

1.\*Permit Number 140141 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 2 \*Number of permitted wells not constructed, repaired, or abandoned 0
3.\*Owner's Name City of Orlando 4.\*Completion Date 2/28/14 5. Florida Unique ID
6. One (1) parcel bounded by Parramore Ave, W. Pine street, S. Terry Ave. and W. Church Street, Orlando
\*Well Location - Address, Road Name or Number, City, ZIP
7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29
8. Latitude Longitude
9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
10.\*Type of Work: Construction Repair Modification Abandonment
11.\*Specify Intended Use(s) of Well(s)
12.\*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM
14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No
15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other
16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.006
17.\*Abandonment: Other (Explain)
18.\*Surface Casing Diameter and Depth:
19.\*Primary Casing Diameter and Depth:
20.\*Liner Casing Diameter and Depth:
21.\*Telescope Casing Diameter and Depth:
22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
23. Chemical Analysis (When Required): Iron ppm Sulfate ppm Chloride ppm
24. Water Well Contractor:
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com
\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
 3301 GUN CLUB ROAD  
 WEST PALM BEACH, FL 33416-4680  
 PHONE: (561) 686-8800  
 WWW.SFWMD.GOV

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.COM

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
 9225 CR 49  
 LIVE OAK, FL 32060  
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
 WWW.MYSUWANNEERIVER.COM

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 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
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**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From	0	ft.	To	3	ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From	3	ft.	To	8	ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From	8	ft.	To	12	ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From	12	ft.	To	20	ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)		Material	

Comments: 2 MW

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**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Orange County

Date Stamp

Official Use Only

1.\*Permit Number 140195 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 1 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name City of Orlando 4.\*Completion Date 3/11/14 5. Florida Unique ID

6. One (1) parcel bounded by S. Parramore, W. Pine street, S. Terrey Ave., and W. Church Street
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify Intended Use(s) of Well(s)

Domestic Bottled Water Supply Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection
Landscape Irrigation Recreation Area Irrigation Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation
Site Investigations Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage

Remediation: Recovery Air Sparge Other (Describe) Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.006

17.\*Abandonment: Other (Explain)

From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:

Dia 1 in. From 0 ft. To 10 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known):

Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.

23. Chemical Analysis (When Required):

Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:

\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
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 PHONE: (386) 329-4500  
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**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
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**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 1 MW

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**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Orange County

Date Stamp

Official Use Only

1.\*Permit Number 140194 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 1 \*Number of permitted wells not constructed, repaired, or abandoned 0

3.\*Owner's Name City of Orlando 4.\*Completion Date 3/11/14 5. Florida Unique ID

6. One (1) parcel bounded by S. Parramore, W. Pine street, S. Terrey Ave., and W. Church Street
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify intended Use(s) of Well(s)

Domestic Bottled Water Supply Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection
Landscape Irrigation Recreation Area Irrigation Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation
Site Investigations Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage

Remediation: Recovery Air Sparge Other (Describe) Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.006

17.\*Abandonment: Other (Explain)

From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:

Dia 1 in. From 0 ft. To 10 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known):

Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.

23. Chemical Analysis (When Required):

Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:

\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
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From 0 ft.	To 3 ft.	Color	brown	Grain Size (F, M, C)	f	Material	sand
From 3 ft.	To 8 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From 8 ft.	To 12 ft.	Color	orangish brown	Grain Size (F, M, C)	f	Material	clayey sand
From 12 ft.	To 20 ft.	Color	tan	Grain Size (F, M, C)	f	Material	sand
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: 1 MW  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**\*Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Orange County

Date Stamp

Official Use Only

1.\*Permit Number 140240 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA
2.\*Number of permitted wells constructed, repaired, or abandoned 1 \*Number of permitted wells not constructed, repaired, or abandoned 1

3.\*Owner's Name City of Orlando 4.\*Completion Date 4/3/14 5. Florida Unique ID

6. 329 & 607 W. Church Street, Orlando

\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \*Township 22 \*Range 29

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify Intended Use(s) of Well(s)

- Domestic Bottled Water Supply Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection
Landscape Irrigation Recreation Area Irrigation
Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation
Site Investigations Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage

Remediation: Recovery Air Sparge Other (Describe)

Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 9 ft. Measured Pumping Water Level ft. After Hours at GPM

14.\*Measuring Point (Describe) POC Which is 0 ft. Above x Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From To ft. \*Screen: From 10 To 20 ft. Slot Size 0.005

17.\*Abandonment: Other (Explain)

From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:

Dia 1 in. From 0 ft. To 10 ft. No. of Bags 2 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known):

Centrifugal Jet Submersible Turbine

Horsepower Pump Capacity (GPM)

Pump Depth ft. Intake Depth ft.

