

**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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**ECT No. 130892 & 140453  
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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.

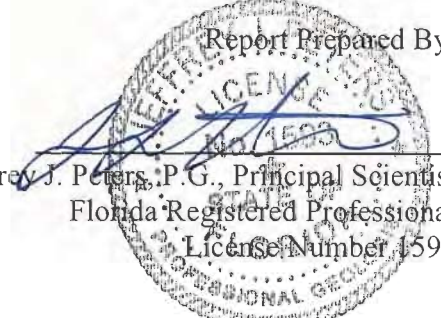
Orange County Property Appraisers Website.

## 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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## **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	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP			
11/26/2013	86.73	12.45	---	86.70	12.46	---	86.83	12.41	---	86.85	12.58	---	86.51	13.49	---	86.59	13.69	---

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

DETECTED PARAMETERS																	
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	AREA #1 - FORMER AUTO REPAIR/PAINT AND BODY													
				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)		
M-2@1'	2/17/2014	0.45	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)
M-4@1'	2/17/2014	0.56	0.4	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)
M-4N1@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4N1@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4E1@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4S1@1'	5/2/2014	---	---	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
M-4S2@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W1@1'	5/2/2014	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M-4W1@3'	5/2/2014	---	---	NA	NA	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	NA	NA
M-6 @ 1'	2/17/2014	0.10	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)
M-10 @ 2'	2/17/2014	0.15	0.4	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)
M-11 @ 1'	2/17/2014	0.01	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)
Area #2 - FORMER AUTO REPAIR W/ GASOLINE TANKS																	
C-1 @ 1'	2/18/2014	5.34	1.1	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)
C-1 @ 5'	2/18/2014	0.67	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)
C-5 @ 2'	2/18/2014	0.31	3.7	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)
C-9 @ 1'	2/18/2014	1.34	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)
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	---	0.7	15	---	18	---	960	---	---	---
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	---	1.2	80	---	95	---	5,600	---	---	---
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	---	0.001	0.3	---	0.3	---	---	---	---	---

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

				DETECTED PARAMETERS												
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)	
				AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP												
I-1 @ 1'	2/18/2014	0.40	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)	
I-6 @ 1'	2/18/2014	0.01	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)	
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	
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	0.001 (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)	
A-5@1'	2/19/2014	0.32	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)	
				AREA #5 - FORMER ELECTRIC MOTOR REPAIR												
B-3@1'	2/19/2014	1.94	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)	
B-6@1'	2/19/2014	0.01	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)	
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	0.001 (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)	
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	---	0.7	15	---	18	---	960	---	
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	---	1.2	80	---	95	---	5,600	---	
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	---	0.001	0.3	---	0.3	---	---	---	

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

DETECTED PARAMETERS															
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
AREA #6 - FORMER AUTO REPAIR W/ ONE GASOLINE TANK															
D-1@2'	2/21/2014		0.75	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)
D-1@3'	5/2/2014		----	----	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
D-1E1@1'	5/2/2014		----	----	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
D-1W1@1'	5/2/2014		----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-6@5'	2/21/2014		685.99	396.1	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)
AREA #7 - FORMER AUTO REPAIR															
E-1@1'	2/24/2014		0.00	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)
E-5@1'	2/24/2014		0.20	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)
AREA #8 - FORMER AUTO REPAIR															
F-5@7'	2/25/2014		0.18	2.9	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)
F-5@5'	5/5/2014		----	----	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
F-5N1@7'	5/5/2014		----	----	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
F-5N2@7'	5/5/2014		----	----	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
F-5S1@7'	5/5/2014		----	----	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
F-5S2@7'	5/5/2014		----	----	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
F-5W1@9'	5/5/2014		----	----	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
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	----	0.7	15	----	18	----	960	----
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	----	1.2	80	----	95	----	5,600	----
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	----	0.001	0.3	----	0.3	----	----	----

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

DETECTED PARAMETERS															
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
AREA #8 - FORMER AUTO REPAIR (cont)															
F-6@1'	2/25/2014	0.67	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)
F-6@3'	4/28/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N1@1'	4/28/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6N1@3'	4/28/2014	----	----	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
F-6E1@1'	4/28/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6E1@3'	4/28/2014	----	----	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
F-6S1@1'	4/28/2014	----	----	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
F-6S2@1'	4/28/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-6W1@1'	4/28/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AREA #9 - FORMER AUTO REPAIR/INSECTICIDE COMPANY															
G-3@1'	2/28/2014	13.01	23.9	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)
G-3@3'	5/1/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3N1@1'	5/1/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	----	0.7	15	----	18	----	960	----
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	----	1.2	80	----	95	----	5,600	----
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	----	0.001	0.3	----	0.3	----	----	----

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

DETECTED PARAMETERS															
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
AREA #9 - FORMER AUTO REPAIR/INSECTICIDE COMPANY (con't)															
G-5@9'	2/28/2014	69.05	43.4	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)
G-6@1'	2/28/2014	20.29	10	0.002 (I)	0.001 (I)	0.002 (I)	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)
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	0.001 (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)
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
G-8E1@1'	5/7/2014	----	----	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
G-8W1@1'	5/7/2014	----	----	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
G-8W2@1'	5/7/2014	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	----	0.7	15	----	18	----	960	----
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	----	1.2	80	----	95	----	5,600	----
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	----	0.001	0.3	----	0.3	----	----	----

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

				DETECTED PARAMETERS											
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Isopropylbenzene (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)
AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR															
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)
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)
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)
H-6N1@1'	5/7/2014	----	----	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
H-6S1@1'	5/7/2014	----	----	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
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)
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
AREA #11 - FORMER OFF-SITE DRY CLEANERS															
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)
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)
AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS															
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)
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
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	----	0.7	15	----	18	----	960	----
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	----	1.2	80	----	95	----	5,600	----
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	----	0.001	0.3	----	0.3	----	----	----

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

DETECTED PARAMETERS															
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS (con't)															
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	0.171 (I)	0.900	1.500	2.050	3.200	0.700	1.300	0.200 (I)	14.00 (J)	1.800	2.900	2.300
K-9@5'	4/29/2014	----	----	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-9@9'	4/29/2014	----	----	0.001 (U)	0.007	0.027	0.031	0.065	0.001 (U)	0.24 (D)	0.005	0.73	0.050	0.079	0.064
K-9N1@7'	4/29/2014	----	----	0.001 (U)	0.014	0.001 (U)	0.039	0.074	0.001 (U)	0.43	0.006	0.007	0.050	0.099	0.042
K-9N3@7'	5/5/2014	----	----	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-9E1@7'	4/29/2014	----	----	0.001 (U)	0.15	0.405	0.42	0.80	0.001 (U)	1.7	0.028	2.8	0.69	1.2	0.90
K-9E2@7'	5/15/2014	----	----	0.060 (U)	0.200 (I)	0.450	0.450	0.790	0.060 (U)	2.2	0.075 (I)	4.20	0.620	0.900	1.10
K-9S1@7'	4/29/2014	----	----	0.007	0.39	0.647	0.94	1.7	0.001 (U)	1.6	0.012	8.3	0.99	1.6	1.4
K-9S3@7'	5/5/2014	----	----	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.005 (I)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)	0.001 (U)
K-9W3@7'	5/5/2014	----	----	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)
AREA #13 - FORMER AUTO REPAIR															
L-2@1'	5/13/2014	<1	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)
L-5@1'	5/13/2014	<1	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)
Chapter 62-777, FAC DE-I SCTLs				7,500	1,500	130	220	----	0.7	15	----	18	----	960	----
Chapter 62-777, FAC DE-II SCTLs				60,000	9,200	700	1,200	----	1.2	80	----	95	----	5,600	----
Chapter 62-777, FAC LSCTLs				0.5	0.6	0.2	0.2	----	0.001	0.3	----	0.3	----	----	----

Notes:

- OVA-FID = Organic Vapor Analyzer equipped with Flame Ionization Detector.
- OVA-PID = OVA equipped with Photoionization Detector.
- mg/kg = Milligrams per kilogram or parts per million (ppm).
- U = Analyte not detected above the laboratory method detection limit (LMDL).
- NA = Not analyzed for stated parameter.
- I = Result is between the LMDL and the practical quantitation limit (PQL).
- J = Estimated value; the concentration indicated for this test parameter is an estimated value above the calibration range of the instrument.
- FAC = Florida Administrative Code.
- DE-I SCTLs = Direct Exposure-Residential Soil Cleanup Target Levels.
- = Criteria not established for stated parameter at this time.
- DE-II SCTLs = Direct Exposure-Commercial SCTLs.
- LSCTLs = Leachability SCTLs.
- Bolded values exceed Chapter 62-777, FAC criteria.**

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)
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)
M-4@1'	2/17/2014	0.56	0.4	0.006 (U)/0.011 (U)	0.011 (U)	0.011 (U)	0.034 (U)	0.011 (U)	0.011 (U)	0.011 (U)	0.052 (U)	0.204 (U)	0.301 (U)
M-4@3'	5/2/2014	---	---	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)
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)
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)
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)	0.079 (U)	0.243 (U)	0.197 (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)
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)	0.023 (U)	0.170 (U)	0.090 (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)
M-4W1@3'	5/2/2014	---	---	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
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)
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)
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)
AREA #2 - FORMER AUTO REPAIR w/ GASOLINE TANKS													
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)
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)
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)
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)
AREA #3 - FORMER NATIONAL ELECTRIC WORKSHOP													
I-1 @ 1'	2/18/2014	0.40	0.0	0.005 (U)/0.120 (U)	0.120 (U)	0.098 (U)	0.120 (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)	0.120 (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
I-6N1@1'	4/28/2014	---	---	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
I-6E1@3'	4/28/2014	---	---	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
I-6S1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chapter 62-777, FAC DE-I SCTLs				55	210	200	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 L SCTLs				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)
I-6S1@3'	4/28/2014	---	---	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
I-6W1@1'	4/28/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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)
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)
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)	0.140 (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)	0.180 (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
B-6N1@1'	4/29/2014	---	---	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
B-6S1@1'	4/29/2014	---	---	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
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)	0.180 (U)	0.170 (U)	0.200 (U)	0.140 (U)	0.140 (U)
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)
D-1@3'	5/2/2014	---	---	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
D-1E1@1'	5/2/2014	---	---	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
D-1W1@1'	5/2/2014	---	---	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)
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)	0.010 (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)	0.011 (U)	0.039 (U)	0.026 (U)
Chapter 62-777: FAC DE-I SCTLs				55	210	200	1,800	2,400	2,600	2,200	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

DETECTED PARAMETERS													
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
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)
F-5@5'	5/5/2014			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
F-5N1@7'	5/5/2014			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
F-5N2@7'	5/5/2014			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
F-5S1@7'	5/5/2014			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
F-5S2@7'	5/5/2014			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
F-5W1@9'	5/5/2014			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
F-6@1'	2/25/2014	0.67	0.0	0.007 (U) / 0.011 (U)	0.011 (U)	0.011 (U)	0.036 (U)	0.011 (U)	0.011 (U)	0.129	0.019 (U)	0.224	0.18
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)
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)
F-6N1@3'	4/28/2014			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
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)
F-6E1@3'	4/28/2014			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
F-6S1@1'	4/28/2014			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
F-6S2@1'	4/28/2014			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)	0.015 (U)	0.011 (U)	0.021 (U)	0.021 (U)
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 (U)	0.025 (U)	0.388	0.062	0.643	0.477
G-3@3'	5/12/2014			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)
Chapter 62-777, FAC DE-I SCTLs				55	210	200	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:  
CITY/COUNTY/STATE:  
PSI PROJECT NO.:

Two-City Blocks  
Orlando, Orange County, Florida  
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)
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)
G-3N1@3'	5/1/2014	---	---	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
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)
G-3E1@3'	5/1/2014	---	---	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
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)
G-3S1@3'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3W1@1'	5/1/2014	---	---	NA/NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-5@9'	2/28/2014	69.05	43.4	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)
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)	0.013 (U)
G-6@3'	5/5/2014	---	---	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
G-6N1@3'	5/5/2014	---	---	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
G-6E1@1'	5/5/2014	---	---	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
G-6E2@1'	5/5/2014	---	---	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
G-6S1@3'	5/5/2014	---	---	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
G-6W1@1'	5/5/2014	---	---	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
G-6W2@1'	5/5/2014	---	---	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)
G-8@3'	5/7/2014	---	---	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
Chapter 62-777, FAC DE-I SCTLs				55	210	200	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:  
CITY/COUNTY/STATE:  
PSI PROJECT NO.:

Two-City Blocks  
Orlando, Orange County, Florida  
06631995

DETECTED PARAMETERS													
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)
AREA #9 - AUTO REPAIR/INSECTICIDE COMPANY (cont')													
G-8N1@3'	5/7/2014	---	---	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
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	0.006 (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)
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)
H-6@1'	2/28/2014	1.8	0.2	0.005 (U) / 2.475	1.222	1.648	0.642 (U)	2.624	3.430	32.76	7.255	32.04	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)
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)	0.036 (l)	0.011 (U)	0.045 (l)	0.023 (l)
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)
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)
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)
H-9@3'	5/7/2014	---	---	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
H-9N1@5'	5/7/2014	---	---	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
H-9S1@5'	5/7/2014	---	---	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
H-9S2@5'	5/7/2014	---	---	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
H-9W1@7'	5/7/2014	---	---	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
Chapter 62-777, FAC DE-I SCTLs				55	210	200	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

DETECTED PARAMETERS														
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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 #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)	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 (I)	0.088	0.17	8.4 (I)	
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)	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)	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)	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	0.25	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)	NC	NA	
M-4S2@1'	5/2/2014	----	----	0.020 (I)	0.150	0.074	0.011 (U)	0.082	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)	NC	NA	
M-4W1@3'	5/2/2014	----	----	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	
M-6 @ 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)	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)	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)	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)	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)	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)	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)	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)	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)	NC	55	
I-6 @ 3'	4/28/2014	----	----	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	
I-6E1@1'	4/28/2014	----	----	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	
I-6E2@1'	4/28/2014	----	----	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	
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

DETECTED PARAMETERS													
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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 #3 - FORMER NATIONAL ELECTRIC WORKSHOP (cont)													
I-6S1@3'	4/28/2014	----	----	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
I-6W1@1'	4/28/2014	----	----	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	0.012 (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)
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)	NC	6.7 (U)
AREA #5 - FORMER ELECTRIC MOTOR 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)	0.170 (U)	NC	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)	0.210 (U)	NC	22
B-6@3'	4/29/2014	----	----	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
B-6E1@1'	4/29/2014	----	----	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
B-6W1@1'	4/29/2014	----	----	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)	0.210 (U)	NC	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)	NC	404
D-1@4'	5/2/2014	----	----	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	3.8 (U)
D-1E1@2'	5/2/2014	----	----	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	4.0 (U)
D-1W1@2'	5/2/2014	----	----	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)	NC	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)	0.012 (U)	0.01	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)	0.01	55
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

DETECTED PARAMETERS														
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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 #8 - FORMER AUTO REPAIR														
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)	NC	6.1 (U)	
F-5@5'	5/5/2014			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	
F-5N1@7'	5/5/2014			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	
F-5N2@7'	5/5/2014			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	
F-5S1@7'	5/5/2014			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	
F-5S2@7'	5/5/2014			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	
F-5W1@9'	5/5/2014			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	
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)	NC	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)	NC	NA	
F-6N1@3'	4/28/2014			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	
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)	NC	NA	
F-6E1@3'	4/28/2014			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	
F-6S1@1'	4/28/2014			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	
F-6S2@1'	4/28/2014			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	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'	5/12/2014			0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	0.012 (U)	NC	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

DETECTED PARAMETERS													
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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)	NC	NA
G-3N1@3'	5/1/2014			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
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)	NC	NA
G-3E1@3'	5/1/2014			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
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)	NC	NA
G-3S1@3'	5/1/2014			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
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)	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)	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)	0.01	9.1 (U)
G-6@3'	5/5/2014			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
G-6N1@3'	5/5/2014			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
G-6E1@1'	5/5/2014			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
G-6E2@1'	5/5/2014			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
G-6S1@3'	5/5/2014			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
G-6W1@1'	5/5/2014			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
G-6W2@1'	5/5/2014			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)	NC	5.7 (U)
G-8@3'	5/7/2014			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
G-8N1@3'	5/7/2014			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
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

DETECTED PARAMETERS														
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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	
G-8S1@1'	5/7/2014	---	---	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	
G-8W1@3'	5/7/2014	---	---	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	
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)	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)	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	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)	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)	0.01	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)	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)	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)	0.01	7.0 (U)	
H-9@3'	5/7/2014	---	---	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	
H-9N1@5'	5/7/2014	---	---	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	
H-9S1@5'	5/7/2014	---	---	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	
H-9S2@5'	5/7/2014	---	---	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	
H-9W1@7'	5/7/2014	---	---	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	
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

DETECTED PARAMETERS													
SAMPLE NAME	SAMPLE DATE	Soil OVA-FID Response (ppm)	Soil OVA-PID Response (ppm)	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 #11 - FORMER OFF-SITE DRY CLEANERS													
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)	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)	NC	5.5 (U)
AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS													
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)	NC	5.3 (U)
K-3@3'	5/5/2014	-----	-----	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
K-3E1@1'	5/5/2014	-----	-----	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
K-3E2@1'	5/5/2014	-----	-----	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
K-3S1@3'	5/5/2014	-----	-----	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
K-3W1@1'	5/5/2014	-----	-----	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
K-3W2@1'	5/5/2014	-----	-----	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)	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)	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)	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)	NC	NA
K-9N3@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)	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)	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)	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)	NC	NA
K-9S3@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)	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)	NC	NA
AREA #13 - FORMER AUTO REPAIR													
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)	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)	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/COUNTY/STATE:  
PSI PROJECT NO.:

City Soccer  
Orlando, Orange County, Florida  
06631995

SAMPLE NAME		SAMPLE DATE	DETECTED PARAMETERS																				Total Chlordane (mg/kg)	Aldrin (mg/kg)	4,4'-DDT (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDD (mg/kg)	Zinc (mg/kg)	Silver (mg/kg)	Nickel (mg/kg)	Mercury (mg/kg)	Lead (mg/kg)	Iron (mg/kg)	Copper (mg/kg)	Chromium (mg/kg)	Cadmium (mg/kg)	Beryllium (mg/kg)	Barium (mg/kg)	Arsenic (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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
M-4E @1'		5/2/2014	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	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	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	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	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	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	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	4.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	3.97	0.0105 (I)	1.38 (I)	0.111 (U)	1.02 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	4.64	0.0360	1.25 (I)	0.137 (U)	2.31 (I)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	2.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	6.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	1.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	1.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	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	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	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	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	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	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	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	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	2.9	15	15	22	5.8	17	2.1	130	3	340	410	26,000	4.2	2.9	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	15	15	11	0.2	9.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002					
Chapter 62-777, FAC LSCTLs			***	1,600	63	7.5	38	***	***	***	2.1	130	17	***	5.8	18	11	0.2	9.6	11	0.2	9.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	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

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'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Aldrin (mg/kg)	Total Chlordane (mg/kg)	Dieldrin (mg/kg)	
			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	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	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	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	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	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	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	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	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	NA	
F-6@1'	2/25/2014	6.25	NA	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	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	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	NA	
F-6N2@1'	4/28/2014	3.24	NA	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	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	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	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	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	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	NA	
F-6W1@1'	4/28/2014	0.488 (U)	NA	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	NA	0.0433 (I)	4.31	12.4	NA	NA	NA	NA	NA	NA	0.042	0.096	0.082	0.0012 (U)	0.099	0.0011 (U)	
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	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	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	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	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	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	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

PSI PROJECT NO.:

06631995

SAMPLE NAME		SAMPLE DATE	DETECTED PARAMETERS																	Total Chlordane (mg/kg)	Aldrin (mg/kg)	4,4'-DDT (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDD (mg/kg)	Zinc (mg/kg)	Silver (mg/kg)	Nickel (mg/kg)	Mercury (mg/kg)	Lead (mg/kg)	Iron (mg/kg)	Copper (mg/kg)	Chromium (mg/kg)	Cadmium (mg/kg)	Beryllium (mg/kg)	Barium (mg/kg)	Arsenic (mg/kg)	
			AREA #10 - FORMER AUTO WRECKING/JUNKYARD AND RADIATOR REPAIR																																		
	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	2.74	0.00421 (U)	NA	0.117 (U)	NA	NA	NA	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	268	0.0719	NA	0.132 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
	H-6@1'	2/28/2014	1.94	108	NA	0.741	10.5	NA	NA	268	0.0719	NA	0.132 (U)	NA	NA	NA	NA	NA	NA	268	0.0719	NA	0.132 (U)	NA	NA	NA	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
	H-9@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	35.6	0.00752 (l)	NA	0.486 (U)	NA	NA	NA	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	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	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	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
			AREA #11 - FORMER OFF-SITE DRY CLEANERS																																		
	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	8.37	0.00433 (U)	NA	0.106 (U)	NA	NA	NA	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	8.37	0.00433 (U)	NA	0.106 (U)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
			AREA #12 - FORMER GASOLINE SERVICE STATION w/ ONE GASOLINE TANK																																		
	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	13.9	NA	NA	NA	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	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	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	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	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	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	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	2.9	0.06	2.9	0.06	2.8	0.06	2.8	0.06	2.8	0.06	2.8	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	14	0.3	14	0.3	14	0.3	14	0.3	14	0.3	14	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	9.6	0.002	9.6	0.002	9.6	0.002	9.6	0.002	9.6	0.002	9.6	0.002	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																Total Chlordane (mg/kg)	Aldrin (mg/kg)	Dieldrin (mg/kg)		
		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'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)						
		AREA #12 - FORMER GASOLINE SERVICE STATION w/ GASOLINE TANKS (cont')																				
K-3S1@3'	5/5/2014	NA	NA	NA	NA	NA	NA	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	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	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	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	NA		
K-9@7'	3/5/2014	1.88	NA	NA	0.0156 (U)	16.6	NA	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	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	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	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	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	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	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	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	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	NA		
		AREA #13 - FORMER AUTO REPAIR																				
L-2@1'	5/13/2014	NA	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	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		