23. Chemical Analysis (When Required):

Iron ppm Sulfate ppm Chloride ppm

Laboratory Test Field Test Kit

24. Water Well Contractor:

\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com

\*Contractor's Signature \*Driller's Name (Print or Type) Chad Hall

(I certify that the information provided in this report is accurate and true.)





# STATE OF FLORIDA WELL COMPLETION REPORT

Southwest  
Northwest  
✓ St. Johns River  
South Florida  
Suwannee River  
DEP  
✓ Delegated Authority (If Applicable) Orange County

PLEASE, FILL OUT ALL APPLICABLE FIELDS  
(\*Denotes Required Fields Where Applicable)

Date Stamp \_\_\_\_\_

Official Use Only

1.\*Permit Number 140318 \*CUP/WUP Number NA \*DID Number NA 62-524 Delineation No. NA

2.\*Number of permitted wells constructed, repaired, or abandoned 2 \*Number of permitted wells not constructed, repaired, or abandoned 5

3.\*Owner's Name City of Orlando 4.\*Completion Date 5/8/14 5. Florida Unique ID \_\_\_\_\_

6. 22 S. Terry Ave., Orlando, FL  
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Orange \*Section 26 Land Grant \_\_\_\_\_ \*Township 22 \*Range 29

8. Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

9. Data Obtained From:  GPS  Map  Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work:  Construction  Repair  Modification  Abandonment

11.\*Specify Intended Use(s) of Well(s)

<input type="checkbox"/> Domestic	<input type="checkbox"/> Landscape Irrigation	<input type="checkbox"/> Agricultural Irrigation	<input type="checkbox"/> Site Investigations
<input type="checkbox"/> Bottled Water Supply	<input type="checkbox"/> Recreation Area Irrigation	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Public Water Supply (Limited Use/DOH)	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)	<input type="checkbox"/> Nursery Irrigation	<input type="checkbox"/> Test
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal
		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply
			<input type="checkbox"/> HVAC Return

Class V Injection:  Recharge  Commercial/Industrial Disposal  Aquifer Storage and Recovery  Drainage

Remediation:  Recovery  Air Sparge  Other (Describe) \_\_\_\_\_

Other (Describe) \_\_\_\_\_

12.\*Drill Method:  Auger  Cable Tool  Rotary  Combination (Two or More Methods)  Jetted  Sonic  
 Horizontal Drilling  Hydraulic Point (Direct Push)  Other \_\_\_\_\_

13.\*Measured Static Water Level 11.9 ft. Measured Pumping Water Level \_\_\_\_\_ ft. After \_\_\_\_\_ Hours at \_\_\_\_\_ GPM

14.\*Measuring Point (Describe) POC \_\_\_\_\_ Which is 0 ft. Above x Below Land Surface \*Flowing:  Yes  No

15.\*Casing Material:  Black Steel  Galvanized  PVC  Stainless Steel  Not Cased  Other \_\_\_\_\_

16.\*Total Well Depth 20 ft. Cased Depth 10 ft. \*Open Hole: From \_\_\_\_\_ To \_\_\_\_\_ ft. \*Screen: From 10 To 20 ft. Slot Size 0.010

17.\*Abandonment:  Other (Explain) \_\_\_\_\_

From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

18.\*Surface Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

19.\*Primary Casing Diameter and Depth:

Dia <u>1</u> in. From <u>0</u> ft. To <u>10</u> ft. No. of Bags <u>2</u>	Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

20.\*Liner Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

21.\*Telescope Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

22. Pump Type (If Known):  Centrifugal  Jet  Submersible  Turbine  
Horsepower \_\_\_\_\_ Pump Capacity (GPM) \_\_\_\_\_  
Pump Depth \_\_\_\_\_ ft. Intake Depth \_\_\_\_\_ ft.