## 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														
			(cis)-1,2-Dichloroethene (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-Trimethylbenzene (µg/L)	tert-Butylbenzene (µg/L)	1,2,4-Trimethylbenzene (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)	1,800 (D50)	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)	0.2 (U)	0.5 (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)	0.2 (U)	0.5 (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)	0.2 (U)	0.5 (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)	0.2 (U)	0.5 (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)	0.5 (U)	0.5 (U)	0.6 (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-7	3/4/2014	C-1	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.5 (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)	0.2 (U)	0.5 (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 (U)	0.5 (U)	11	0.5 (U)	106	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-10	3/11/2014	H-1	0.4 (U)	0.2 (U)	0.5 (U)	3.1	0.5 (U)	90	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-11	3/11/2014	E-2	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	1.4	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-12	3/11/2014	F-6	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	0.5 (U)	1.0 (U)	0.5 (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)	0.2 (U)	1.1	1.0 (U)	3.3	0.4 (U)	0.5 (U)	0.5 (U)	0.7 (U)	
MW-14	3/11/2014	K-9	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.7 (U)	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 (U)	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)	0.2 (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	0.2 (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 (U)	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 (U)	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)	0.5 (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-26	5/9/2014	---	1.0 (U)	1.0 (U)	0.2 (U)	0.5 (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-27*	5/12/2014	---	0.2 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.5 (U)	0.2 (U)	0.2 (U)	17	1.0 (U)	17	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)	0.2 (U)	0.2 (U)	21	1.2 (U)	20	18	34	0.5 (U)	5.0	
MW-31	5/15/2014	---	0.2 (U)	0.6 (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)	
Chapter 62-777, FAC GCTLs			70	70	1	3	40	3	100	30	20	0.8	---	10	---	10	
Chapter 62-777, FAC NADCs			700	700	100	300	400	300	1,000	300	200	8	---	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

DETECTED PARAMETERS																
SAMPLE NAME	SAMPLE DATE	SAMPLE LOCATION	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 (I)	0.22 (I)	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 (U)
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 (I)	0.2 (U)	0.1 (U)	0.1 (U)	0.7 (I)	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 (U)
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 (U)	0.5 (U)	0.1 (U)	1.8	2.0 (U) / 0.10 (U)	0.7 (I)	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 (I)	0.47 (I)	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 GCLTs			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	2.20 (U)	NA	NA
MW-2	3/4/2014	M-13	NA	0.170 (U)	NA	1.30 (U)	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	94	2.45 (I)	NA	NA
MW-4	3/4/2014	I-2	NA	0.170 (U)	NA	1.30 (U)	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	32.9 (I)	2.20 (U)	NA	NA
MW-6	3/4/2014	B-2	NA	0.170 (U)	NA	2.13 (I)	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	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	2.20 (U)	NA	NA
MW-9	3/11/2014	G-4	NA	1.55	NA	1.30 (U)	NA	1.03 (I)	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	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	2.20 (U)	NA	NA
MW-12	3/11/2014	F-6	NA	0.212 (I)	NA	1.30 (U)	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	2.20 (U)	NA	NA
MW-14	3/11/2014	K-9	NA	0.170 (U)	NA	1.30 (U)	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	2.20 (U)	NA	NA
MW-16	3/11/2014	K-10	NA	0.170 (U)	NA	1.30 (U)	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	2.20 (U)	NA	NA
MW-18	4/4/2014	J-10	NA	0.170 (U)	NA	1.30 (U)	NA	NA	NA	2.83 (I)	NA	NA
MW-19	5/9/2014	----	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
MW-21	5/8/2014	----	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
MW-23	5/9/2014	----	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
MW-25	5/9/2014	----	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
MW-27*	5/12/2014	----	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
MW-29	5/12/2014	----	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
MW-31	5/15/2014	----	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>10,000</b>	<b>3,000</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.**

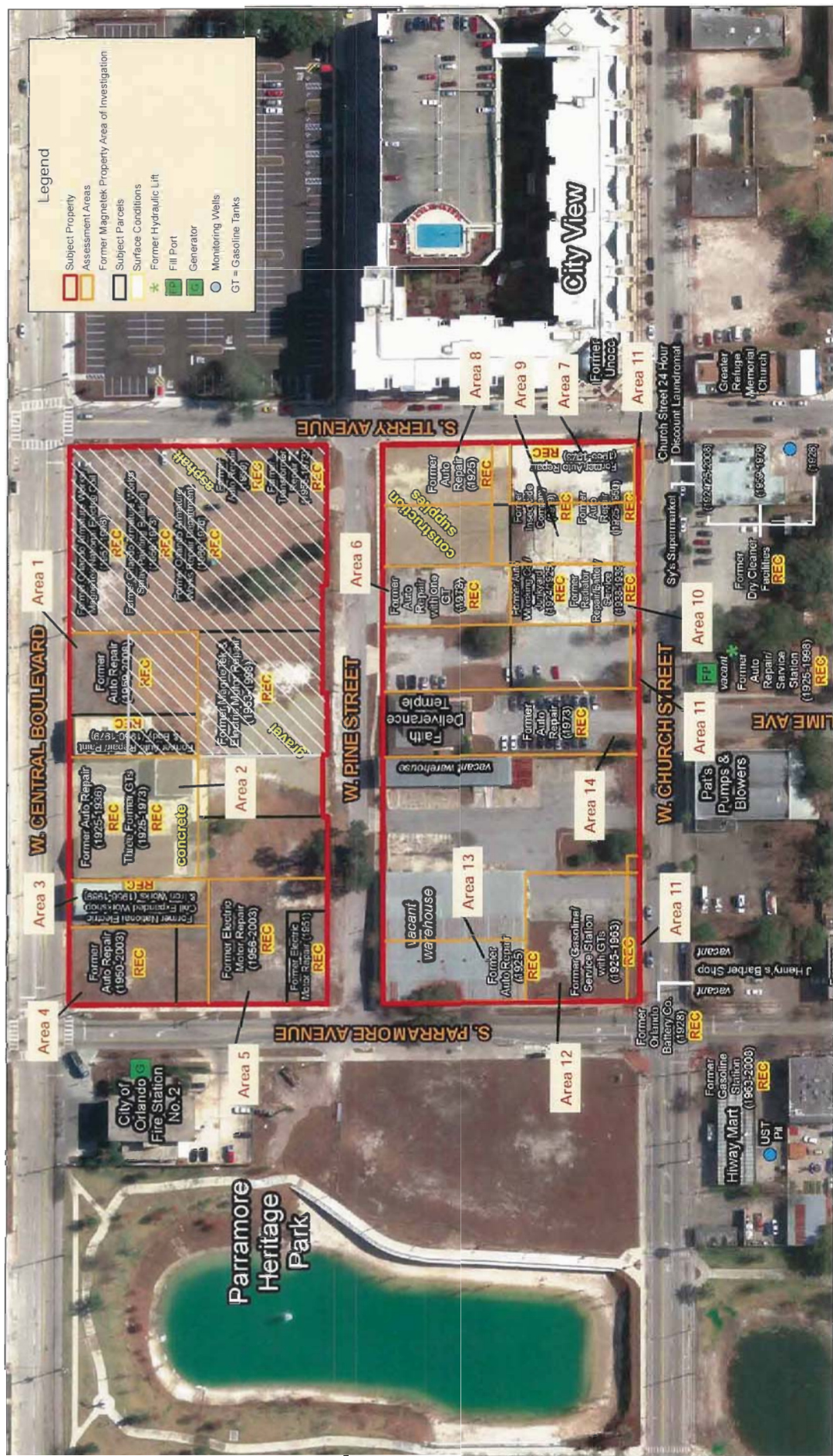


## FIGURES









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[illegible]

Figure 2

FOR: CITY OF ORLANDO





0 50 100 Feet

1 inch = 100 feet

N

**PSI Information**

06831995  
225/28E76  
DATE CREATED  
5/30/2014

With 125 offices across  
One Company One Call  
1943 37th Street  
Orlando, FL 32839  
(407) 255-5500  
(407) 255-5501 fax

**CITY SOCCER**

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

FOR: CITY OF ORLANDO

Sample Location Map

Figure 3

REFERENCE: THE 2017 AERIAL PHOTOGRAPHY 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.





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.

**0 20 40 80 Feet**

1 inch = 40 feet

**North Arrow**

**City Soccer**

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

**PSI Information**  
 North America  
 One Company, One Call  
 1740 33rd Street  
 Orlando, FL 32819  
 (407) 304-5561 Fax

**With 125 offices across**  
 North America  
 One Company, One Call  
 1740 33rd Street  
 Orlando, FL 32819  
 (407) 304-5561 Fax

**06631995**  
 TYPED/SEC  
 225/29E726  
 DATE CREATED  
 6/2/2014

**Soil**  
 Concentration  
 Exceeding  
 Parameters  
 Criteria Only

Figure 4





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 ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.

# **CITY SOCCER**

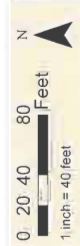
TWO CITY BLOCKS, DOWNTOWN ORLANDO  
 ORLANDO, ORANGE COUNTY, FLORIDA

FOR: CITY OF ORLANDO

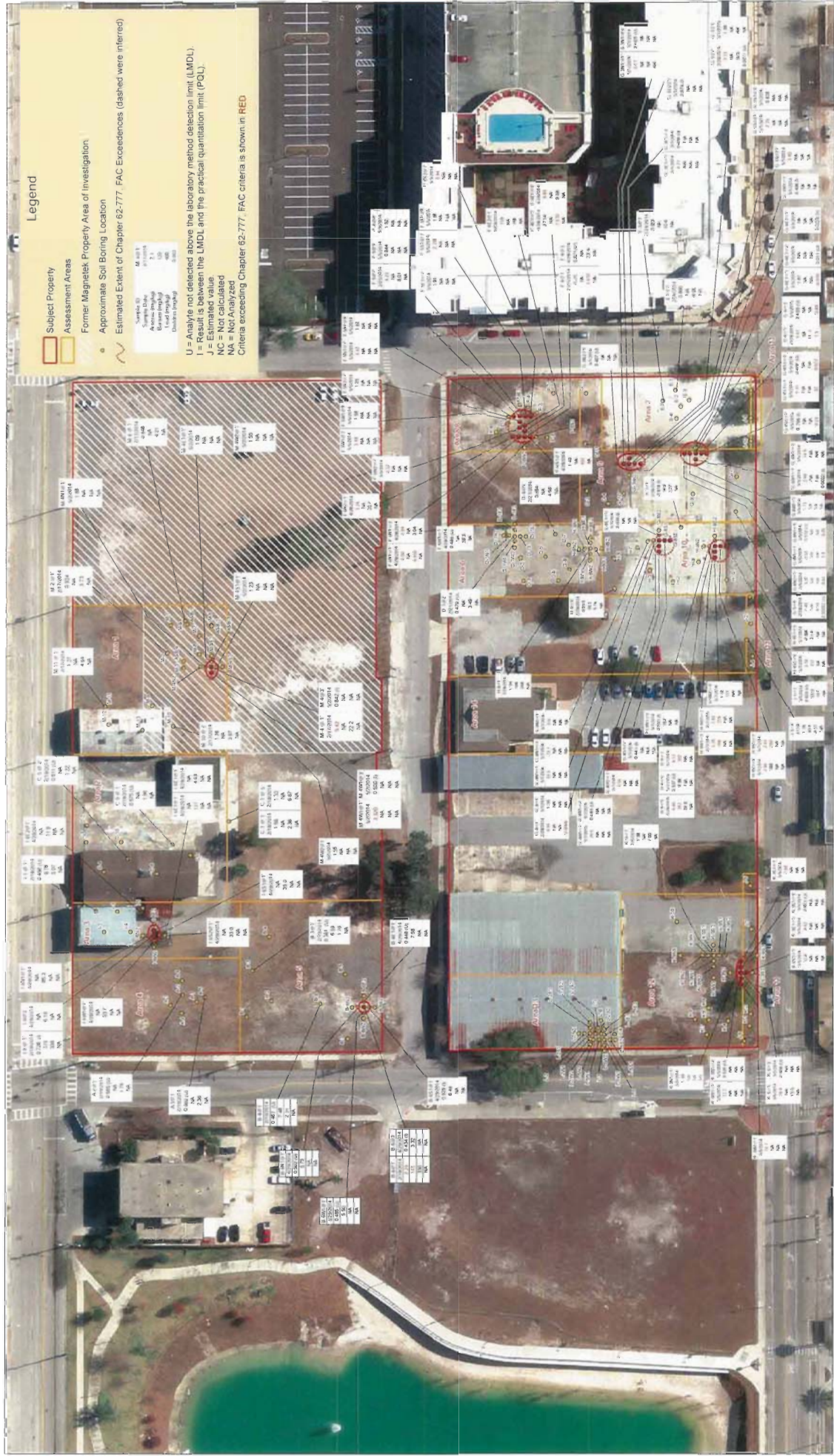
With 125 offices across  
 North America,  
 One Company. One Call.  
 1748 33rd Street  
 Orlando, FL 32809  
 (407)304-5500  
 (407)304-5501 fax



06631995  
 TWINS-201  
 225/29E/26  
 DATE CREATED  
 5/2/2014



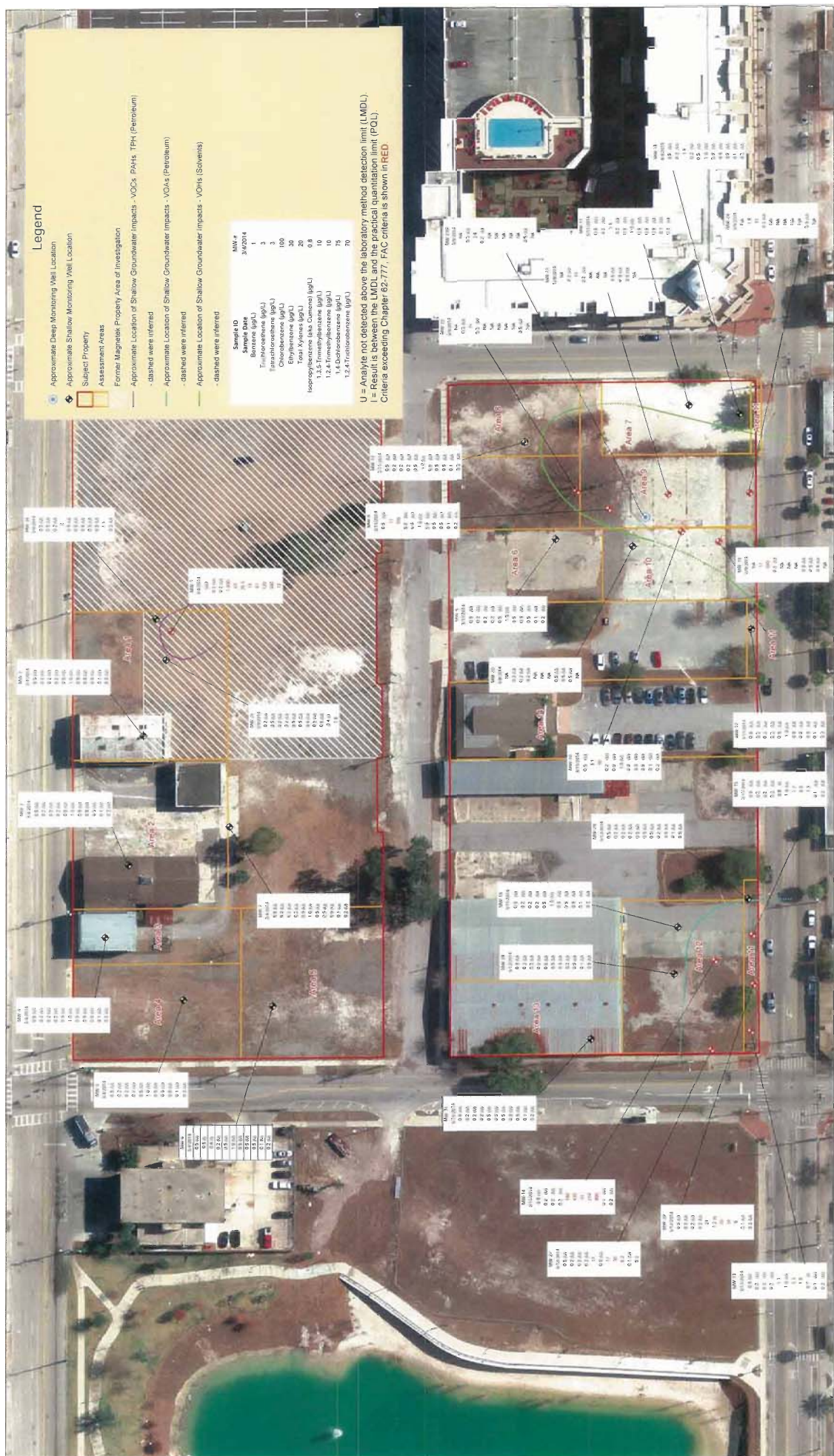




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PROJECT NO 06631995	City of Orlando Information With 125 Acres across North America, One Call 1148 3rd Street Orlando, FL 32803 (407)354-5561	Soil Concentration Analyte Exceeding Criteria Only
TOWN/SECTION 28S/29E/76	City of Orlando Information With 125 Acres across North America, One Call 1148 3rd Street Orlando, FL 32803 (407)354-5561	Dielsin (Parameters Exceeding Criteria Only)
DATE CREATED 6/2/2014	City of Orlando Information With 125 Acres across North America, One Call 1148 3rd Street Orlando, FL 32803 (407)354-5561	Figure 6





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. PSL, INC. ASSUMES NO RESPONSIBILITY FOR ANY DECISIONS MADE OR ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.

**PROJECT NO**  
06631995

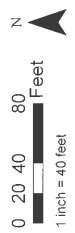
**THEMATIC**  
225/29E26

**DATE CREATED**  
5/29/14

**City of Orlando**  
North America  
One Company, One Call  
1745 33rd Street  
Orlando, Florida 32819  
(407) 204-5555  
(407) 204-5557 fax

**PSI Information**  
*PSI*  
**Engineering - Consulting - Forestry**

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





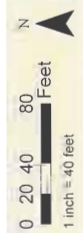


# Legend

- 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 - VOCs (Petroleum)
- dashed were inferred

Sample ID: MW-6  
 Sample Date: 2/4/2014  
 Repetition: 14  
 TPH (mg/L): 5

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: 0603.1995  
 DATE: 5/29/2014  
 235/25E/26  
 DATE: 5/29/2014

**PSI** Information  
 Engineering • Consulting • Testing

With 100 offices across  
 One Company, One Call  
 1744 3rd Street  
 Orlando, FL 32839  
 (407) 842-5561 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 LARINA. 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 ON ANY ACTIONS TAKEN BY THE USER BASED UPON INFORMATION OBTAINED FROM THE ABOVE DATA.







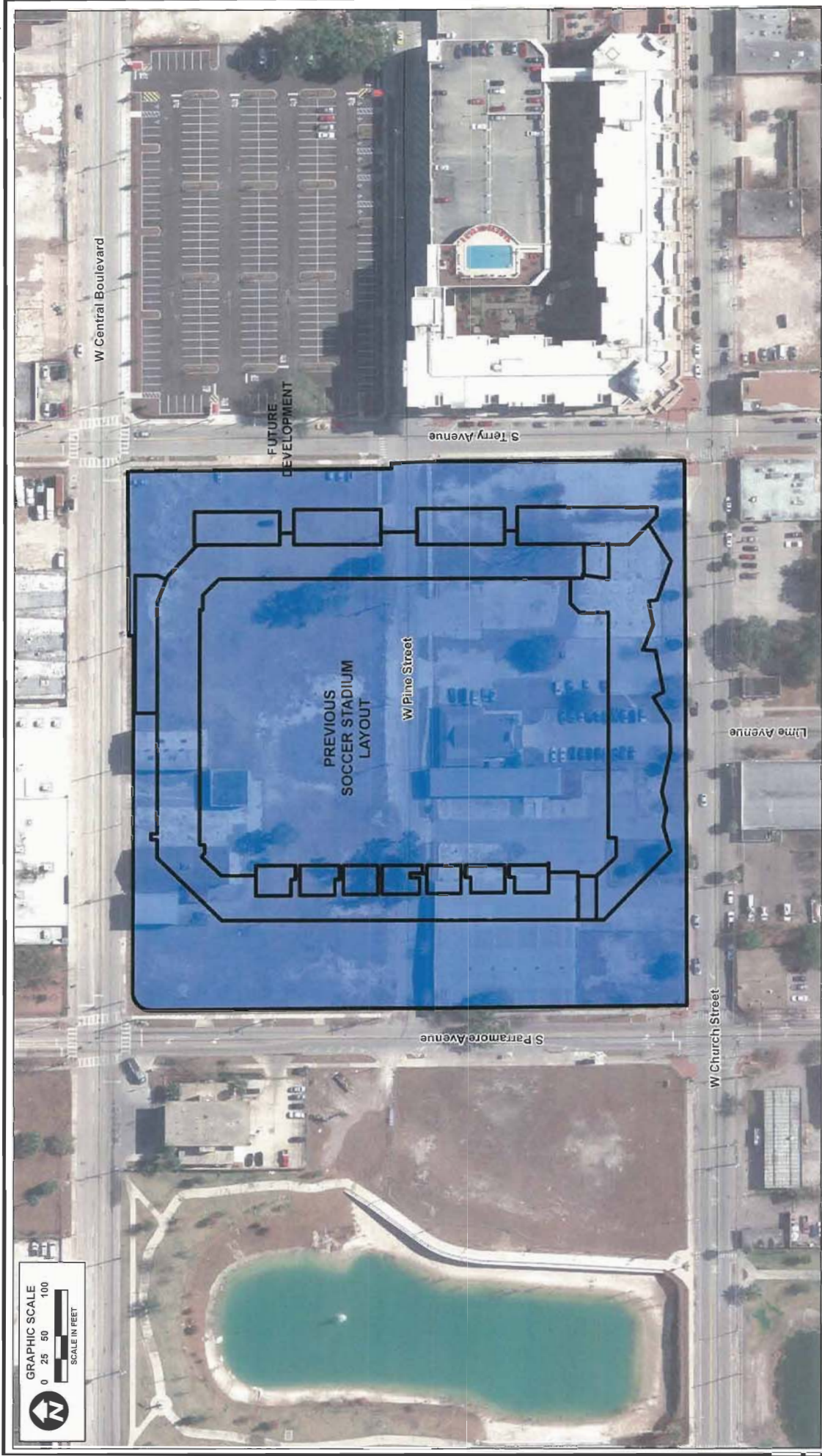


FIGURE 10.

PREVIOUS SOCCER STADIUM LAYOUT  
CITY OF ORLANDO, ORANGE COUNTY, FLORIDA  
SECTION 26, TOWNSHIP 22S, RANGE 29E

SOURCE: FDOT, 2012; ECT, 2014



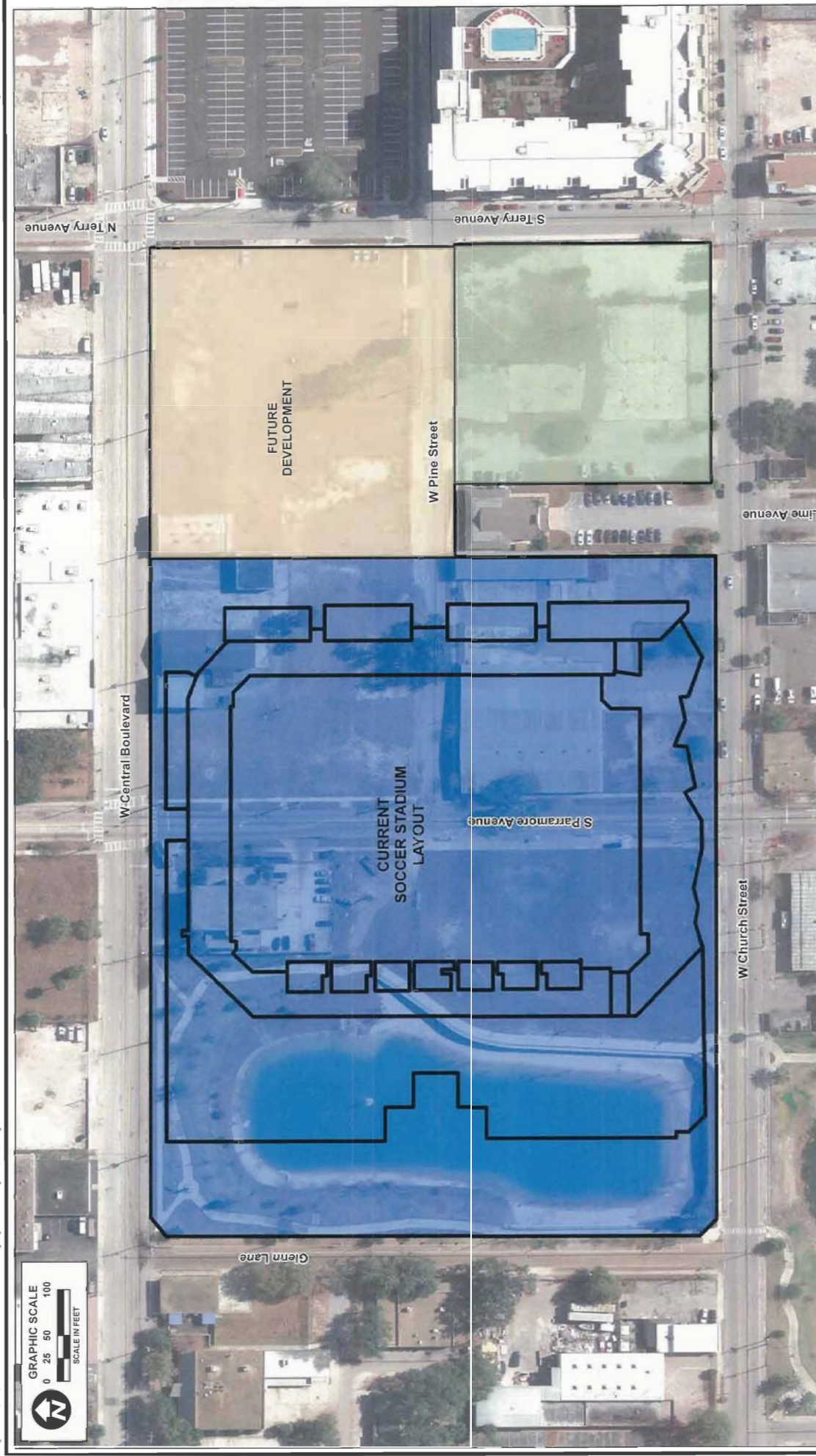


FIGURE 11.

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

## **APPENDIX A**

DEP-SOP-001/01 PSI  
FT 1000 General Field Testing and Measurement

Form FD 9000-8: Field Instrument Calibration Records

PSI PROJECT NAME: City Soccer

PSI PROJECT NO: 06631995

INSTRUMENT (MAKE/MODEL#) ANALYTICAL T/A-1000

INSTRUMENT # 590-903042/0115248496

PARAMETER(S) (check only one):

☐ TEMPERATURE

☐ CONDUCTIVITY

☐ SALINITY

☐ pH

☐ ORP

☐ TURBIDITY

☐ RESIDUAL Cl

☐ DO

☒ OTHER PTD/OTD

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 µM Lot # L76272-PR-CM Exp 7/2015

Standard B 95 µM 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
14/6/2/17	0820	C	0	0.0	—	Yes	Cont	ld
"	0821	A	100	99.2	0.8	"	"	ld
"	0827	C	0	0.72	—	"	"	ld
"	0829	B	95	98.10	3.2	"	"	ld
"	1700	C	0	0.0	—	"	"	ld
"	1701	A	100	82.0	18	No	"	ld
"	1703	B	95	0.20	—	Yes	"	ld
"	1705	B	95	95.24	0.2	"	"	ld
14/6/2/18	0817	C	0	0.0	—	"	"	ld
"	0818	A	100	98.8	1.2	"	"	ld
"	0819	C	0	0.76	—	"	"	ld
"	0820	B	95	97.41	2.5	"	"	ld
"	1635	C	0	0.0	—	"	"	ld
"	1636	A	100	82.3	12.7	No	"	ld
"	1644	C	0	0.06	—	Yes	"	ld
"	1645	B	95	93.21	1.9	"	"	ld
14/6/2/19	0815	A	0	0.0	—	"	"	ld
"	0816	A	100	101.9	1.9	"	"	ld
"	0819	C	0	0.13	—	"	"	ld
"	0820	B	95	91.74	3.4	"	"	ld
"	1670	C	0	0.0	—	"	"	ld
"	1621	A	100	89.6	10.4	"	"	ld
"	1622	C	0	0.00	—	"	"	ld
	1623	B	95	94.25		"	"	ld



DEP-SOP-001/01 PSI  
FT 1000 General Field Testing and Measurement

Form FD 9000-8: Field Instrument Calibration Records

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

PSI PROJECT NO: 06631995

INSTRUMENT (MAKE/MODEL#) *Mettler AE 104*

INSTRUMENT # *510-90342/01524448*

PARAMETER(S) (check only one):

- ☐ TEMPERATURE    ☐ CONDUCTIVITY    ☐ SALINITY    ☐ pH  
☐ TURBIDITY    ☐ RESIDUAL CI    ☐ DO    ☒ OTHER *WA FID/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 Open*

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
14/03/20	0950	C	0.0	0.0	—	Yes	Cont	<i>HL</i>
"	0951	A	100	104.3	4.3	"	"	<i>HL</i>
"	0953	C	0.0	0.00	—	"	"	<i>HL</i>
"	0954	B	95	94.77	0.2	"	"	<i>HL</i>
"	1432	C	0.0	0.0	—	"	"	<i>HL</i>
"	1433	A	100	95.1	4.9	"	"	<i>HL</i>
"	1440	C	0.0	0.45	—	"	"	<i>HL</i>
"	1441	B	95	94.45	0.6	"	"	<i>HL</i>
14/03/21	0840	C	0	0.0	—	"	"	<i>HL</i>
"	0841	A	100	106.5	6.5	"	"	<i>HL</i>
"	0844	C	0.0	0.00	—	"	"	<i>HL</i>
"	0845	B	95	96.19	1.2	"	"	<i>HL</i>
"	1535	C	0	0.0	—	"	"	<i>HL</i>
"	1536	A	100	98.16	1.8	"	"	<i>HL</i>
"	1539	C	0	0.00	—	"	"	<i>HL</i>
"	1540	B	95	94.27	0.8	"	"	<i>HL</i>
14/03/24	0815	C	0.	0.0	—	"	"	<i>HL</i>
"	0816	A	100	109.8	9.8	"	"	<i>HL</i>
"	0817	C	0	0.50	—	"	"	<i>HL</i>
"	0819	B	95	92.44	2.69	"	"	<i>HL</i>





PSI PROJECT NO: 06631995

INSTRUMENT # 590-903042/015248496

☒ OTHER methane (OOA-FID/PID)

Standard C Ambient Air O<sub>2</sub> ppm

PSI Revision Date: June 20, 2011

PSI PROJECT NO: 06631995

☒ OTHER OKA-PII/FII

Standard C 100 mg Lot # LT6272-RR-CM Exp 2/2015

[illegible]

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

PSI PROJECT NAME: City Soccer

PSI PROJECT NO: 06631995

INSTRUMENT (MAKE/MODEL#) Thermo TGA-1000 / Mini RAE INSTRUMENT # 01152404190 / 0149524  
PARAMETER (C) (check only one) 300

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

☐ TEMPERATURE

☐ CONDUCTIVITY

☐ SALINITY

☐ pH

☐ ORP

☐ TURBIDITY

☐ RESIDUAL CI

DO

☒ OTHER CNA-FID/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 Ambient Air @ Mon

Standard B 95 mm F=0 No. 17 lot # LTAC24-RR-CM

Standard C 100 APC E-5 7/2015 Lot # LTGZZZ-RR-CM

[illegible]





DATE: 2/19/2014		PROJECT NAME: City Soccer						
<input checked="" type="checkbox"/> FID <input type="checkbox"/> PID MODEL & SERIAL NO: <u>MiniRAE L: 4550-703047</u> <u>None</u> <u>TA-100, 015244118</u>		CALIBRATION DATE/STANDARD: <u>01/25/14</u> <u>01/21/14</u>						
HEADSPACE CONTAINER: <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		PROJECT NO: 06631995						
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		OTHER <u>15-pan</u>						
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input 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		OTHER <u>benzene</u>						
<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 GROUNDWATER DEPTH	REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					
A-1	1'	0.52	—	0.52	None	—	Bw 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	"	—	Bw fgs moist	
	13'	0.02	—	0.02	"	—		
	14'	0.03	—	0.03	"	—	Tan fgs wet	
A-2	1'	0.45	—	0.45	Si. Ret. 100	—	Bw fgs	
	2'	0.51	—	0.51	None	—	Orange fgs	
	3'	0.50	—	0.50	"	—	Tan fgs	
	4'	0.42	—	0.42	"	—	"	
	5'	0.42	—	0.42	"	—	Orange Tan fgs	
	7'	0.32	—	0.32	None	—	Tan fgs	
	9'	0.24	—	0.24	"	—	"	
	11'	0.12	—	0.12	"	—	"	1" moist
	13'	0.12	—	0.12	"	—	"	1" moist
	14'	0.09	—	0.09	"	—	"	1" wet

PREPARED BY: A. Hester

DATE: 2/19/2014

PREPARED BY: A. Acosta

# SOIL\_OVA\_SAMPLE\_DATA

DATE: 2/27/14						PROJECT NAME: City Soccer						SHEET 2 OF 59	
FID PID MODEL & SERIAL NO: Mini RAE LK-570-98-02 / Service TUA-LCO 016224846						CALIBRATION DATE/STANDARD: 0.95 low flow 2/27/14						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	
SAMPLE METHOD:						<input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER						OTHER: <i>beginner</i>	
EQUIP DECON:						<input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE						AIR DRY	
SAMPLE LOCATION						FLAME IONIZATION DETECTOR (FID)						LITHOLOGIC DESCRIPTION	
DEPTH						HYDROCARBON (TOTAL-METHANE)						GROUNDWATER DEPTH	
						REMARKS							
M-3	1'	0.50	—	—	0.50	0.0	NONE	LAB SAMPLE G = Grab C = Composite	Brown lgs				
	2'	0.69	—	—	0.69	0.0	"		X				
	3'	0.87	—	—	0.87	0.0	"		Tan lgs				
	4'	0.88	—	—	0.88	0.0	"		"				
	5'	0.72	—	—	0.72	0.0	"		"				
	7'	0.04	—	—	0.04	0.0	CND		Like tan lgs				
	9'	0.12	—	—	0.12	0.0	CND		Tan lgs				
	11'	0.23	—	—	0.23	0.0	CND		" "				
	13'	0.08	—	—	0.08	0.0	CND		" "				
	14'	0.12	—	—	0.12	0.0	CND		" "				
M-4	1'	0.56	—	—	0.56	0.4	Nearby Shallow lgs		Brown lgs				
	2'	0.13	—	—	0.13	0.0	NONE		"				
	3'	0.49	—	—	0.49	0.0	"		Tan lgs				
	4'	0.02	—	—	0.02	0.0	"		White lgs				
	5'	0.02	—	—	0.02	0.0	"		"				
	7'	0.32	—	—	0.32	0.0	"		"				
	9'	0.07	—	—	0.07	0.0	"		Red-tan lgs				
	11'	0.12	—	—	0.12	0.0	"		Tan lgs				
	15'	0.06	—	—	0.06	0.0	"		"				
	14'	0.13	—	—	0.13	0.0	"		"				

PREPARED BY: A. Keaton

Protophyll - 100



# SOIL OVA SAMPLE DATA

DATE: 2/11/14		PROJECT NAME: City Soccer		SHEET 3 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: M-1000 0152		CALIBRATION DATE/STANDARD: 01/21/14		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input checked="" type="checkbox"/> 8 OZ GLASS		<input checked="" type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <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 FINAL RINSE			
<input type="checkbox"/> AIR DRY		<input type="checkbox"/> OTHER SOLVENT		<input type="checkbox"/> OTHER			
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)	HYDROCARBON (TOTAL-METHANE)		GROUNDWATER DEPTH	
M-5	1'	0.02	0.02	0.02	0.0	0.0	Brown fgs soil
	2'	0.04	0.04	0.04	0.0	0.0	Grey-Brown fgs
	3'	0.02	0.02	0.02	0.0	0.0	Tan fgs
	4'	0.02	0.02	0.02	0.0	0.0	"
	5'	0.02	0.02	0.02	0.0	0.0	"
	6'	0.18	0.18	0.18	0.0	0.0	Orange fgs
	7'	0.45	0.45	0.45	0.0	0.0	Tan fgs
	8'	1.72	1.72	1.72	2.4	2.4	Orange fgs wet
	9'	1.54	1.54	1.54	1.9	1.9	"
	10'	18.45	18.45	18.45	30.7	30.7	Tan fgs wet
M-6	1'	0.10	0.10	0.10	0.0	0.0	Brown fgs
	2'	0.20	0.20	0.20	0.0	0.0	Tan fgs
	3'	0.02	0.02	0.02	0.0	0.0	"
	4'	0.03	0.03	0.03	0.0	0.0	"
	5'	0.02	0.02	0.02	0.0	0.0	Orange-Tan fgs
	6'	0.04	0.04	0.04	0.0	0.0	Tan fgs
	7'	0.01	0.01	0.01	0.0	0.0	Orange-Brown fgs
	8'	0.01	0.01	0.01	0.0	0.0	"
	9'	0.02	0.02	0.02	0.0	0.0	"
	10'	0.01	0.01	0.01	0.0	0.0	Brown fgs
	11'	0.02	0.02	0.02	0.0	0.0	"
	12'	0.01	0.01	0.01	0.0	0.0	"
	13'	0.02	0.02	0.02	0.0	0.0	"
	14'	0.01	0.01	0.01	0.0	0.0	"
	15'	0.02	0.02	0.02	0.0	0.0	"
	16'	0.01	0.01	0.01	0.0	0.0	"
	17'	0.02	0.02	0.02	0.0	0.0	"
	18'	0.01	0.01	0.01	0.0	0.0	"
	19'	0.02	0.02	0.02	0.0	0.0	"
	20'	0.01	0.01	0.01	0.0	0.0	"

PREPARED BY: A. Neeske

# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 41 OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Air Max 50-90342		CALIBRATION DATE/STANDARD: 07-15-100 gm 211201		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"/> LIQUINOX WASH		<input type="checkbox"/> TAP WATER FINAL RINSE		
<input type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> DIST/DEION 1 RINSE		<input type="checkbox"/> DIST/DEION FINAL RINSE		
<input type="checkbox"/> ALCONOX WASH		<input type="checkbox"/> DIST/DEION 2 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
M-7	1'	0.03	0.03	None	—	Brown fgs
	2'	0.02	0.02	"	—	Tan fgs
	3'	0.03	0.03	"	—	"
	4'	0.01	0.01	"	—	"
	5'	0.02	0.02	"	—	"
	7'	0.15	0.15	"	—	"
	8'	0.02	0.02	"	—	"
	11'	0.07	0.02	"	—	Brown fgs
	13'	0.02	0.02	"	—	"
	14'	0.10	0.10	"	—	"
M-8	1'	0.03	0.03	None	—	Brown fgs
	2'	0.03	0.03	"	—	Tan fgs
	3'	0.02	0.02	"	—	"
	4'	0.02	0.02	"	—	"
	5'	0.01	0.01	"	—	"
	7'	0.01	0.01	"	—	"
	11'	0.17	0.17	"	—	"
	13'	0.10	0.10	"	—	Brown fgs
	14'	0.10	0.10	"	—	Tan fgs wet moist
					—	
					—	
					—	

Background 0.01

PREPARED BY: M. A. Smith



# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 5 OF 59			
FID PID MODEL & SERIAL NO: Mini RAE Lite 310-90342 TWA-1000 015248496		CALIBRATION DATE/STANDARD: 01/25/14 100ppm 2/12/14		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		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>Colony</i>			
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 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 GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
M-9	1'	0.02	—	0.02	None	—	Bar fs
	2'	0.20	—	0.20	"	—	Dk tan fs
	3'	0.20	—	0.20	"	—	Tan fs
	4'	0.10	—	0.20	"	—	" "
	5'	0.02	—	0.02	"	—	" "
	7'	0.08	—	0.20	"	—	Tan orange fs
	9'	0.20	—	0.20	"	—	" "
	11'	0.15	—	0.3	"	—	" "
	13'	0.22	—	0.2	"	—	Tan fs moist
	14'	0.21	—	0.21	"	—	" "
M-10	1'	0.30	—	0.3	"	—	Bar fs
	2'	0.15	—	0.4	"	M-10 EX (C)	Tan fs
	3'	0.10	—	0.2	"	—	" "
	4'	0.05	—	0.05	"	—	" "
	5'	0.05	—	0.05	"	—	" "
	7'	0.00	—	0.00	"	—	Grey-Orange wet fine silt
	11'	0.01	—	0.01	"	—	" "
	13'	0.10	—	0.00	"	—	" "
	14'	0.15	—	0.00	"	—	Tan fs wet fine silt; moist
		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: 04/15/06 on 3004		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		OTHER: 15-20					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		OTHER: 15-20					
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"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL 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
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
M-10	1'	0.01	—	0.01	Streaky	M-10-16	Blue lgs
	2'	0.02	—	0.02	None	—	Blue lgs
	3'	0.10	—	0.10	"	—	"
	4'	0.05	—	0.05	"	—	"
	5'	0.00	—	0.00	"	—	" 1/2/ some silt
	7'	0.02	—	0.02	"	—	"
	9'	0.02	—	0.02	"	—	Change lgs no more silt
	11'	0.02	—	0.02	"	—	Blue lgs
	13'	0.02	—	0.02	"	—	Blue lgs
	14'	0.10	—	0.10	"	—	" moist
M-12	1'	0.09	—	0.09	"	—	" moist
	2'	0.09	—	0.09	"	—	Blue lgs
	3'	0.11	—	0.11	"	—	Blue lgs
	4'	0.00	—	0.00	"	—	"
	5'	0.15	—	0.15	"	—	Grey lgs
	7'	0.23	—	0.23	"	—	"
	9'	0.00	—	0.00	"	—	Top lgs no silt
	11'	0.12	—	0.12	"	—	"
	13'	0.14	—	0.14	"	—	"
	14'	0.14	—	0.14	"	—	Blue lgs moist
						—	" wet
						—	
						—	

PREPARED BY: J. Hesk

Backyard ~ 1.2

[illegible]



# SOIL OVA SAMPLE DATA

DATE: 2/17/14		PROJECT NAME: City Soccer		SHEET 8 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: 4141 370-903042		CALIBRATION DATE/STANDARD: 01/24/06		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input checked="" type="checkbox"/> 8 OZ GLASS		<input checked="" type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <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 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)				
C-5	1'	0.05	—	0.05	None	—	Blue fgs
	2'	0.05	—	0.05	"	—	Grey fgs
	3'	0.02	—	0.02	"	—	"
	4'	0.03	—	0.03	"	—	Tan fgs
	5'	0.05	—	0.05	"	—	"
	6'	0.12	—	0.12	"	—	Orange Tan fgs
	7'	0.20	—	0.20	"	—	Orange Tan fgs
	11'	0.09	—	0.09	"	—	Tan fgs
	13'	0.01	—	0.01	"	—	"
	14'	0.01	—	0.01	"	—	"
	1'	0.24	—	0.24	Blue	—	Blue fgs
	2'	0.31	—	0.31	"	C-502	"
	3'	0.10	—	0.10	"	—	Tan fgs
	4'	0.10	—	0.10	"	—	"
5'	0.12	—	0.12	"	—	Tan fgs	
7'	0.27	—	0.27	"	—	"	
9'	0.00	—	0.00	"	—	"	
11'	2.18	—	2.18	"	—	Grey tan fgs	
13'	0.24	—	0.24	"	—	Tan fgs	
14'	0.31	—	0.31	"	—	"	
PREPARED BY:							

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 9 OF 59		PROJECT NO: 06631995	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini RAE Lite 50-90342		CALIBRATION DATE/STANDARD: 01-25-2014		1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/>		ZIP-LOC <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"/>		<input type="checkbox"/> ZIP-LOC <input type="checkbox"/>	
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 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)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
C-9	1'	1.34	—	1.34	None	Grab	Brown fgs
	2'	0.96	—	0.96	"	—	"
	3'	0.98	—	0.98	"	—	"
	4'	0.75	—	0.75	"	—	White fgs
	5'	0.72	—	0.72	"	—	"
	7'	0.68	—	0.68	"	—	Tan fgs
	9'	0.69	—	0.69	"	—	Orange Tan fgs
	11'	0.77	—	0.77	"	—	"
	13'	0.71	—	0.71	"	—	Tan fgs
	14'	0.71	—	0.71	"	—	"
C-1	1'	5.34	—	5.34	"	C-121	Gray tan fgs w/ some silt
	2'	1.44	—	1.44	"	—	Tan fgs
	3'	0.96	—	0.96	"	—	DK Tan fgs
	4'	1.02	—	1.02	"	—	Brown fgs
	5'	0.67	—	0.67	Peppery brown	C-125	"
	7'	0.56	—	0.56	"	—	Tan clayey w/ some silt
	9'	0.38	—	0.38	None	—	Tan fgs
	11'	0.45	—	0.45	"	—	"
	13'	0.49	—	0.49	"	—	"
	14'	0.45	—	0.45	"	—	"