23. Chemical Analysis (When Required):  
Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm  
 Laboratory Test  Field Test Kit

24. Water Well Contractor:  
\*Contractor Name Chad Hall \*License Number 9443 E-mail Address george@ambienttech.com  
\*Contractor's Signature \_\_\_\_\_ \*Driller's Name (Print or Type) Chad Hall  
(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
 3301 GUN CLUB ROAD  
 WEST PALM BEACH, FL 33416-4680  
 PHONE: (561) 686-8800  
 WWW.SFWMD.GOV

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.COM

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
 9225 CR 49  
 LIVE OAK, FL 32060  
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
 WWW.MYSUWANNEERIVER.COM

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712  
 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
 WWW.NWFWMD.STATE.FL.US

**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 3 ft.	Color brown	Grain Size (F, M, C) f	Material sand
From 3 ft.	To 8 ft.	Color tan	Grain Size (F, M, C) f	Material sand
From 8 ft.	To 12 ft.	Color orangish brown	Grain Size (F, M, C) f	Material clayey sand
From 12 ft.	To 20 ft.	Color tan	Grain Size (F, M, C) f	Material sand
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____
From _____ ft.	To _____ ft.	Color _____	Grain Size (F, M, C) _____	Material _____

Comments: 2 MWs installed (5 MWs on this permit were NOT installed)

**\*Detailed Site Map of Well Location**



## **APPENDIX C**

PO#: 130892-0001

64011

Continuation

NON-HAZARDOUS WASTE MANIFEST  
 1 Generator ID Number  
 2 Page 1 of 3  
 3 Emergency Response Phone: 800-424-8300  
 4 Waste Tracking Number: CEI 0046815

5 Generator's Name and Mailing Address: CITY OF ORLANDO, 8100 L.B. MCLEOD BLVD, ORLANDO, FL 32811  
 Generator's Site Address (if different than mailing address): Soccer Stadium

6 Transporter 1 Company Name: CLARK ENVIRONMENTAL INC, U.S. EPA ID Number: FL000000003

7 Transporter 2 Company Name, U.S. EPA ID Number

8 Designated Facility Name and Site Address: CLARK ENVIRONMENTAL INC, 15311 PHOENIX INDUSTRIAL PKWY, AUSTIN, TX 78750, U.S. EPA ID Number: FLDT000000001, Facility's Phone

9 Waste Shipping Name and Description	10 Containers		11 Total Quantity	12 Unit Wt./Vol.
	No.	Type		
1 INDUSTRIAL WASTE NON-REGULATED MATERIAL	030	DRM	01650	G
2 INDUSTRIAL WASTE NON-REGULATED MATERIAL	010	DRM	05500	G
3				
4				

13 Special Handling Instructions and Additional Information: WASTE PROCESS HAS NOT CHANGED SINCE PROFILED  
 Broker: ACT  
 Broker Site Contact: JEFF HESTER

14 GENERATOR CERTIFICATION: I hereby declare that the contents of this assignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled in accordance with all relevant provisions of the Hazardous Materials Regulations.

Generator's Official Printed/Typed Name: Adam Earl, Signature: [Signature], Month/Day/Year: 06/16/14

15 International Shipments:  Report to ICS,  Export from U.S.,  Import to U.S.

16 Transporter Acknowledgment of Receipt of Material: Transporter 1 Printed/Typed Name: Jason Hardy, Signature: [Signature], Month/Day/Year: 06/16/14

Transporter 2 Printed/Typed Name, Signature, Month/Day/Year

17 Disposition: 17a Disposition of Material:  Quantity,  Type,  Reuse,  Recycle/Recovery,  Fuel/Fueler,  Other

17b Receiver Facility or Generator, U.S. EPA ID Number

17c Signature of Receiver Facility or Generator, Month/Day/Year

18 Designated Facility Owner or Operator Certification: I hereby certify that the contents of this assignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled in accordance with all relevant provisions of the Hazardous Materials Regulations.

Printed/Typed Name: Kim Cruz, Signature: [Signature], Month/Day/Year: 06/16/14

GENERATOR

TRANSPORTER

DESIGNATED FACILITY