Backhoe 0.84  
 PREPARED BY: A. Apost

# SOIL OVA SAMPLE DATA

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 10 OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini RAE Lite 570-10000170A-1000 CUS 248496		CALIBRATION DATE/STANDARD: 04/25/2009 2-10-14		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 checked="" type="checkbox"/> OTHER 3-2-2014		
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 3-2-2014		
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)	HYDROCARBON (TOTAL-METHANE)		GROUNDWATER DEPTH
						REMARKS
C-10	1'	0.64	—	0.64	—	Blue LGS
	2'	0.56	—	0.56	—	Gray LGS
	3'	0.54	—	0.54	—	Tan LGS
	4'	0.78	—	0.78	—	" "
	5'	0.62	—	0.62	—	" "
	7'	0.31	—	0.31	—	Tan LGS wet soil
	9'	0.37	—	0.37	—	Orange LGS wet soil
	11'	0.31	—	0.31	—	Tan LGS
	13'	0.30	—	0.30	—	" " moist
	14'	0.31	—	0.31	—	" " wet
C-3	1'	0.62	—	0.62	—	Tan LGS
	2'	0.40	—	0.40	—	" "
	3'	0.59	—	0.59	—	Blue LGS
	4'	0.40	—	0.40	—	" "
	5'	0.45	—	0.45	—	" "
	7'	0.29	—	0.29	—	Tan LGS wet soil
	9'	0.31	—	0.31	—	" "
	11'	0.34	—	0.34	—	" "
	13'	0.35	—	0.35	—	Orange LGS wet soil
	14'	0.27	—	0.27	—	" " wet

PREPARED BY: A. Boorke

Background of 0.22



# 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: MiniME Life 570-93042 / 114-1000 015240496		CALIBRATION DATE/STANDARD: 0.857-100mm 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								
SAMPLE METHOD: <input 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"/> 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				
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-2	1'						Concrete	
	2'	0.30		0.30	None		Brn fgs	
	3'	0.28		0.28	"		"	
	4'	0.20		0.20	"		Tan fgs	
	5'	0.51		0.51	"		"	
	7'	0.42		0.42	"		Tan fgs w/ some silt	
	9'	0.39		0.39	"		"	
	11'	0.41		0.41	"		"	
	13'	0.60		0.60	"		Tan fgs; moist	
	14'	0.49		0.49	"		" moist	
	C-8	1'	0.14		0.14	"		Brn fgs
		2'	0.09		0.09	"		Tan fgs
		3'	0.26		0.26	"		"
		4'	0.21		0.21	"		"
5'		0.23		0.23	"		"	
7'		0.25		0.25	"		Change Tan w/ silt	
9'		0.27		0.27	"		"	
11'		0.20		0.20	"		Tan fgs	
13'		0.20		0.20	"		" moist	
14'		0.30		0.30	"		" moist	

PREPARED BY: A. Kozel

Background 0.16

# SOIL OVA SAMPLE DATA

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 12 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <i>Mini RAT Life 50-903042</i>		CALIBRATION DATE/STANDARD: <i>04-10-00 01524849C</i>		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							
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)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
C-7	1'	0.17	0.17	0.0	None	---	Tan fgs
	2'	0.37	---	0.0	"	---	"
	3'	0.13	---	0.0	"	---	"
	4'	0.30	---	0.0	"	---	"
	5'	0.19	---	0.0	"	---	"
	6'	0.08	---	0.0	"	---	"
	7'	0.44	---	0.0	"	---	"
	8'	0.19	---	0.0	"	---	"
	9'	0.13	---	0.0	"	---	"
	10'	0.20	---	0.0	"	---	"
	11'	0.44	---	0.0	"	---	"
	12'	0.13	---	0.0	"	---	"
	13'	0.20	---	0.0	"	---	"
	14'	0.20	---	0.0	"	---	"
C-6	1'	0.26	---	0.06	"	---	Tan fgs w/ some silt, moist
	2'	0.29	---	0.29	"	---	Tan fgs
	3'	0.10	---	0.10	"	---	"
	4'	0.09	---	0.09	"	---	"
	5'	0.06	---	0.06	"	---	"
	6'	0.18	---	0.18	"	---	"
	7'	0.13	---	0.13	"	---	"
	8'	0.14	---	0.14	"	---	"
	9'	0.15	---	0.15	"	---	"
	10'	0.15	---	0.15	"	---	"
	11'	0.15	---	0.15	"	---	"
	12'	0.15	---	0.15	"	---	"
	13'	0.15	---	0.15	"	---	"
	14'	0.15	---	0.15	"	---	"
PREPARED BY: <i>A. Keese</i>							

Background 0-0.14



# SOIL OVA SAMPLE DATA

DATE: 2/18/2019		PROJECT NAME: City Soccer		SHEET 13 OF 39		
FID <input type="checkbox"/> PID MODEL & SERIAL NO: MiniRAE Elite 570-90504270A-1000 015244996		CALIBRATION DATE/STANDARD: 0+95+100 ppm 3/18/14		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		SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		OTHER 31-60		
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		TAP WATER FINAL RINSE		OTHER <input checked="" type="checkbox"/> AIR DRY		
SAMPLE LOCATION		SAMPLE DEPTH		LITHOLOGIC DESCRIPTION		
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		HYDROCARBON (TOTAL-METHANE)		
PID TOTAL		EVIDENT ODOR OR STAIN		LAB SAMPLE G = Grab C = Composite		
I-1	12	0.40	0.40	0.0	None	I-121 (6) Tan fgs
	2'	0.26	0.26	0.0	h	" "
	3'	0.30	0.30	0.0	h	" "
	4'	0.33	0.33	0.0	h	" "
	5'	0.21	0.21	0.0	h	" "
	7'	0.26	0.26	0.0	h	Below fgs
	9'	0.23	0.23	0.0	h	Orange tan w/ some silts
	11'	0.37	0.37	0.0	h	Grey Tan fgs
	13'	0.14	0.14	0.0	h	" "
	14'	0.15	0.15	0.0	h	Tan fgs moist
I-2	1'	0.23	0.23	0.0	h	" "
	2'	0.00	0.00	0.0	h	Tan fgs
	3'	0.00	0.00	0.0	h	Tan fgs
	4'	0.00	0.00	0.0	h	" "
	5'	0.00	0.00	0.0	h	" "
	7'	0.06	0.06	0.0	h	" "
	9'	0.09	0.09	0.0	h	" "
	11'	0.28	0.28	0.0	h	" "
	13'	0.30	0.30	0.0	h	" "
	14'	0.56	0.56	0.0	h	" "

PREPARED BY: A. Hecke

Background ~ 0.20

# SOIL OVA SAMPLE DATA

DATE: 2/18/2014		PROJECT NAME: City Soccer		SHEET 14 OF 59				
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: New RAC Lite 590-70347		CALIBRATION DATE/STANDARD: 01/24/06 015240496		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		CEROR		OTHER 13-601				
SAMPLE METHOD: <input type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON		ANALYTE FREE FINAL RINSE		OTHER 6000000000				
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input type="checkbox"/> ISOPROPANOL <input type="checkbox"/> TAP WATER FINAL RINSE		OTHER SOLVENT		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)					HYDROCARBON (TOTAL-METHANE)
I-3	1'	0.00	—	0.00	None	—	Blw kg	
	2'	0.00	—	0.00	11	—	"	
	3'	0.04	—	0.04	"	—	Tan kg	
	4'	0.00	—	0.00	"	—	"	
	5'	0.01	—	0.01	"	—	" 1/2 fine silt	
	7'	0.06	—	0.06	"	—	Tan kg 1/2 fine silt	
	9'	0.01	—	0.01	"	—	"	
	11'	0.05	—	0.05	"	—	Tan kg	
	13'	0.02	—	0.02	"	—	" 1/2 wet	
	14'	0.21	—	0.21	"	—	Blw kg	
	I-4	1'	0.08	—	0.08	"	—	"
		2'	0.11	—	0.11	"	—	Tan kg
		3'	0.04	—	0.04	"	—	"
		4'	0.08	—	0.08	"	—	" 1/2 fine silt
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 kg	
14'		0.17	—	0.17	"	—	"	

PREPARED BY: Anteaoste

Back ground ~ 0.09

# SOIL OVA SAMPLE DATA

DATE: 2/19/2014		PROJECT NAME: City Soccer		SHEET 15 OF 39			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <i>Agilent 6890</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 type="checkbox"/> ZIP-LOC				<input checked="" type="checkbox"/> OTHER <i>3/4" jar</i>			
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>Sealed</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 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 GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
I-5	1'	0.00	—	0.00	None	—	Dark ks
	2'	0.02	—	0.00	"	—	Light tan ks
	3'	0.00	—	0.00	"	—	Tan ks
	4'	0.00	—	0.00	"	—	"
	5'	0.00	—	0.00	"	—	"
	6'	0.00	—	0.00	"	—	Gray ks w/silt
	7'	0.00	—	0.00	"	—	Gray change to silt
	8'	0.00	—	0.00	"	—	"
	11'	1.64	—	1.64	"	—	"
	13'	0.26	—	0.26	"	—	"
	14'	0.31	—	0.31	"	—	"
I-6	1'	0.01	—	0.01	"	I-601 (C)	Dark ks
	2'	0.03	—	0.03	"	—	Gray ks
	3'	0.00	—	0.00	"	—	Tan ks
	4'	0.10	—	0.10	"	—	Change Tan to silt
	5'	0.06	—	0.06	"	—	"
	7'	0.00	—	0.00	"	—	"
	9'	0.06	—	0.06	"	—	"
	11'	1.18	—	1.18	"	—	"
	13'	0.29	—	0.29	"	—	" moist
	14'	0.34	—	0.34	"	—	" moist
PREPARED BY: A Hoode							

Back ground ~0.07



DATE: 2/18/2014						PROJECT NAME: City Soccer					
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: A-211 Life 99-90347 WA-600 C1524846						CALIBRATION DATE/STANDARD:					
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS						1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER						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"/> 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)		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-1	1'	0.75	—	0.75	None	—	Brown ss				
	2'	0.01	—	0.00	"	—	Brown ss "				
	3'	0.00	—	0.00	"	—	" "				
	4'	0.00	—	0.00	"	—	" "				
	5'	0.09	—	0.09	"	—	" "				
	7'	0.00	—	0.00	"	—	Coke ss w/ silt				
	9'	0.01	—	0.00	"	—	" "				
	11'	0.13	—	0.13	"	—	" "				
	13'	0.05	—	0.05	"	—	" "				
	14'	0.48	—	0.48	"	—	" " wet				
A-2	1'	0.12	—	0.12	"	—	Brown ss moist				
	2'	0.05	—	0.05	"	A-201' (C) Brown ss	" "				
	3'	0.00	—	0.00	"	—	" "				
	4'	0.00	—	0.00	"	—	" "				
	5'	0.00	—	0.00	"	—	" w/ silt				
	7'	0.00	—	0.00	"	—	" "				
	9'	0.00	—	0.00	"	—	Brown ss w/ silt - clay				
	11'	0.00	—	0.00	"	—	" "				
	13'	0.00	—	0.00	"	—	Tan ss w/ silt moist				
	14'	0.09	—	0.09	"	—	" " wet				

Background ~ 0.08

PREPARED BY: A. B. Cook



# SOIL OVA SAMPLE DATA

DATE: 2/10/2014		PROJECT NAME: City Soccer		SHEET 17 OF 59		
FID		PID MODEL & SERIAL NO: 4100 015248496		CALIBRATION DATE/STANDARD: 2/10/14 + 100ppm 2/10/14		
HEADSPACE CONTAINER:		16 OZ GLASS		8 OZ GLASS		
SAMPLE METHOD:		HAND AUGER		ZIP-LOC		
EQUIP DECON:		TAP WATER WASH		TAP WATER FINAL RINSE		
ALCONOX WASH		LIQUINOX WASH		DIST/DEION FINAL RINSE		
SAMPLE LOCATION		SAMPLE NO./DEPTH		LITHOLOGIC DESCRIPTION		
		FID TOTAL (UNFILTERED)		GROUNDWATER DEPTH		
		FID METHANE (FILTERED)		REMARKS		
		FLAME IONIZATION DETECTOR (FID)				
		HYDROCARBON (TOTAL-METHANE)				
		TOTAL				
		ODOR OR STAIN				
		LAB SAMPLE				
		G = Grab				
		C = Composite				
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	"	Orange Tan sandy clay
	9'	0.04	0.04	0.0	"	"
	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

Background ~ 0.10

PREPARED BY: A. Baskin

# SOIL OVA SAMPLE DATA

DATE: 2/19/2014		PROJECT NAME: City Soccer		SHEET 18 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MiniME Life 570-90342 / MA-1000 01524946		CALIBRATION DATE/STANDARD: 01/27/2014		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							
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"/> 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							
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)				
A-5	1'	0.32	—	0.32	None	A-seal (G)	Fin ls "
	2'	0.00	—	0.00	"	—	"
	3'	0.16	—	0.16	"	—	Tan ls "
	4'	0.38	—	0.38	"	—	"
	5'	0.12	—	0.12	"	—	"
	7'	0.34	—	0.34	"	—	Orange Tan sand clay
	9'	0.18	—	0.18	"	—	Tan sandy clay
	11'	0.07	—	0.07	"	—	Tan ls "
	13'	0.08	—	0.08	"	—	"
	14'	0.25	—	0.25	"	—	"
A-6	1'	0.07	—	0.07	"	—	"
	2'	0.02	—	0.02	"	—	BNL ls "
	3'	0.00	—	0.00	"	—	Tan ls "
	4'	0.00	—	0.00	"	—	"
	5'	0.17	—	0.17	"	—	"
	7'	0.12	—	0.12	"	—	Orange Tan ls w/ silt
	9'	0.01	—	0.01	"	—	"
	11'	0.20	—	0.20	"	—	Tan ls "
	13'	0.27	—	0.27	"	—	"
	14'	0.22	—	0.22	"	—	"
							" wet

Backspread ~ 0.10

PREPARED BY: A. Kos R.



DATE: 2/19/2014		PROJECT NAME: City Soccer					
<input checked="" type="checkbox"/> FID	PID MODEL & SERIAL NO: MINDAF like 590-10387-A-1000 01524846	CALIBRATION DATE/STANDARD: 01-15-2014 261A	SHEET 19 OF 59				
HEADSPACE CONTAINER:		<input checked="" type="checkbox"/> 16 OZ GLASS	PROJECT NO: 06631995				
SAMPLE METHOD:		<input checked="" type="checkbox"/> HAND AUGER					
EQUIP DECON:		<input checked="" type="checkbox"/> TAP WATER WASH					
<input checked="" type="checkbox"/> ALCONOX WASH		<input checked="" type="checkbox"/> LIQUINOX WASH					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)					
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
		HYDROCARBON (TOTAL-METHANE)					
		PID TOTAL	EVIDENT ODOR OR STAIN				
		LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION				
			GROUNDWATER DEPTH				
			REMARKS				
B-1	1'	0.01	0.01	None			
	2'	0.00	0.00	"			Dark fgs
	3'	0.00	0.00	"			
	4'	0.00	0.00	"			Tan fgs
	5'	0.01	0.01	"			"
	7'	0.26	0.26	"			"
	9'	0.19	0.19	"			Tan sandy clay
	11'	0.28	0.28	"			"
	13'	0.08	0.08	"			"
	14'	0.36	0.36	"			Tan fgs w/ some silt present
B-2	1'	0.00	0.00	"			"
	2'	0.10	0.10	"			Dark fgs
	3'	0.08	0.08	"			"
	4'	0.20	0.20	"			Tan fgs
	5'	0.23	0.23	"			"
	8'	0.31	0.31	"			"
	9'	0.55	0.55	"			Orange tan sandy clay
	11'	0.27	0.27	"			Tan fgs w/ silt
	13'	0.33	0.33	"			Tan fgs wet
	14'	0.98	0.98	"			"

PREPARED BY: A. Acosta

Back ground ~ 0.15

DATE: 7/19/2014		PROJECT NAME: City Soccer		SHEET 20 OF 59				
FID [X] PID MODEL & SERIAL NO: MiniRAE Lite 350-60242 TWA-1000-0115248488		CALIBRATION DATE/STANDARD: 0795+10ppm 3H/10		PROJECT NO: 06631995				
HEADSPACE CONTAINER:		[X] 16 OZ GLASS	[ ] 8 OZ GLASS	[ ] 1 JAR	[ ] 2 JAR			
SAMPLE METHOD:		[X] HAND AUGER	[ ] SOLID STEM	[ ] SPLIT SPOON	[ ] CORER			
EQUIP DECON:		[ ] TAP WATER WASH	[X] DIST/DEION 1 RINSE	[X] ISOPROPANOL	[ ] ANALYTE FREE FINAL RINSE			
[ ] ALCONOX WASH		[X] LIQUINOX WASH	[X] DIST/DEION 2 RINSE	[ ] OTHER SOLVENT	[X] DIST/DEION FINAL RINSE			
SAMPLE LOCATION	SAMPLE NO./DEPTH	FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	FLAME IONIZATION DETECTOR (FID) HYDROCARBON (TOTAL-METHANE)	PID TOTAL			
					EVIDENT ODOR OR STAIN			
					LAB SAMPLE G = Grab C = Composite			
					LITHOLOGIC DESCRIPTION			
					GROUNDWATER DEPTH			
					REMARKS			
B3-3	1'	1.94	—	1.94	0.0	Mud	Brew fgs	
	2'	0.00	—	0.00	0.0	"	"	
	3'	0.00	—	0.00	0.0	"	Tan fgs	
	4'	0.00	—	0.00	0.0	"	"	
	5'	0.00	—	0.00	0.0	"	"	
	7'	0.00	—	0.00	0.0	"	"	
	9'	0.00	—	0.00	0.0	"	Orange Tan Bw w/c log	
	11'	0.00	—	0.00	0.0	"	Tan fgs	
	13'	0.00	—	0.00	0.0	"	"	
	14'	0.10	—	0.10	0.0	"	"	
B3-4	1'	0.00	—	0.00	0.0	"	Brew fgs	
	2'	0.00	—	0.00	0.0	"	"	
	3'	0.00	—	0.00	0.0	"	"	
	4'	0.10	—	0.10	0.0	"	Tan fgs w/ silt	
	5'	0.17	—	0.17	0.0	"	"	
	7'	0.10	—	0.10	0.0	"	Tan fgs	
	7'	0.12	—	0.12	0.0	"	"	
	11'	0.10	—	0.10	0.0	"	Tan-Brown fgs	
	13'	0.10	—	0.10	0.0	"	Tan fgs	
	14'	0.12	—	0.12	0.0	"	"	

Back ground at 0.11

PREPARED BY: H. Rose

Back ground a 0.11



# SOIL OVA SAMPLE DATA

DATE: 2/14/2014		PROJECT NAME: City Soccer		SHEET 21 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Min RA Life 50-9002 TUA-100V 01524846		CALIBRATION DATE/STANDARD: 01/28/2014		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							
SAMPLE METHOD: <input 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"/> 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"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT							
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)				
B-5	1'	0.08	—	0.08	None	—	Brown ss
	2'	0.00	—	0.00	"	—	"
	3'	0.00	—	0.00	"	—	Tan ss
	4'	0.10	—	0.10	"	—	"
	5'	0.00 0.11	—	0.11	"	—	" w/ some silt
	7'	0.07 0.12	—	0.19	"	—	Orange Tan ss w/ silt
	9'	0.00 0.18	—	0.18	"	—	Tan ss w/ silt
	11'	0.30	—	0.30	"	—	"
	13'	0.18	—	0.18	"	—	Tan ss moist
	14'	0.20	—	0.20	"	—	" w/ net
13-6	1'	0.01	—	0.01	"	15-601 (G)	Brown ss
	2'	0.00	—	0.00	"	—	Tan ss
	3'	0.00	—	0.00	"	—	Tan ss
	4'	0.03	—	0.03	"	—	"
	6'	0.02	—	0.02	"	—	"
	7'	0.20	—	0.20	"	—	Tan orange ss w/ silt
	9'	0.69	—	0.69	"	—	Orange Tan ss w/ silt
	11'	0.10	—	0.10	"	—	"
	13'	0.30	—	0.30	"	—	Tan ss moist
	14'	0.10	—	0.10	"	—	" w/ net
PREPARED BY: R. Reast							

Background ~ 0.01

# SOIL OVA SAMPLE DATA

DATE: 2/19/2004		PROJECT NAME: City Soccer		SHEET 22 OF 59		
FID		PID MODEL & SERIAL NO: Mini RTE 990-20047		CALIBRATION DATE/STANDARD: 0/05/00 910 2/19/14		
HEADSPACE CONTAINER:		16 OZ GLASS		ZIP-LOC		
SAMPLE METHOD:		HAND AUGER		OTHER 3-20		
EQUIP DECON:		TAP WATER WASH		TAP WATER FINAL RINSE		
ALCONOX WASH		LIQUINOX WASH		DIST/DEION FINAL RINSE		
SAMPLE LOCATION		SAMPLE NO./DEPTH		LITHOLOGIC DESCRIPTION		
		FLAME IONIZATION DETECTOR (FID)		GROUNDWATER DEPTH		
		HYDROCARBON (TOTAL-METHANE)		REMARKS		
		FID TOTAL (UNFILTERED)				
		FID METHANE (FILTERED)				
		TOTAL				
		EVIDENT ODOR OR STAIN				
		LAB SAMPLE				
		G = Grab				
		C = Composite				
B-7	1'	0.09	0.09	0.0	None	Brown fs
	2'	0.00	0.00	0.0	"	Tan fs
	3'	0.11	0.11	0.0	"	"
	4'	0.00	0.00	0.0	"	"
	5'	0.00	0.00	0.0	"	"
	7'	0.07	0.07	0.0	"	" with some silt
	9'	0.04	0.04	0.0	"	Tan fs w/ silt
	11'	0.06	0.06	0.0	"	Tan fs
	13'	0.30	0.30	0.0	"	"
	14'	0.20	0.20	0.0	"	"
B-8	1'	0.00	0.00	0.0	None	Brown fs
	2'	0.00	0.00	0.0	"	Tan fs
	3'	0.11	0.11	0.0	"	"
	4'	0.00	0.00	0.0	"	"
	5'	0.00	0.00	0.0	"	"
	7'	0.08	0.08	0.0	"	" w/ some silt
	9'	0.20	0.20	0.0	"	Tan fs w/ silt
	11'	0.38	0.38	0.0	"	Tan fs
	13'	0.07	0.07	0.0	"	"
	14'	0.17	0.17	0.0	"	"

PREPARED BY: P. Decker

Background ~ 0.18



DATE: 2/20/2014		PROJECT NAME: Beyer Chevrolet Ft. Pierce City, Sevier						SHEET 23 OF 59
FID PID MODEL & SERIAL NO: Mair RAE Lite SP-7002 TWA - acc 01524846 CALIBRATION DATE/STANDARD: 0+95 + ac pm 2/20/14		PROJECT NO: 06692015 Ddb31995						
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	
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 checked="" 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"/> 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)		HYDROCARBON (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					
D-1	1'	0.32	—	0.32	0.0	NONE	—	Bm fs "
	2'	0.75	—	0.75	0.0	"	D-102' @	"
	3'	0.28	—	0.28	0.0	"	—	Tan fs "
	4'	0.36	—	0.36	0.0	"	—	" "
	5'	0.28	—	0.28	0.0	"	—	" "
	7'	0.24	—	0.24	0.0	MORE	—	Tan fs w/Bore cutt
	9'	0.22	—	0.22	0.0	"	—	" "
	11'	0.23	—	0.23	0.0	"	—	" " moist
	13'	0.25	0.25	0.25	0.0	"	—	Tan fs " wet
	15'	0.25	0.25	0.25	0.0	"	—	" " wet
D-2	1'	0.26	—	0.26	0.0	"	—	Bm fs "
	2'	0.04	—	0.04	0.0	"	—	" "
	3'	0.31	—	0.31	0.0	"	—	Bm Tan fs "
	4'	0.11	—	0.11	0.0	"	—	" "
	5'	0.02	—	0.02	0.0	"	—	" "
	7'	0.00	—	0.00	0.0	"	—	Bm fs "
	9'	0.00	—	0.00	0.0	"	—	Bm fs "
	11'	0.00	—	0.00	0.0	"	—	" " moist
	13'	0.00	—	0.00	0.0	"	—	" " wet
	14'	0.00	—	0.00	0.0	"	—	" " wet
								PREPARED BY: A. Acosta

Background  $\approx 0.36$

DATE: 2/20/2019						PROJECT NAME: Dyer Chevrolet Et. Pierce City Sales						SHEET 24 OF 39	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini MALE like 500 B3047 NA-100 CUS248996						CALIBRATION DATE/STANDARD: 2-15-10mm 2.8m 2.8m						PROJECT NO: 06632013 06031995	
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"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORE													
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)		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)			
D-3	1'	0.00		0.00	None		Brown fgs						
	2'	0.00		0.00	"		Tan fgs						
	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 fgs						
	11'	0.00		0.00	"		Tan fgs						
	13'	0.03		0.00	"		"						
	14'	0.10		0.00	"		"						
D-4	1'	0.28		0.00	"		Brown fgs						
	2'	0.42		0.00	"		"						
	3'	0.16		0.00	"		Tan fgs						
	4'	0.21		0.00	"		"						
	5'	0.30		0.00	"		"						
	7'	0.36		0.00	"		"						
	9'	0.37		0.00	"		"						
	11'	0.09		0.00	"		"						
	13'	0.00		0.00	"		"						
	14'	0.28		0.00	"		"						

Prepared by: A. Acosta  
2-20-2019

Background ~ 0.11



# SOIL OVA SAMPLE DATA

DATE: 2/21/14										PROJECT NAME: Byer Chevrolet Ft. Pierce		SHEET 25 OF 59	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Maf Rte Like 570 902427										CALIBRATION DATE/STANDARD: 01-25-10		PROJECT NO: 06632015	
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS										ZIP-LOC		OTHER 3-4-10	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER										COPPER		OTHER 3-4-10	
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH										ANALYTE FREE FINAL RINSE		TAP WATER FINAL RINSE	
<input type="checkbox"/> ALCONOX WASH										DIST/DEION 2 RINSE		DIST/DEION FINAL RINSE	
FLAME IONIZATION DETECTOR (FID)										PID TOTAL		EVIDENT ODOR OR STAIN	
FID TOTAL (UNFILTERED)										FID METHANE (FILTERED)		HYDROCARBON (TOTAL-METHANE)	
SAMPLE LOCATION										SAMPLE DEPTH		LAB SAMPLE	
										G = Grab		C = Composite	
										LITHOLOGIC DESCRIPTION		GROUNDWATER DEPTH	
										REMARKS			
D-5	1'	0.14	0.14	0.05	0.05	0.00	0.00	0.00	0.00	None			Brown fgs
	2'	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	"			"
	3'	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	"			Tan fgs w/ green silk
	4'	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	"			"
	5'	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	"			"
	7'	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	"			Tan fgs w/ green silk
	9'	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	"			Tan fgs
	11'	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	"			"
	13'	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	"			"
	14'	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00	"			"
D-6	1'	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	"			"
	2'	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	"			Brown fgs
	3'	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	"			"
	4'	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	"			Tan fgs
	5'	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	"			"
	7'	1.17	1.01	0.85	0.85	0.00	0.00	0.00	0.00	None			"
	9'	0.36	0.36	0.36	0.36	0.00	0.00	0.00	0.00	"			Tan fgs w/ green silk
	11'	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	"			"
	13'	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	"			Tan fgs
	14'	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	"			"
										Sulfur			"

Background  $\approx$  0.00

PREPARED BY: A. Foster

DATE: 7/24/2014	PROJECT NAME: Dyer Chevrolet Ft. Pierce	CITY: <u>Socorro</u>	SHEET 26 OF 59
<input type="checkbox"/> FID	<input type="checkbox"/> PID MODEL & SERIAL NO: <u>Mini AAE Life 590-903048</u>	<u>TWA-000 0115248448</u>	PROJECT NO: 96632015
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS <input type="checkbox"/> 8 OZ GL ASS <input type="checkbox"/> 1 IAB <input type="checkbox"/> 2 IAB <input type="checkbox"/> ZIP LOG <input type="checkbox"/> OTHER <u>2</u>			CALIBRATION DATE/STANDARD: <u>01-25-100 ju 28-14</u>

DATE: 7/24/2014		PROJECT NAME: Dyer Chevrolet Ft. Pierce		CITY: Seacrest		SHEET 26 OF 59		
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: AIAI RAE Life 590-90303 TWA-000 01524848		CALIBRATION DATE/STANDARD: 0-25-100 ppm 2014		PROJECT NO: 96632015		066039		
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 type="checkbox"/> DIST/DEION 2 RINSE		<input checked="" type="checkbox"/> OTHER SOLVENT		
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab G = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH REMARKS	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					
D-7	1'	0.00	—	0.0	None	—	Blue lgs	
	2'	0.00	—	0.0	"	—	"	
	3'	0.00	—	0.0	"	—	Tan lgs	
	4'	0.00	—	0.0	"	—	"	
	5'	0.00	—	0.0	"	—	"	
	7'	0.00	—	0.0	"	—	"	
	9'	0.02	—	0.0	"	—	"	
	11'	0.62	—	0.0	"	—	Orange sand ls w/ silt	
	13'	0.09	—	0.0	"	—	Tan lgs w/ silt	
	15'	0.29	—	0.0	"	—	Tan lgs	
	16'	0.33	—	0.0	"	—	"	
	D-8	1'	0.00	—	0.0	Salty	—	"
		2'	0.00	—	0.0	None	—	Blue lgs
		3'	0.10	—	0.0	"	—	"
4'		0.00	—	0.0	"	—	Tan lgs	
5'		0.06	—	0.0	"	—	"	
7'		0.25	—	0.0	"	—	"	
9'		0.06	—	0.0	"	—	Orange Tan lgs w/ silt	
11'		0.55	—	0.0	"	—	"	
13'		0.46	—	0.0	"	—	Tan lgs	
14'		0.19	—	0.0	Silty	—	"	

PREPARED BY: A. Acosta  
 Buckner, No. 20

# SOIL OVA SAMPLE DATA

DATE: 2/21/2014		PROJECT NAME: Dyer Chevrolet Et. Pierce City, Searcy		SHEET 27 OF 39				
FID HPID MODEL & SERIAL NO: MiniKAE Life 570-903472		CALIBRATION DATE/STANDARD: 01/25/2014		PROJECT NO: 0663201506031995				
HEADSPACE CONTAINER: 16 OZ GLASS		8 OZ GLASS		ZIP-LOC				
SAMPLE METHOD: HAND AUGER		SOLID STEM		CORER				
EQUIP DECON: TAP WATER WASH		DIST/DEION 1 RINSE		ANALYTE FREE FINAL RINSE				
ALCONOX WASH		LIQUINOX WASH		DIST/DEION FINAL RINSE				
SAMPLE LOCATION		SAMPLE DEPTH		LITHOLOGIC DESCRIPTION				
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		HYDROCARBON (TOTAL-METHANE)				
FLAME IONIZATION DETECTOR (FID)		PID TOTAL		EVIDENT ODOR OR STAIN				
LAB SAMPLE		G = Grab		C = Composite				
REMARKS		GROUNDWATER DEPTH		AIR DRY				
F-1	1'	0.00	0.00	0.00	0.00	None	13m kg	
	2'	0.05	0.05	0.05	0.05	"	"	
	3'	0.01	0.01	0.01	0.01	"	1-10 kg	
	4'	0.37	0.37	0.37	0.37	"	"	
	5'	0.28	0.28	0.28	0.28	"	Orange brown kg w/silt	
	7'	0.18	0.18	0.18	0.18	"	1-10 kg	
	9'	0.08	0.08	0.08	0.08	"	"	
	11'	0.25	0.25	0.25	0.25	"	"	
	13'	0.02	0.02	0.02	0.02	"	"	
	14'	0.00	0.00	0.00	0.00	"	"	
F-2	1'	0.00	0.00	0.00	0.00	"	1-10 kg	
	2'	0.00	0.00	0.00	0.00	"	"	
	3'	0.01	0.01	0.01	0.01	"	1-10 kg	
	4'	0.05	0.05	0.05	0.05	"	"	
	5'	0.00	0.00	0.00	0.00	"	"	
	7'	0.24	0.24	0.24	0.24	"	1-10 kg	
	9'	0.17	0.17	0.17	0.17	"	"	
	11'	0.27	0.27	0.27	0.27	"	"	
	13'	0.19	0.19	0.19	0.19	"	"	
	14'	0.49	0.49	0.49	0.49	"	"	

Background ~ 0.00

PREPARED BY: A. Hark



DATE: 2/21/14	PROJECT NAME: Dyer Chevrolet Ft. Pierce	SHEET 28 OF 59
<input checked="" type="checkbox"/> EIR <input type="checkbox"/> BID MODEL & SERIAL NO.	PROJECT NO: 06002015	06031995

Background  $\sim 0.12$



[illegible]

Background  $\sim 0.08$

PREPARED BY: A. Black

# SOIL OVA SAMPLE DATA

DATE: 02/24/2014		PROJECT NAME: Dyer Chevrolet Ft. Pierce City, Seaton		SHEET 30 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Air ME Life 50-0342 TIA-1000 011524496		CALIBRATION DATE/STANDARD: 01/25/1000 2/12/12		PROJECT NO: 06632015			
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				OTHER <input checked="" type="checkbox"/> OTHER <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				OTHER <input checked="" type="checkbox"/>			
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				OTHER <input checked="" type="checkbox"/>			
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <input type="checkbox"/> OTHER SOLVENT				OTHER <input checked="" 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)				
F-1	1"	0.00	—	0.00	None	—	Brown Lys
	2"	0.02	—	0.00	"	—	Grey Lys
	3"	0.00	—	0.00	"	—	Tan Lys
	4"	0.17	—	0.00	"	—	Grey Brown Lys
	5"	0.27	—	0.00	"	—	Orange Tan Lys w/ clay
	7"	0.51	—	0.00	"	—	"
	9"	0.44	—	0.00	"	—	Tan Lys
	11"	0.18	—	0.00	"	—	" " moist
	13"	0.19	—	0.00	"	—	" " wet
	14"	0.57	—	0.00	"	—	" " wet
F-2	1"	0.82	—	0.00	"	—	Brown Lys
	2"	0.01	—	0.00	"	—	"
	3"	0.04	—	0.00	"	—	Tan Lys
	4"	0.08	—	0.00	"	—	"
	5"	0.07	—	0.00	"	—	" " w/ silt
	7"	0.25	—	0.00	"	—	"
	9"	0.00	—	0.00	"	—	Tan Lys
	11"	1.01	—	0.00	"	—	Tan Lys wet
	13"	0.69	—	0.1	"	—	" " wet
	14"	0.45	—	0.00	"	—	" " wet
PREPARED BY: A. Acosta							

DATE: 4/24/2014		PROJECT NAME: Dyer Chevrolet Ft. Pierce		CITY: Seaman		SHEET 21 OF 59	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Min ME Life 550-90242		CALIBRATION DATE/STANDARD: 07/25/100 ppm 254/14		PROJECT NO: 06692015066378			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input checked="" type="checkbox"/> 8 OZ GLASS		<input checked="" type="checkbox"/> 1 JAR		<input checked="" type="checkbox"/> 2 JAR	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER		<input checked="" type="checkbox"/> SOLID STEM		<input checked="" type="checkbox"/> SPLIT SPOON		<input checked="" 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 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)				
F-3	1'	0.11	—	0.0	None	—	tan fgs "
	2'	0.18	—	0.0	"	—	" "
	3'	0.24	—	0.0	"	—	" "
	4'	0.23	—	0.0	"	—	Tan fgs "
	5'	0.00	—	0.0	"	—	" "
	7'	0.30	—	1.3	"	—	" w/ some silt
	9'	0.56	—	1.5	"	—	Tan fgs "
	11'	0.13	—	3.1	"	—	" "
	13'	0.00	—	0.2	"	—	" " wet
	14'	0.43	—	0.0	"	—	" " wet
F-4	1'	0.40	—	0.0	"	—	Red fgs "
	2'	0.38	—	0.0	"	—	Tan fgs "
	3'	0.13	—	0.0	"	—	Tan - Orange fgs "
	4'	0.21	—	0.0	"	—	" "
	5'	0.09	—	0.0	"	—	" "
	7'	0.14	—	0.0	"	—	Tan wye fgs "
	9'	0.14	—	0.01	"	—	Tan fgs "
	10'	0.17	—	0.0	"	—	" " moist
	13'	0.43	—	0.2	"	—	" " wet
	14'	0.55	—	0.0	"	—	" " wet

PREPARED BY: *pkc*

☆ ☆ ☆



DATE: 3/24/19	PROJECT NAME: Dyer Chevrolet Ft. Pierce	City, So. Fla.	PROJECT NO: 06632015-06632015	SHEET 32 OF 59
<input type="checkbox"/> FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: M100-100 0115248496	CALIBRATION DATE/STANDARD: 01/25/10			

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# SOIL OVA SAMPLE DATA

DATE: 2/24/14		PROJECT NAME: Dyer-Chevrolet Ft. Pierce		SHEET 33 OF 59	
FID [X] PID MODEL & SERIAL NO: MARI RAE Like 570-903042		CALIBRATION DATE/STANDARD: 01/24/14		PROJECT NO: 06632015	
HEADSPACE CONTAINER: [X] 16 OZ GLASS		[X] 8 OZ GLASS		[X] 1 JAR [X] 2 JAR [X] ZIP-LOC	
SAMPLE METHOD: [X] HAND AUGER		[X] SOLID STEM		[X] CORER	
EQUIP DECON: [X] TAP WATER WASH		[X] DIST/DEION 1 RINSE		[X] ANALYTE FREE FINAL RINSE	
[X] ALCONOX WASH		[X] LIQUINOX WASH		[X] DIST/DEION 2 RINSE	
SAMPLE LOCATION		SAMPLE NO./DEPTH		LITHOLOGIC DESCRIPTION	
FLAME IONIZATION DETECTOR (FID)		HYDROCARBON (TOTAL-METHANE)		LAB SAMPLE G = Grab C = Composite	
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		EVIDENT ODOR OR STAIN	
PID TOTAL		TOTAL		REMARKS	
F-8	1"	0.00	0.00	0.0	Blue fls
	2"	0.15	0.15	0.0	Trace fls
	3"	0.02	0.02	0.10	" "
	4"	0.00	0.00	0.0	" "
	5"	0.00	0.00	0.0	" "
	7"	0.00	0.00	0.0	" "
	9"	0.13	0.13	0.0	" "
	11"	0.15	0.15	0.0	" " wet
	13"	0.05	0.05	0.0	" " wet
	14"	0.35	0.35	0.0	" " wet
F-9	1"	0.18	0.15	0.0	Blue fls
	2"	0.11	0.11	0.0	" "
	3"	0.11	0.11	0.0	Trace fls
	4"	0.32	0.32	0.0	" "
	5"	0.27	0.27	0.0	" "
	7"	0.39	0.39	0.1	Trace fls
	9"	0.25	0.25	0.0	" "
	11"	0.35	0.35	0.0	" "
	13"	0.35	0.35	0.0	" "
	14"	0.45	0.45	0.4	" "
					" "
					" "
					" "

PREPARED BY: P. Neer

DATE: 2/25/14						PROJECT NAME: City Soccer						SHEET 31 OF 59
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini Pie lite 530-903042 / TDA1000 0113248710A						CALIBRATION DATE/STANDARD: 2/25/14/0.5, 1.00 ppm						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"/> OTHER	
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		
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"/> EVIDENT	<input type="checkbox"/> DIST/DEION FINAL RINSE	<input checked="" type="checkbox"/> ATB DRY	
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION	REMARKS			
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)								
G-1	1'	0.69	--	0.69	0.0	none	--	Brown Fgs				
	2'	0.95	--	0.95	9.0	none	--	" "				
	3'	2.12	--	2.12	2.5	"	--	tan "				
	4'	5.27	--	5.27	6.1	"	--	" "				
	5'	3.01	--	3.01	5.6	"	--	tan/orange Fgs				
	7'	0.32	--	0.32	0.0	"	--	" " Fgs w/ clayey				
	11'	0.62	--	0.62	0.0	"	--	" " "				
	13'	0.59	--	0.59	0.0	"	--	tan Fgs moist				
	14'	0.39	--	0.39	0.0	"	--	" "				
	1'	0.47	--	0.47	0.0	"	--	" " wet				
G-2	1'	0.54	--	0.54	0.0	none	--	Brown Fgs				
	2'	0.56	--	0.56	0.0	"	--	Gray Fgs				
	3'	0.81	--	0.81	0.0	"	--	tan Fgs				
	4'	0.63	--	0.63	0.0	"	--	" "				
	5'	0.41	--	0.41	0.0	"	--	" "				
	7'	0.30	--	0.30	0.0	"	--	" " clayey				
	9'	0.33	--	0.33	0.0	"	--	" " (moist)				
	11'	0.28	--	0.28	0.0	"	--	tan/Brown Fgs moist				
	13'	0.44	--	0.44	0.0	"	--	" " wet				
	14'	1.41	--	1.41	0.0	"	--	" " wet				

Background 0.50ppm

PREPARED BY: [Signature]

Background	0.50ppm
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**PREPARED BY:**

DATE: 2/25/14		PROJECT NAME: City Soccer		SHEET 35 OF 59		PROJECT NO: 06631995		
<input checked="" type="checkbox"/> FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: <u>Mo. Pae lite 590-9030421 TDA 1200 015248496</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"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC		<input checked="" type="checkbox"/> OTHER <u>3 gal</u>		
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM		<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"/> DIST/DEION 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 type="checkbox"/> CORER		
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	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)					HYDROCARBON (TOTAL-METHANE)
G-3	1'	14.2	1.19	13.01	23.9	none	Brw Fgs	
	2'	1.51		1.51	2.8	"	Tan Fgs	
	3'	3.31		3.31	18.9	"	"	
	4'	4.44		4.44	0.2	"	tan/orange Fgs	
	5'	1.08		1.08	0.3	"	orange w/ clayey	
	7'	0.69		0.69	0.0	"	tan w/ clayey	
	9'	0.46		0.46	0.0	"	tan/orange Fgs	
	11'	4.54		4.54	0.9	"	"	
	13'	0.26		0.26	0.0	very strong	"	
	14'	0.28		0.28	0.0	none	"	
	G-4	1'	2.16		2.16	6.6	none	tan/Brw Fgs
		2'	1.35		1.35	0.1	"	Tan Fgs
		3'	0.85		0.85	0.1	"	"
		4'	0.39		0.39	0.8	"	tan/orange clayey
5'		0.57		0.57	0.3	"	"	
7'		2.36		2.36	1.6	sl. petro	tan clayey	
9'		23.70	1.04	22.66	14.9	red petro	tan Fgs	
11'		28.58	1.49	27.09	2.6	sl. petro	"	
13'		2.44		2.44	0.1	"	"	
14'		4.06		4.06	0.8	none	"	

Background 0.40 ppm  
 PREPARED BY:

Background 0.40 ppm



# SOIL OVA SAMPLE DATA

DATE: 2/25/14		PROJECT NAME: City Soccer		SHEET 36 OF 59				
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini. Pae lite 590-9032421/TVA 1000 015248196		PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 2/25/14 10.95 +100 ppm				
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		ZIP-LOC		<input checked="" type="checkbox"/> OTHER: 3 jar				
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER		CORER		<input checked="" type="checkbox"/> OTHER: <u>sample</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 type="checkbox"/> TAP WATER 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)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION		
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)		GROUNDWATER DEPTH		
G-5	1'	8.1	-	2.1	6.1	none	BW Fgs	
	2'	0.46	-	0.46	3.8	"	"	
	3'	22.94	1.44	21.50	2.0	"	tan "	
	4'	2.06	-	2.06	6.2	51 petro	" "	
	5'	24.76	1.89	22.87	6.0	21 petro	" "	
	6'	2.98	-	2.98	1.2	none	" "	
	7'	97.18	28.13	69.05	43.4	31 petro	tan/gray w/ clayey	
	11'	2.13	-	2.13	0.4	"	tan	
	13'	1.05	-	1.05	0.1	"	"	
	14'	1.06	-	1.06	0.5	"	"	
	G-6	1'	21.12	0.83	20.29	10.0	none	BW Fgs
		2'	8.83	-	8.83	0.9	"	tan "
		3'	8.80	-	0.80	0.4	"	"
		4'	4.26	-	4.26	9.0	"	Gray Clayey w/ orange
5'		2.12	-	2.12	0.6	"	"	
7'		1.28	-	1.28	0.1	"	tan w/ clayey	
9'		0.29	-	0.29	0.0	"	tan/orange Fgs	
11'		4.23	-	4.23	2.3	"	orange / tan	
13'		0.16	-	0.16	0.7	"	more	
14'		0.32	-	0.32	0.0	"	wet	

PREPARED BY: 



DATE: 2/25/14						PROJECT NAME: City Soccer						SHEET 37 OF 59					
FID [x] EPID MODEL & SERIAL NO: Mini Bae Lite 580-923421/TVA MD 558						CALIBRATION DATE/STANDARD: 2/25/14 0.9% + 100ppm						PROJECT NO: 06631995					
HEADSPACE CONTAINER:						[x] 16 OZ GLASS [ ] 8 OZ GLASS [ ] 1 JAR [ ] 2 JAR [ ] ZIP-LOC											
SAMPLE METHOD:						[x] HAND AUGER [ ] SOLID STEM [ ] SPLIT SPOON [ ] CORER											
EQUIP DECON: [ ] TAP WATER WASH [x] LIQUINOX WASH [x] DIST/DEION 1 RINSE [x] ISOPROPANOL [ ] ANALYTE FREE FINAL RINSE [ ] TAP WATER FINAL RINSE																	
[ ] ALCONOX WASH [x] LIQUINOX WASH [x] DIST/DEION 2 RINSE [ ] OTHER SOLVENT																	
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-7	1'	0.11	-	0.11	0.0	none	Baw FGS										
	2'	0.34	-	0.36	0.0	"	"										
	3'	0.26	-	0.26	0.0	"	tan/Baw FGS										
	4'	0.07	-	0.07	0.0	"	"										
	5'	0.06	-	0.06	0.0	"	"										
	6'	0.13	-	0.13	0.0	"	"										
	9'	0.05	-	0.05	0.0	"	orange FGS										
	11'	0.24	-	0.26	0.0	"	tan/orange "										
	13'	0.38	-	0.38	0.0	"	tan "		undist								
	14'	0.30	-	0.30	0.0	"	"		wat								
G-8	1	0.208	0.23	0.185	4.8	none	Geel @ Baw "										
	2	1.48	-	1.48	0.2	"	"										
	3	0.15	-	0.15	0.0	"	tan "										
	4	0.19	-	0.19	0.0	"	"										
	5	0.73	-	0.73	2.5	"	tan/orange clayey										
	7	0.08	-	0.08	0.0	"	orange / Tan Clayey										
	9	0.62	-	0.62	0.0	"	tan "										
	11	0.33	-	0.33	0.7	"	" FGS										
	13	0.87	-	0.87	0.0	Slight	" "		mudc								
	14	4.17	-	4.17	7.7	Slight	" "		wet								

PREPARED BY: [Signature]



# SOIL OVA SAMPLE DATA

DATE: 4/25/14		PROJECT NAME: City Soccer		SHEET 38 OF 59			
DATE: 4/25/14		PROJECT NO: 06631995		PROJECT NO: 06631995			
FID 4PID MODEL & SERIAL NO: Mini Raelite 580-923217UA1000 015248494		CALIBRATION DATE/STANDARD: 2/25/14 0.95 + 100 ppm		HEADSPACE CONTAINER: 16 OZ GLASS 8 OZ GLASS 1 JAR 2 JAR ZIP-LOC			
SAMPLE METHOD: HAND AUGER		SOLID STEM		CORER			
EQUIP DECON: TAP WATER WASH LIQUINOX WASH		DIST/DEION 1 RINSE		ANALYTE FREE FINAL RINSE			
SAMPLE LOCATION		FLAME IONIZATION DETECTOR (FID)		LITHOLOGIC DESCRIPTION			
DEPTH		HYDROCARBON (TOTAL-METHANE)		GROUNDWATER DEPTH			
SAMPLE NO./		FID METHANE (FILTERED)		REMARKS			
FID TOTAL (UNFILTERED)		FID METHANE (FILTERED)		LAB SAMPLE G = Grab C = Composite			
PID TOTAL		EVIDENT ODOR OR STAIN		LITHOLOGIC DESCRIPTION			
H-1	1'	172	0.26	171.75	93.8	none	H-1e1' @ Brow Fgs
	2'	12.23	0.35	11.88	1.1	"	Brow "n
	3'	0.95	-	0.95	0.5	"	tan "n
	4'	0.57	-	0.57	0.6	"	" "n
	5'	2.28	-	2.28	0.0	"	tan/brown Clayey
	7'	0.27	-	0.27	0.0	"	" "n
	9'	0.11	-	0.11	0.1	"	" "n
	11'	1.05	-	1.05	1.7	none	tan/b Clayey
	13'	1.29	-	1.29	3.1	sl. pale	" Fgs web
H-2	1'	0.50	-	0.50	0.0	none	Brow Fgs
	2'	1.16	-	1.16	0.0	"	Brow / tan Fgs
	3'	0.13	-	0.13	0.0	"	tan Fgs
	4'	0.53	-	0.53	0.0	"	tan/Brow "
	5'	0.35	-	0.35	0.0	"	tan/Brown Clayey
	7'	0.2	-	0.20	0.0	"	tan/brown "
	9'	0.06	-	0.06	0.0	"	tan Fgs
	11'	0.30	-	0.30	0.7	"	" "n
	13'	0.30	-	0.30	0.0	"	" " wet
	14'	0.29	-	0.29	0.0	"	" " wet
H-1	14'	1.82	-	1.82	3.7	sl. pale	tan Fgs wet

Background 0.01

PREPARED BY: [Signature]



DATE: 2/25/14		PROJECT NAME: City Soccer		SHEET 39 OF 59					
<input checked="" type="checkbox"/> FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mm Daelite 590-9200124, TWA1000 015248496		PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 8/25/10, 0.95 + 100ppm					
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									
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"/> 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									
SAMPLE LOCATION	SAMPLE NO./DEPTH	FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	FLAME IONIZATION DETECTOR (FID) (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH	REMARKS
H-3	1'	0.66	-	0.66	0.0	LOW	-	BWD FGS	
	2'	0.05	-	0.05	0.0	"	-	BWD FGS	
	3'	0.19	-	0.19	0.0	"	-	TAN "N	
	4'	0.19	-	0.19	0.0	"	-	TAN "N	
	5'	0.09	-	0.09	0.0	"	-	TAN w/CLAY	
	7'	0.25	-	0.25	0.0	"	-	" " "	
	9'	0.31	-	0.31	0.0	"	-	TAN FGS	
H-4	11'	1.34	-	1.34	0.0	"	-	" " "	
	13'	1.02	-	1.02	0.0	"	-	" " "	wet
	14'	0.94	-	0.94	0.0	"	-	" " "	wet
	1'	0.05	-	0.05	0.0	"	-	BWD FGS	
	2'	0.16	-	0.16	0.0	"	-	Grey FGS	
	3'	1.71	-	1.71	0.0	"	-	TAN "N	
	4'	0.08	-	0.08	0.0	"	-	TAN "N	
	5'	0.09	-	0.09	0.0	"	-	TAN w/CLAY	
	7'	0.12	-	0.12	0.0	"	-	" " "	
	9'	0.14	-	0.14	0.0	"	-	TAN	
	11'	0.14	-	0.14	0.0	"	-	" " "	
	13'	0.09	-	0.09	0.0	"	-	" " "	wet
	14'	0.18	-	0.18	0.0	"	-	" " "	wet
							-		
Background 0.03					PREPARED BY: (Signature)				

DATE: 2/25/14						PROJECT NAME: City Soccer						
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Min. Raelite 590 9030421 / TUA 1000 0152-180963						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						CALIBRATION DATE/STANDARD: 2/25/14 / 0.95, 100ppm						
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER						OTHER <input checked="" type="checkbox"/> OTHER <input checked="" 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						TAP WATER FINAL RINSE <input type="checkbox"/> AIR DRY <input type="checkbox"/>						
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE						DIST/DEION FINAL RINSE <input checked="" 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	REMARKS			
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)								
N-5	1'	0.49	-	0.49	0.0	none	-	Bw Fgs				
	2'	1.56	-	1.56	0.0	"	-	Tan "				
	3'	0.12	-	0.12	0.0	"	-	" "				
	4'	0.35	-	0.35	0.0	"	-	" "				
	5'	0.10	-	0.10	0.0	"	-	Tan Clayey				
	6'	0.09	-	0.09	0.0	"	-	" "				
	7'	0.18	-	0.18	0.0	"	-	Tan Fgs				
	11'	0.37	-	0.37	0.0	"	-	" "				
	13'	0.22	-	0.22	0.0	"	-	" "				
	14'	0.19	-	0.19	0.0	"	-	" "				
N-6	1'											
	2'											
	3'											
	4'											
	5'											
	7'											
	11'											
	13'											
	14'											

Background 0.13 ppm

PREPARED BY: [Signature]



# 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: Mini RAE Lib 50-90242/10A-WW 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		COPPER		OTHER 3-phi			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON		ANALYTE FREE FINAL RINSE		OTHER 60/40			
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		TAP WATER FINAL RINSE			
<input type="checkbox"/> ALCONOX WASH <input checked="" type="checkbox"/> LIQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE		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
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)				
H-6	1'	1.80	—	1.80	None	H-6E1/G	Brown fs
	2'	1.03	—	1.03	"	—	"
	3'	1.13	—	1.13	"	—	DK tan 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	"	—	"
	7'	0.95	—	0.95	"	—	Orange Brown fs w/ silt
	9'	0.92	—	0.92	"	—	Tan fs w/ silt
	11'	1.36	—	1.36	"	—	Tan fs
	13'	1.28	—	1.28	5.1 pet coals	—	" moist
	14'	1.65	—	1.65	5.1 pet coals	—	" wet
							" wet
PREPARED BY: A. Dask							

Background ~ 1.00

# 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 JMT-1000 0115248496										CALIBRATION DATE/STANDARD: 04/25/10, Mr. Z. 2/28/14		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										CIP-LOC		OTHER: <input checked="" type="checkbox"/> OTHER: <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										OTHER: <input checked="" type="checkbox"/> OTHER: <input checked="" type="checkbox"/>		OTHER: <input checked="" type="checkbox"/>	
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"/>										DIST/DEION FINAL RINSE <input checked="" type="checkbox"/>		AIR DRY <input checked="" type="checkbox"/>	
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)			HYDROCARBON (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION	GROUNDWATER DEPTH	REMARKS		
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	FID METHANE (TOTAL-METHANE)									
H-8	1'	0.80	—	0.80	0.0	None	—	Brown fs					
	2'	0.74	—	0.74	0.0	"	—	"					
	3'	0.66	—	0.66	0.0	"	—	Tan fs					
	4'	0.67	—	0.65	0.0	"	—	"					
	5'	0.63	—	0.63	0.0	"	—	"					
	7'	0.85	—	0.85	0.0	"	—	Orange Brown fs w/ silt					
	9'	0.73	—	0.73	0.0	"	—	Tan fs					
	11'	0.56	—	0.56	0.0	"	—	"					
	13'	0.80	—	0.80	0.0	Sl. P. calc	—	"					
	14'	0.83	—	0.83	0.0	Sl. P. calc	—	"					
H-9	1'	0.61	—	0.61	0.0	None	—	Brown fs					
	2'	0.51	—	0.51	0.0	"	—	Tan fs					
	3'	0.55	—	0.55	0.0	"	—	"					
	11'	0.56	—	0.56	0.0	"	—	"					
	5'	0.65	—	0.65	0.3	"	—	H-955 (C) Orange Brown fs w/ clay					
	7'	0.73	—	0.73	0.0	None	—	Brown-grey fs					
	9'	0.70	—	0.70	0.0	"	—	"					
	11'	1.53	—	1.53	1.0	"	—	" w/ some silt					
	13'	0.59	—	0.59	0.0	Sl. P. calc	—	Tan fs					
	14'	1.02	—	1.02	0.2	"	—	"					
PREPARED BY: A. Hovata													

Background ~ 0.56 ppm

# SOIL OVA SAMPLE DATA

DATE: 2/28/14										PROJECT NAME: City Soccer		SHEET 43 OF 59	
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MiniRAE-Like 550402042										CALIBRATION DATE/STANDARD: 01/25/14 100 ppm 2-bottle		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-bottle	
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> CORER												OTHER <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
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										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	GROUNDWATER DEPTH	REMARKS			
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)									
H-10	1'	1.15	—	1.15	0.0	None	—	Brown fgs					
	2'	0.97	—	0.97	0.0	"	—	Tan fgs					
	3'	0.92	—	0.92	0.0	"	—	"					
	4'	6.92	—	6.92	0.4	"	—	"					
	5'	1.50	—	1.50	0.0	"	—	"					
	6'	0.61	—	0.61	0.0	"	—	Grey creamy fgs w/ clay					
	7'	0.61	—	0.61	0.0	"	—	Tan fgs					
	11'	0.90	—	0.90	0.1	"	—	Tan fgs					
	13'	1.35	—	1.35	0.0	Sl. pet. odor	—	"					
	14'	1.47	—	1.47	0.0	None	—	"					
G-9	1'	0.81	—	0.81	0.0	"	—	Brown fgs					
	2'	0.02	—	0.02	0.0	"	—	"					
	3'	0.54	—	0.54	0.0	"	—	Tan fgs					
	4'	0.71	—	0.71	0.0	"	—	"					
	5'	1.01	—	1.01	0.0	"	—	Overly Tan fgs w/ some clay					
	7'	0.47	—	0.47	0.0	"	—	Grey Brown fgs w/ clay					
	9'	0.70	—	0.70	0.0	"	—	"					
	11'	1.06	—	1.06	0.3	"	—	Tan fgs					
	13'	0.91	—	0.91	0.0	Sl. Pet. Odor	—	"					
	14'	0.61	—	0.61	0.0	"	—	"					
												PREPARED BY: A. Dosh	

Background ~ 1.00 ppm



# SOIL OVA SAMPLE DATA

DATE: 2/28/14		PROJECT NAME: City Soccer		SHEET 44 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MiniVite Life 590 903557 / 71A-1000 01924846		CALIBRATION DATE/STANDARD: 04/25/09 20014		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		CERER		<input checked="" type="checkbox"/> OTHER 15-160			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON		CORER		<input checked="" type="checkbox"/> OTHER 60/60/60			
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		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)				
6-11	1'	0.78	—	0.78	Blue	—	Brown 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	"	—	Orange fgs w/ 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	"	—	"
6-11	1'	0.52	—	0.52	"	—	Brown fgs
	2'	0.46	—	0.46	"	—	Tan fgs
	3'	0.84	—	0.84	"	—	"
	4'	0.51	—	0.51	"	—	"
	5'	0.54	—	0.54	"	—	" w/ some silt
	7'	0.45	—	0.45	"	—	Orange Tan fgs w/ silt
	9'	0.45	—	0.45	"	—	"
	11'	0.80	—	0.80	"	—	Tan fgs
	12'	0.63	—	0.63	"	—	" w/ silt
	14'	1.01	—	1.01	"	—	" w/ silt

Background ~ 0.70 ppm

PREPARED BY: R. Foster



# SOIL OVA SAMPLE DATA

DATE: 5/31/14		PROJECT NAME: City Soccer		SHEET 45 OF 59		
FID		PID MODEL & SERIAL NO: Mini Pac 112-550-900141 HVA-1000 015245496		PROJECT NO: 06631995		
HEADSPACE CONTAINER:		16 OZ GLASS		CALIBRATION DATE/STANDARD: 3/31/14 10.95 +100 ppm		
SAMPLE METHOD:		HAND AUGER		1 JAR		
EQUIP DECON:		TAP WATER WASH		2 JAR		
ALCONOX WASH		LIQUINOX WASH		ZIP-LOC		
SAMPLE NO./DEPTH		FLAME IONIZATION DETECTOR (FID)		CORER		
		FID TOTAL (UNFILTERED)		SPLIT SPOON		
		FID METHANE (FILTERED)		ANALYTE FREE FINAL RINSE		
		HYDROCARBON (TOTAL-METHANE)		TAP WATER FINAL RINSE		
		PID TOTAL		DIST/DEION FINAL RINSE		
		EVIDENT ODOR OR STAIN		AIR DRY		
		LAB SAMPLE		LITHOLOGIC DESCRIPTION		
		G = Grab		GROUNDWATER DEPTH		
		C = Composite		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	"	" "
	11	0.27	0.27	0.0	"	tan w/ orange FGS w/ clay
	13	0.45	0.45	0.1	"	" FGS
	14	0.53	0.53	0.0	"	" "
K-2	1	39.26	11.75	2.9	sl. petro	" "
	2	1.02	1.62	1.2	none	Brow FGS
	3	0.88	0.88	1.0	"	" "
	4	1.05	1.05	1.0	"	tan "
	5	0.81	0.81	0.9	"	" "
	7	0.50	0.50	0.7	"	" w/ orange FGS w/ clay
	9	2.53	2.53	2.2	"	" "
	11	5.01	5.01	5.4	"	tan FGS
	13	0.62	0.62	0.0	"	" "
	14	4.52	4.52	0.3	"	" "
		60.02	29.91	7.0	sl. petro	" "
Background 0.19 ppm						PREPARED BY: (signature)


PROJECT NAME: City Soccer									
DATE: 3/31/14		SHEET 46 OF 59							
FID		PROJECT NO: 06631995							
HEADSPACE CONTAINER:		CALIBRATION DATE/STANDARD: 3/31/14 0.95+100 ppm							
SAMPLE METHOD:		OTHER 3.10e							
EQUIP DECON:		TAP WATER FINAL RINSE							
ALCONOX WASH		DIST/DEION FINAL RINSE							
SAMPLE LOCATION	SAMPLE NO./DEPTH	FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	FLAME IONIZATION DETECTOR (FID)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION	REMARKS
K-3	1	36.73	0.28	36.45	13.0	none	K-3el ⑤	Bru 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	s/petro	-	Greyloamess Clay	
	11	47.10	2.31	44.79	62.2	s/petro	-	tan fgs	
	13	113	2.13	110.87	96.0	" "	-	" "	wet "
	14	48.02	2.38	47.64	86.1	petro	-	" "	wet "
K-4	1	67.71	2.11	65.60	34.8	" "	-	" "	
	2	2.37	-	2.37	2.9	none	-	Bru fgs	
	3	0.98	-	0.98	2.5	" "	-	tan "	
	4	6.48	-	6.48	2.9	" "	-	" "	
	5	1.53	-	1.53	6.4	" "	-	" "	
	7	0.24	-	0.24	0.3	" "	-	tan/orange 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	s/petro	-	" "	
Background 0.88 ppm									
PREPARED BY: [Signature]									



# SOIL OVA SAMPLE DATA

DATE: 3/3/14		PROJECT NAME: City Soccer		SHEET 47 OF 59		
FID		PID MODEL & SERIAL NO: Mini-Pac lite 580-9030421/TVA1000 01152-1818		PROJECT NO: 06631995		
HEADSPACE CONTAINER:		CALIBRATION DATE/STANDARD: 3/3/14/0.98+100 ppm				
SAMPLE METHOD:		16 OZ GLASS		ZIP-LOC		
EQUIP DECON:		8 OZ GLASS		2 JAR		
ALCONOX WASH		SOLID STEM		CORER		
SAMPLE LOCATION		FLAME IONIZATION DETECTOR (FID)		LITHOLOGIC DESCRIPTION		
DEPTH		HYDROCARBON (TOTAL-METHANE)		GROUNDWATER DEPTH		
		TOTAL		REMARKS		
K-S	1	0.15	0.15	0.0	none	Brown Fgs
	2	0.28	0.28	0.0	"	"
	3	0.09	0.09	0.0	"	Tan "
	4	0.23	0.23	0.0	"	"
	5	0.28	0.28	0.0	"	"
	6	0.75	0.75	0.0	"	"
	7	0.25	0.25	0.0	"	Grey/white clayey
	11	0.38	0.38	0.0	"	Tan Fgs w/ clayey
	13	0.71	0.71	0.0	"	"
	14	0.56	0.56	0.0	"	"
K-W	1	0.59	0.59	0.5	none	Brown Fgs
	2	0.05	0.05	0.0	"	Tan Fgs
	3	0.19	0.19	0.2	"	"
	4	0.72	0.72	0.0	"	"
	5	0.35	0.35	0.0	"	"
	6	0.24	0.24	0.0	"	Tan/cream clayey
	7	0.25	0.25	0.0	"	Tan clayey
	11	0.81	0.81	0.0	"	Tan Fgs
	13	0.23	0.23	0.0	"	"
	14	0.09	0.09	0.0	"	"
		Background 0.14 ppm				
PREPARED BY: (Signature)						

# SOIL OVA SAMPLE DATA

DATE: 3/3/14		PROJECT NAME: City Soccer		SHEET 48 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Mini Baeli: 580-9030421/TDA1000 0152418496		CALIBRATION DATE/STANDARD: 2/8/14/0.95+100 ppm		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							
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"/> 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	
K-7	1	0.10	0.0	none	-	Brow Fgs	
	2	0.14	0.0	"	-	Tan "	
	3	0.36	0.0	Sl. organic	-	" "	
	4	0.51	0.0	none	-	" "	
	5	0.14	0.0	"	-	" "	
	7	0.17	0.0	"	-	" "	
	9	0.09	0.0	"	-	" "	
	11	0.16	0.0	"	-	tan orange clayey	
	13	0.35	0.0	"	-	tan orange clayey	
	14	0.12	0.0	"	-	tan Fgs	
	K-8	1	0.09	0.2	none	-	Brow Fgs
		2	0.75	0.0	"	-	" "
		3	0.15	0.0	"	-	Grey Fgs
		4	0.42	0.0	"	-	Tan Fgs
5		0.27	0.0	"	-	" w/ clayey	
7		0.34	0.0	"	-	" Clayey	
9		0.62	0.0	"	-	Tan Fgs	
11		0.13	0.0	"	-	tan " orange clayey	
13		0.19	0.0	"	-	tan Fgs	
14		0.16	0.0	"	-	" "	
Background 0.11 ppm							
PREPARED BY: 							



[illegible]

DATE: 3/8/15						PROJECT NAME: City Soccer						SHEET 50 OF 59					
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: Minn Pac 1st 590-903012/TVA 100 015248496						CALIBRATION DATE/STANDARD: 3/13/14/0.95 7100 ppm						PROJECT NO: 06631995					
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS						<input type="checkbox"/> 8 OZ GLASS						<input type="checkbox"/> 1 JAR					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER						<input type="checkbox"/> SOLID STEM						<input type="checkbox"/> ZIP-LOC					
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"/> OTHER SOLVENT					
SAMPLE LOCATION	SAMPLE NO./DEPTH	FLAME IONIZATION DETECTOR (FID)		PID TOTAL	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)	PID TOTAL	EVIDENT ODOR OR STAIN	LAB SAMPLE G = Grab C = Composite	LITHOLOGIC DESCRIPTION GROUNDWATER DEPTH	REMARKS						
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)														
J-3	1	7.40	-	7.40	2.03	9.07	14.7	none	-	Brown Fgs							
	2	11.10	2.03	9.07	1.24	2.34	2.9	"	-	tan "							
	3	23.58	1.24	2.34	-	2.85	17.7	"	-	" "							
	4	2.35	-	2.85	-	3.92	0.9	"	-	" "							
	5	3.92	-	3.92	-	34.66	2.5	"	-	Grey " w/rock							
	6	36.67	2.01	34.66	2.01	1.91	18.1	"	-	" Clayey tan FGS							
	7	1.91	-	1.91	-	5.81	1.8	"	-	" "							
	11	5.81	-	5.81	-	0.93	4.8	"	-	" "	w/b						
	13	0.93	-	0.93	-	8.09	0.0	"	-	" "	w/b						
	14	8.09	-	8.09	-	2.76	0.0	"	-	" "							
J-4	1	2.76	-	2.76	-	2.24	1.5	none	-	Brown FGS							
	2	2.24	-	2.24	-	0.59	2.7	"	-	" "							
	3	0.59	-	0.59	-	1.20	0.0	"	-	Grey FGS							
	4	1.20	-	1.20	-	3.42	0.7	"	-	tan "							
	5	1.05	-	1.05	-	3.42	2.2	"	-	" "							
	7	3.42	-	3.42	-	2.41	1.2	"	-	" "							
	9	2.41	-	2.41	-	2.68	0.5	"	-	" "							
	11	2.68	-	2.68	-	4.73	0.0	"	-	" "							
	13	4.73	-	4.73	-	3.62	0.0	"	-	" "							
	14	3.62	-	3.62	-		1.8	"	-	" "							

Prepared By: [Signature]

# SOIL OVA SAMPLE DATA

DATE: 3/3/15		PROJECT NAME: City Soccer		SHEET 51 OF 59			
PROJECT NO: 06631995		CALIBRATION DATE/STANDARD: 3/3/14 0.95 +100 ppm					
FID <input type="checkbox"/> PID <input type="checkbox"/> MODEL & SERIAL NO: 1000 9ae 580-9030421/TOT 1000 0152484		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					
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> CORE		OTHER: <input checked="" type="checkbox"/> OTHER (specify) 3.60					
EQUIP DECON: <input type="checkbox"/> TAP WATER WASH <input checked="" type="checkbox"/> DIST/DEION 1 RINSE <input checked="" type="checkbox"/> H <sub>2</sub> O PROPANOL <input type="checkbox"/> ANALYTE FREE FINAL RINSE <input type="checkbox"/> TAP WATER FINAL RINSE		ALCONOX WASH <input checked="" type="checkbox"/> EQUINOX WASH <input checked="" type="checkbox"/> DIST/DEION 2 RINSE <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 GROUNDWATER DEPTH REMARKS	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)			
J-10	1	0.40	-	0.40	0.0	none	Brd 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	"	Tan Fgs w/ clayey most
	6	0.50	19.78	930.22	112.9	petro	gray clayey
	7	0.735	14.88	61.720.12	857.6	"	Tan Fgs w/ clayey
	8	>10.000	12.51	79987.49	805.1	"	Tan Fgs w/ clayey
	9	>10.000	12.03	>9987.47	650.2	"	"
	10	6.559	12.78	61.346.22	812.1	"	"
	11	0.53	-	0.53	0.0	none	Brd Fgs
	12	0.52	-	0.52	0.0	"	Tan
	13	0.27	-	0.27	0.0	"	"
	14	0.19	-	0.19	0.0	"	"
J-11	1	0.42	-	0.42	0.0	"	Fgs w/ clayey
	2	0.15	-	0.15	0.0	"	Tan Fgs
	3	0.37	-	0.37	0.0	"	Tan Fgs
	4	0.38	-	0.38	0.0	"	"
	5	0.41	-	0.41	0.0	"	wet
15	1.81	-	1.81	0.0	"	wet	
		Background 0.18 ppm					
PREPARED BY: (70)							



[illegible]

# SOIL OVA SAMPLE DATA

DATE: 3/5/14		PROJECT NAME: City Soccer		SHEET 53 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: MiniRAE Lite 550-9247 TDA-100 0192248496		CALIBRATION DATE/STANDARD: 04/25/10 0.01m		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		COPPER		OTHER 3-1/2"			
SAMPLE METHOD: <input checked="" type="checkbox"/> HAND AUGER <input type="checkbox"/> SOLID STEM <input type="checkbox"/> SPLIT SPOON		CORER		OTHER Greenade			
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		DIST/DEION 2 RINSE		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)				
U-5	1'	0.59	—	0.59	None	—	Grey L.S.
	2'	0.70	—	0.70	"	—	Grey L.S.
	3'	0.60	—	0.60	"	—	"
	4'	0.61	—	0.61	"	—	"
	5'	0.83	—	0.83	"	—	"
	7'	0.26	—	0.26	"	—	Orange Tan L.S.
	9'	0.53	—	0.53	"	—	Tan Orange L.S.
	11'	0.35	—	0.35	"	—	Tan L.S.
	13'	0.38	—	0.38	"	—	" wet
	14'	0.26	—	0.26	"	—	" wet
K-10	1'	1.17	—	1.17	None	—	Bricks
	2'	0.48	—	0.48	"	—	Grey L.S.
	3'	0.33	—	0.33	"	—	"
	4'	0.45	—	0.45	"	—	Tan L.S.
	5'	0.40	—	0.40	"	—	" wet silt
	7'	0.35	—	0.35	"	—	Tan L.S. w/ silt clay
	1'	0.45	—	0.45	Sil. Bot det.	—	Orange L.S.
	11'	0.33	—	0.33	"	—	Tan L.S.
	13'	0.40	—	0.40	"	—	" wet
	14'	0.43	—	0.43	"	—	" wet

(Background 0.34)

PREPARED BY: A. Acosta

# SOIL OVA SAMPLE DATA

DATE: 4/3/2004		PROJECT NAME: City Soccer		SHEET 54 OF 59			
FID <input checked="" type="checkbox"/> PID MODEL & SERIAL NO: TA-602 C1571846		CALIBRATION DATE/STANDARD: 3-25-10C/mg 1/25/04		PROJECT NO: 06631995			
HEADSPACE CONTAINER: <input checked="" type="checkbox"/> 16 OZ GLASS		<input checked="" type="checkbox"/> 8 OZ GLASS		<input type="checkbox"/> 1 JAR <input type="checkbox"/> 2 JAR <input type="checkbox"/> ZIP-LOC			
SAMPLE METHOD: <input type="checkbox"/> HAND AUGER		<input type="checkbox"/> SOLID STEM		<input type="checkbox"/> SPLIT SPOON <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"/> 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			
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)				
1-8	1'	3.43	—	3.43	None	—	Brown fgs
	2'	3.47	—	3.47	"	—	Gray fgs
	3'	3.40	—	3.40	"	—	Like gray fgs
	4'	3.46	—	3.46	"	—	White fgs
	5'	3.43	—	3.43	"	—	Gray fgs not from soil
	7'	3.47	—	3.47	"	—	Tan fgs
	9'	3.44	—	3.44	"	—	Gray fgs
	11'	3.87	—	3.87	"	—	Tan fgs
	13'	3.42	—	3.42	"	—	" i moist
	14'	3.92	—	3.92	"	—	" 4 wet
1-9	1'	3.51	—	3.51	None	—	Black top soil
	2'	3.47	—	3.47	"	—	Brown fgs
	3'	3.39	—	3.39	"	—	Tan fgs
	4'	3.45	—	3.45	"	—	"
	5'	3.48	—	3.48	"	—	Brown fgs wet soil
	7'	3.21	—	3.21	"	—	"
	9'	3.09	—	3.09	"	—	Tan fgs
	11'	3.32	—	3.32	"	—	" i moist
	13'	3.04	—	3.04	"	—	" i wet
	14'	3.10	—	3.10	"	—	" i wet
PREPARED BY: A. Mack							

Background = 3.66 ppm



[illegible]

[illegible]

PROJECT NAME: City Soccer										
DATE: 5/13/14	PROJECT NO: 06631995									
<input checked="" type="checkbox"/> FID	<input type="checkbox"/> PID MODEL & SERIAL NO: Cady old vs 122004 / Micraf LRP 90-07302 CALIBRATION DATE/STANDARD: 7-5 + 10ppm 5/13/14									
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 checked="" 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		<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	REMARKS	
		FID TOTAL (UNFILTERED)	FID METHANE (FILTERED)	HYDROCARBON (TOTAL-METHANE)						
L-1	1'	21	—	<1	0.0	None	—	Brown fgs		
	2'	21	—	<1	0.0	"	—	Tan fgs		
	3'	21	—	<1	0.0	"	—	"		
	4'	21	—	<1	0.0	"	—	"		
	5'	21	—	<1	0.0	"	—	"		
	7'	21	—	<1	0.0	"	—	"		
	9'	21	—	<1	0.0	"	—	Tan conge w silt		
	11'	21	—	<1	0.0	"	—	Tan Brown b/c silk		
	13'	21	—	<1	0.0	"	—	Tan fgs moist		
	14'	21	—	<1	0.0	"	—	"		
L-2	1'	21	—	<1	0.0	"	—	White fgs wet		
	2'	21	—	<1	0.0	"	1-20% (G)	Brown fgs		
	3'	21	—	<1	0.0	"	—	"		
	4'	21	—	<1	0.0	"	—	"		
	5'	21	—	<1	0.0	"	—	Tan fgs		
	7'	21	—	<1	0.0	"	—	"		
	9'	21	—	<1	0.0	"	—	Tan msp fgs w silt		
	10'	21	—	<1	0.0	"	—	"		
	13'	21	—	<1	0.0	"	—	Brown kn fgs moist		
	14'	21	—	<1	0.0	"	—	Tan fgs moist		
						"	—	" wet		
<p>PID Background ≈ 0.1 ppm</p> <p>PREPARED BY: A. Acosta</p>										

<p> <math>\text{PID}</math> Background <math>\approx 0.1 \mu\text{m}</math> </p>	<p> <math>\text{FID}</math> Background <math>\approx 9 \mu\text{m}</math> </p>
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## 58

Pd Background  $\approx 0.1 \mu\text{m}$   
 FID Background  $\approx 7.5 \mu\text{m}$

[illegible]

PIB Backscramble  $\approx 0.1 \mu\text{m}$   
FED Backscramble  $\approx 6.0 \mu\text{m}$

# 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  
m-7  
m-5/  
m-1

SEC: TWN: RGE: LAT: LONG:

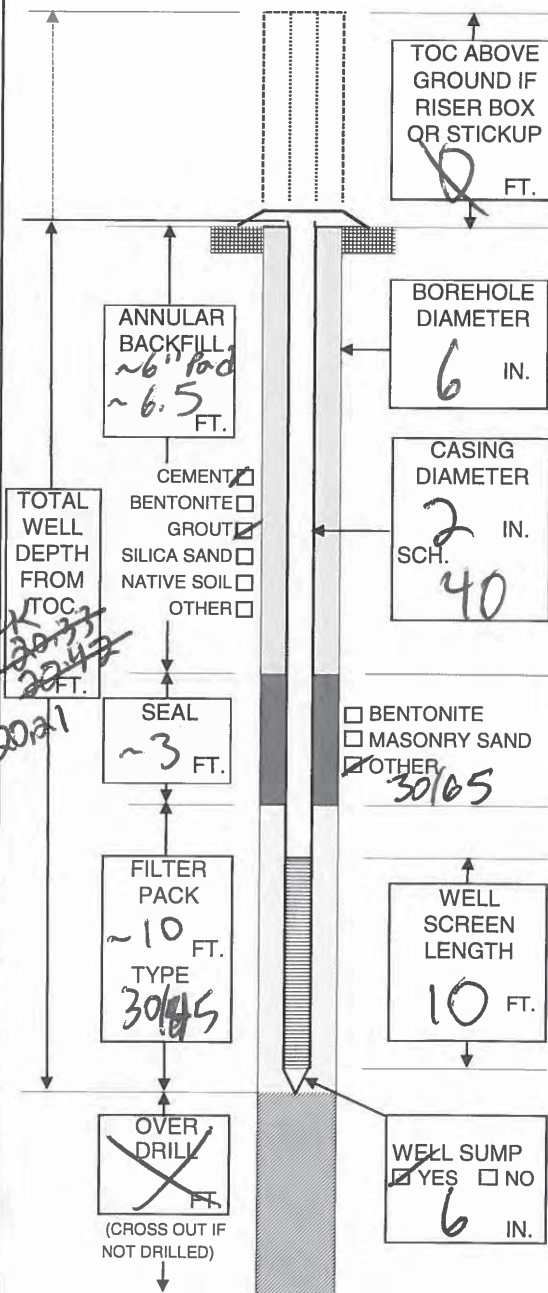
DRILLING CO: ATI

DRILL CREW: Ther + 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 ☐ OTHER NUMBER OF DRUMS < 1/2

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 ☐ TREATED ☐ POTW ☐ OTHER NUMBER OF DRUMS 1/3

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  
6-5/1  
7-10-2 10-10  
10-9

N

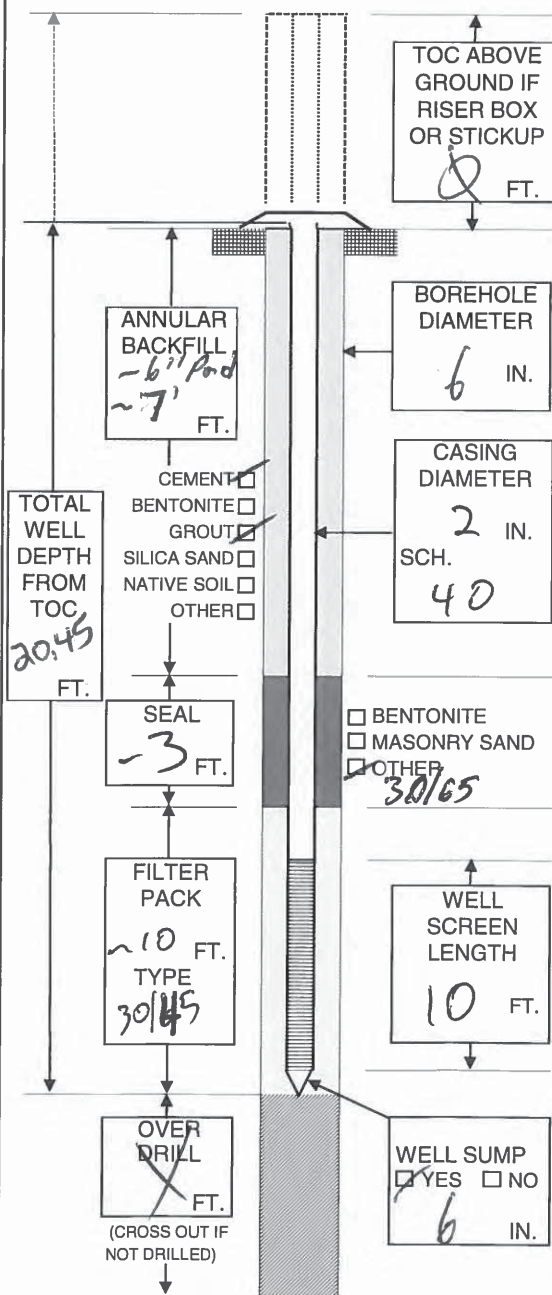
SEC: TWN: RGE: LAT: LONG:

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 ☐ OTHER  
 NUMBER OF DRUMS <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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS <1/3

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

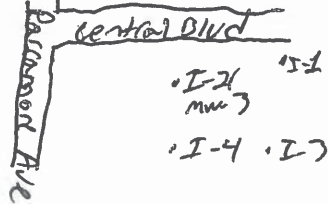
PERMIT NO:

DATE: 2/26/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



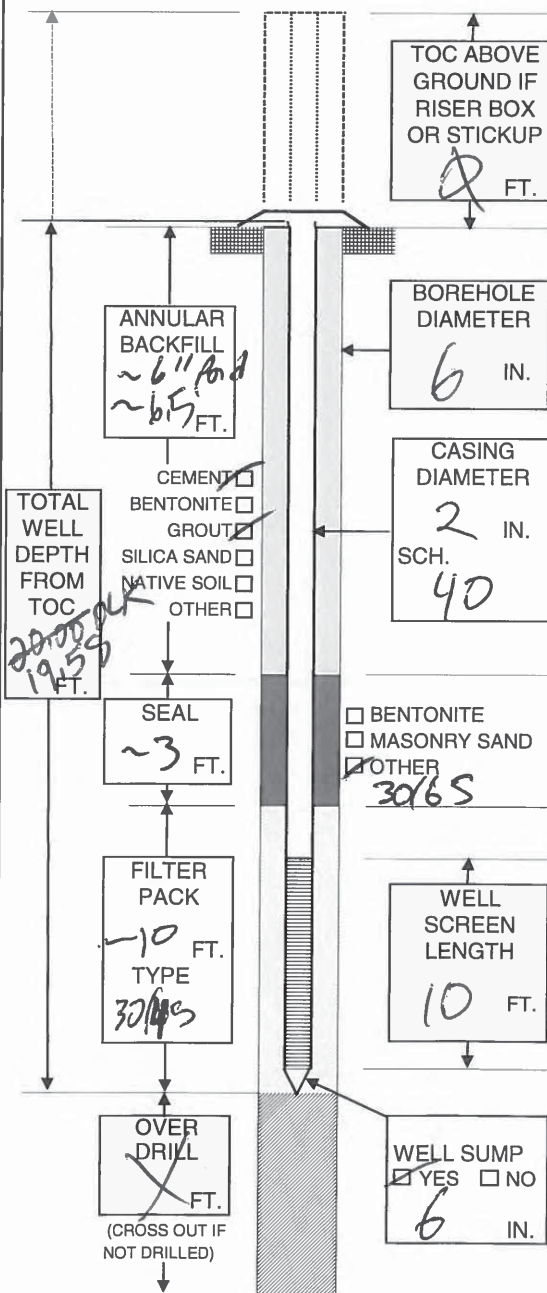
SEC: TWN: RGE: LAT: LONG:

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 ☐ OTHER  
 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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS 1 1/3

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

WELL SITE LOCATION PLAN: Center Blvd December Ave A-4 A-2 A-3 A-5

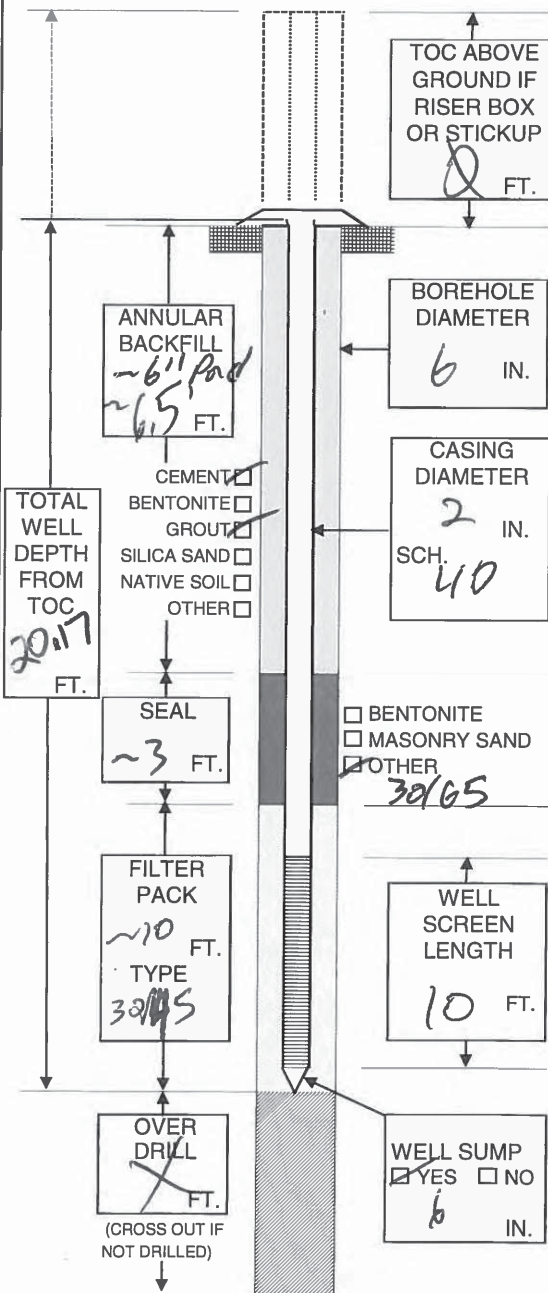
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATF

DRILL CREW: Ther + Tord

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 ☐ OTHER  
NUMBER OF DRUMS 1 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 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  
2/26/14



# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-5/B-2

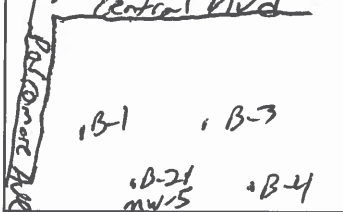
PERMIT NO:

DATE: 2/27/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



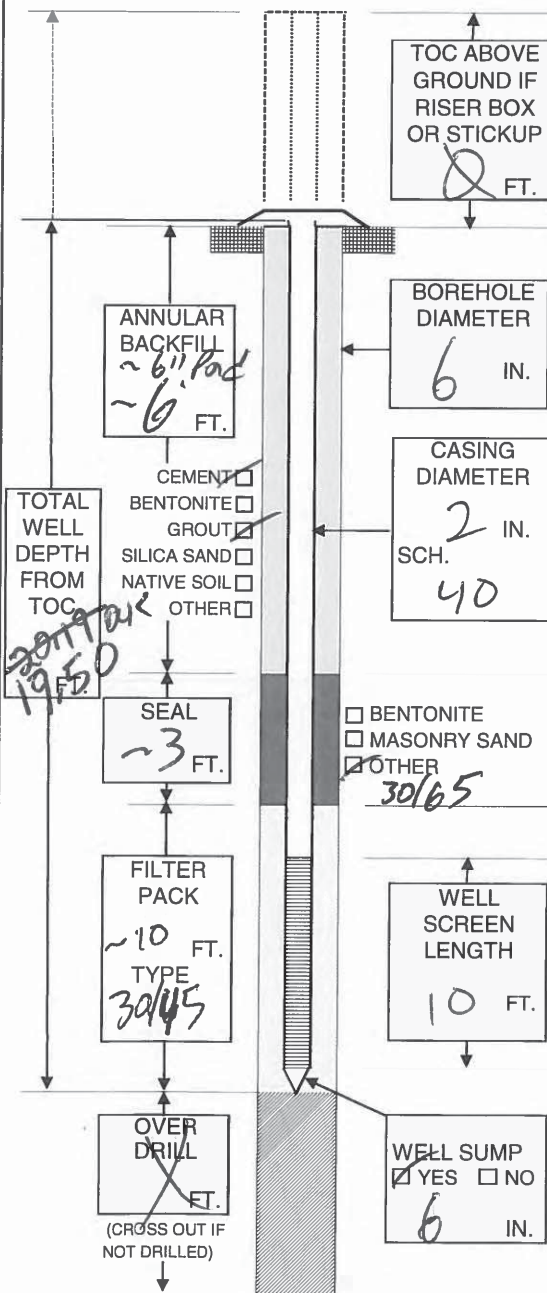
SEC: TWN: RGE: LAT: LONG:

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 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 1 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  
• M-12  
• M-13/MW-6  
• MW40

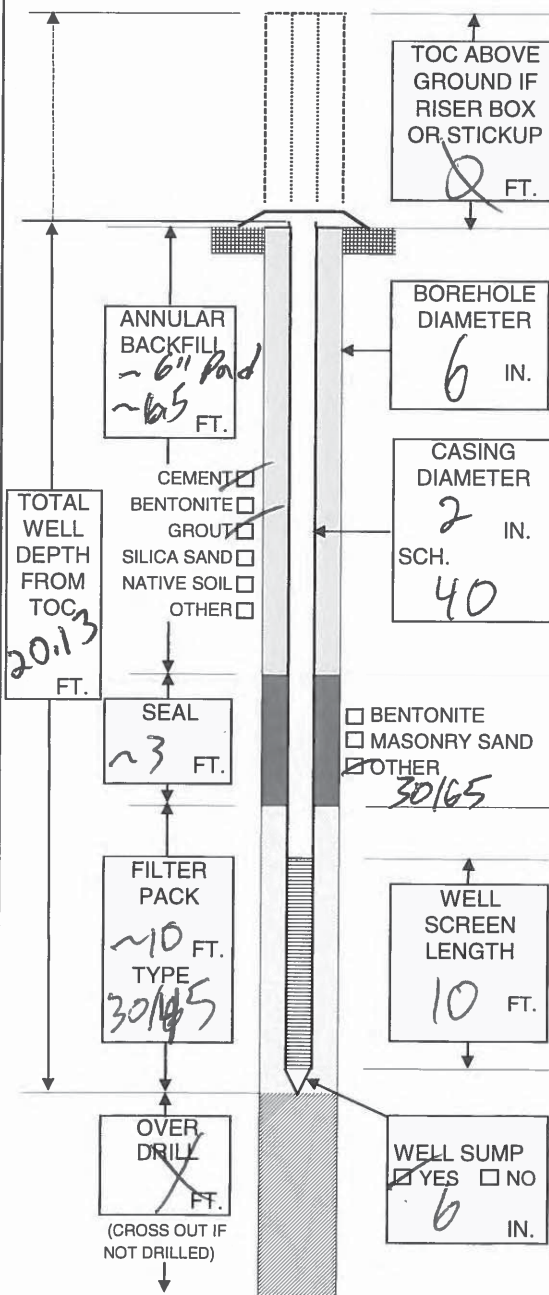
SEC: TWN: RGE: LAT: LONG:

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.

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

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

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 ☐ TREATED ☐ POTW ☐ OTHER  
NUMBER OF DRUMS

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

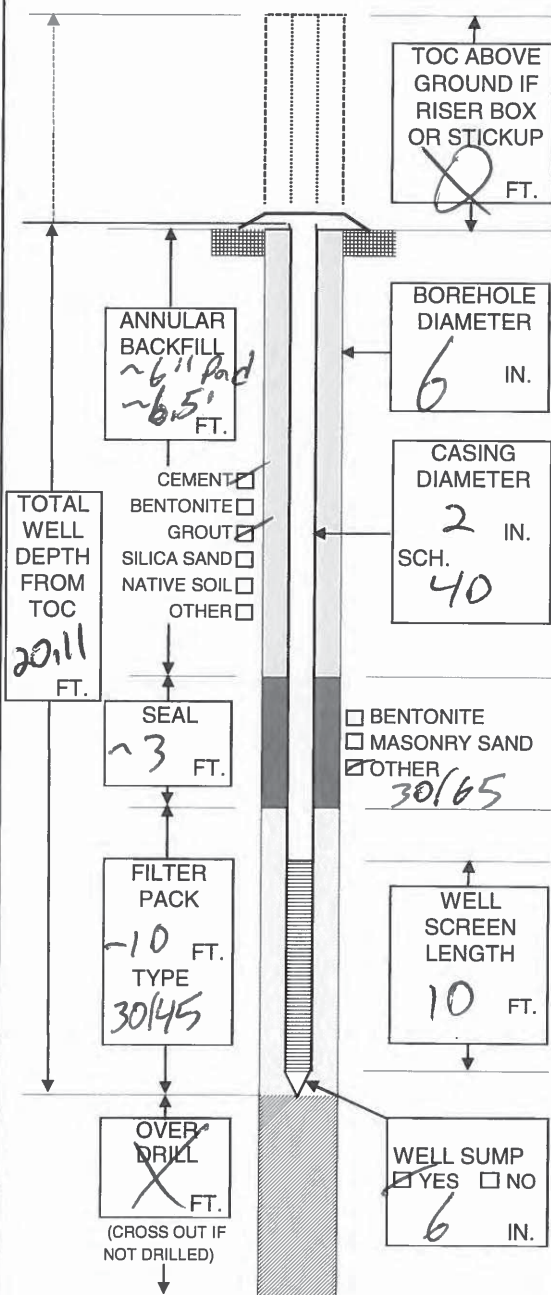
SEC: TWN: RGE: LAT: LONG:

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.  
☐ OTHER

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

CUTTINGS: ☒ DRUMMED ☐ SPREAD ☐ OTHER  
 NUMBER OF DRUMS 4 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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS 1 1/2

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

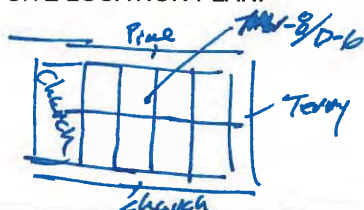
PERMIT NO:

DATE: 3/4/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



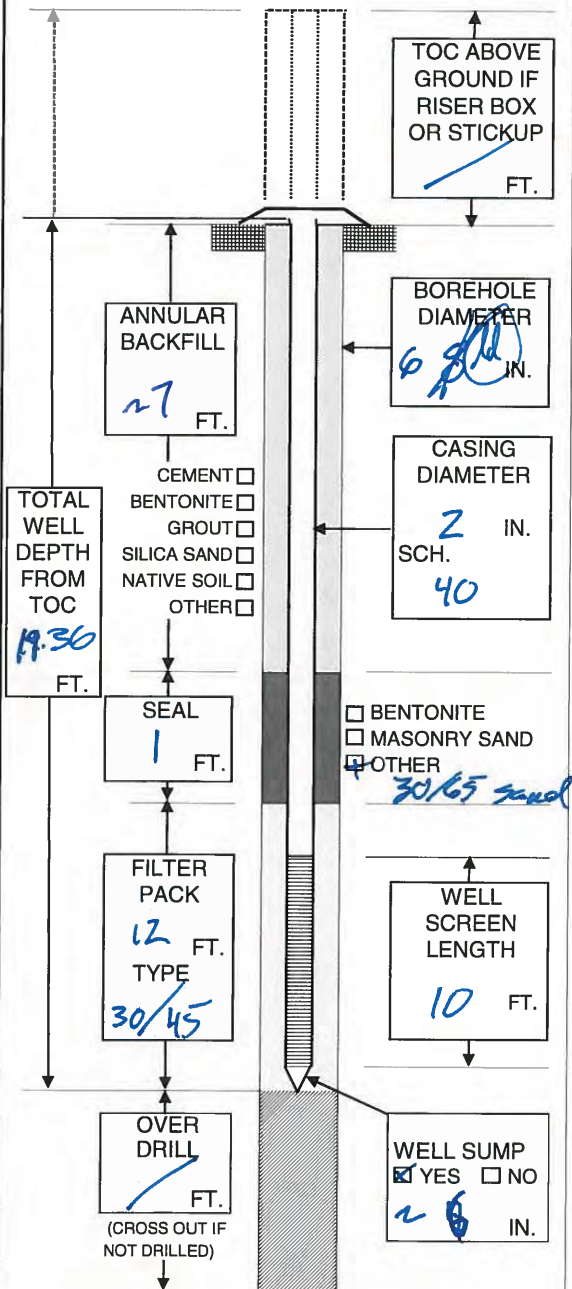
SEC: TWN: RGE: LAT: LONG:

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 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.

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

CUTTINGS: ☒ DRUMMED ☐ SPREAD NUMBER OF DRUMS 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 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 13.56 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

WELL SITE LOCATION PLAN:



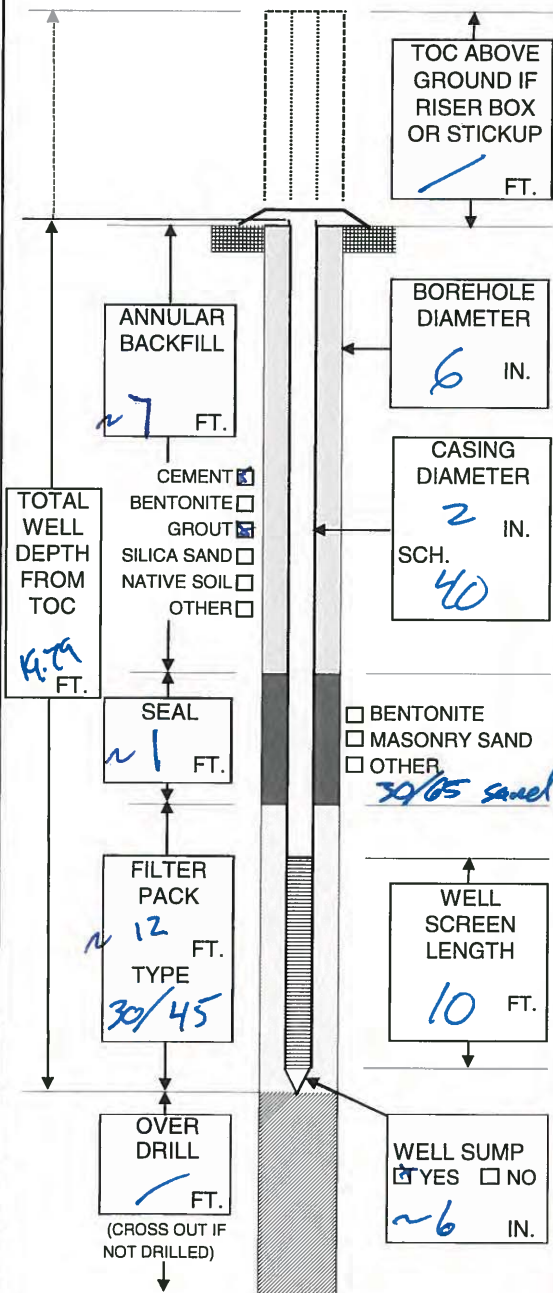
SEC: TWN: RGE: LAT: LONG:

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.

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

CUTTINGS: ☒ DRUMMED ☐ SPREAD NUMBER OF DRUMS

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 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

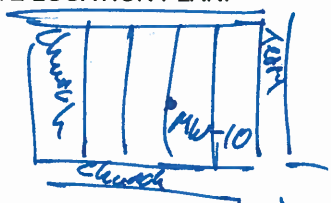
PERMIT NO:

DATE: 3/4/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



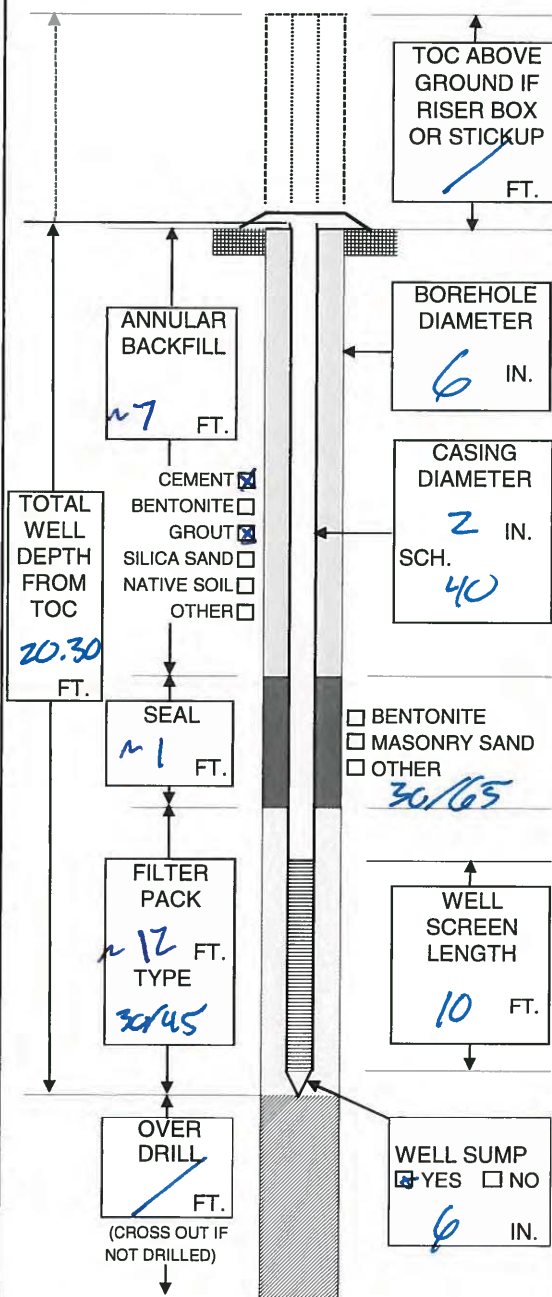
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Theo and Tony

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

## WELL SCHEMATIC



## INSTALLATION DATA

DECON. ☐ STEAM CLEAN ☐ HIGH PRESSURE WASH  
☒ SOAP WASH ☐ OTHER

CASING TYPE: ☒ PVC ☐ STAINLESS ☐ TEFLON ☐ OTHER

JOINTS: ☒ THREADED ☐ WELDED ☐ COUPLED

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

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 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 11.92 FT ☒ BTOC ☐ BLS

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

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

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

PREPARED BY: A. Cooke



# MONITORING WELL CONSTRUCTION DATA

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

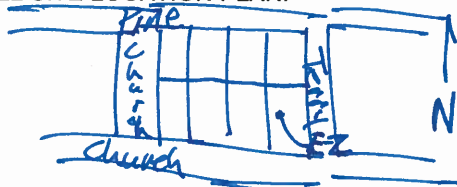
PERMIT NO:

DATE: 3/4/15

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



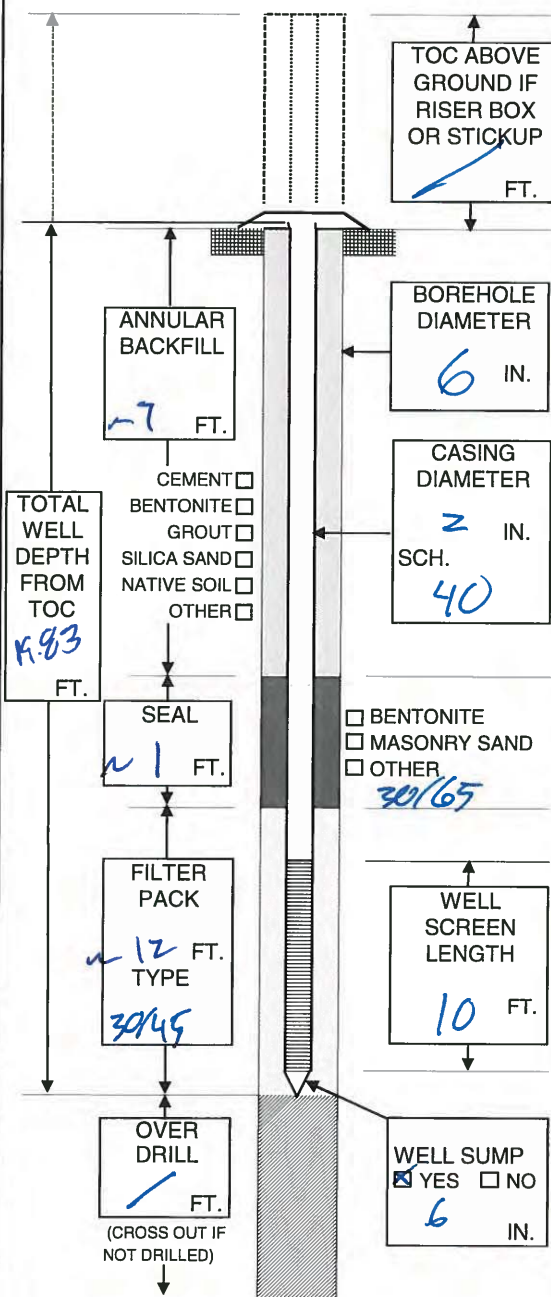
SEC:      TWN:      RGE:      LAT:      LONG:

DRILLING CO: ATI

DRILL CREW: Thao and Tony

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

## 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 0.036 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 ☐ OTHER  
 NUMBER OF DRUMS 19

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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS 12

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

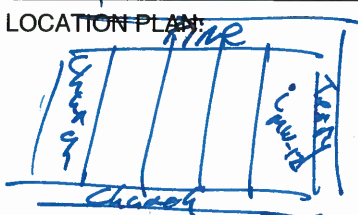
PERMIT NO:

DATE: 3/4/2014

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



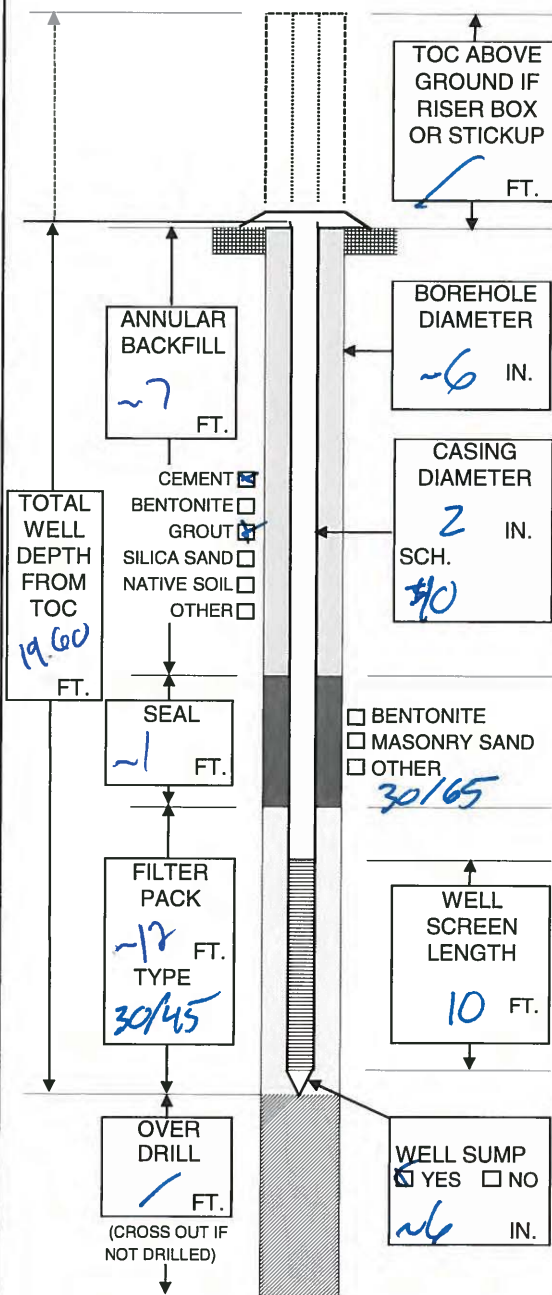
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Theo and Tony

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

## 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 ☐ OTHER  
 NUMBER OF DRUMS

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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS ~1/2

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

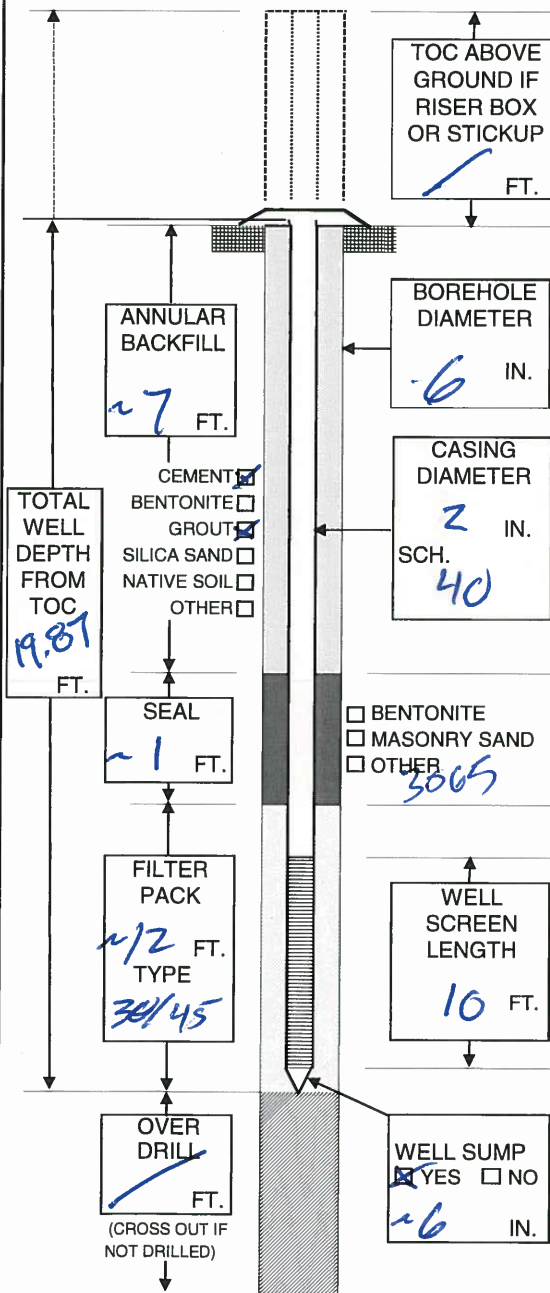
# MONITORING WELL CONSTRUCTION DATA

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

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

WELL SITE LOCATION PLAN: Plan  
SEC: TWN: RGE: LAT: LONG:  
DRILLING CO: ATI  
DRILL CREW: Three and Jeff  
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 ☐ OTHER NUMBER OF DRUMS 1/3

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 ☐ TREATED ☐ POTW ☐ OTHER NUMBER OF DRUMS 1/2

WATER LEVEL: INITIAL 13.01 FT ☒ BTOC ☐ BLS

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

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

PREPARED BY: A. Foster



# MONITORING WELL CONSTRUCTION DATA

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

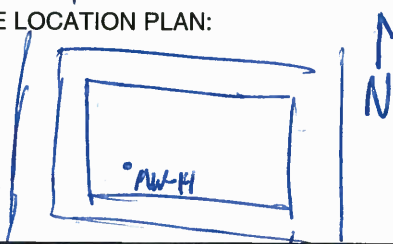
PERMIT NO:

DATE: 3/5/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



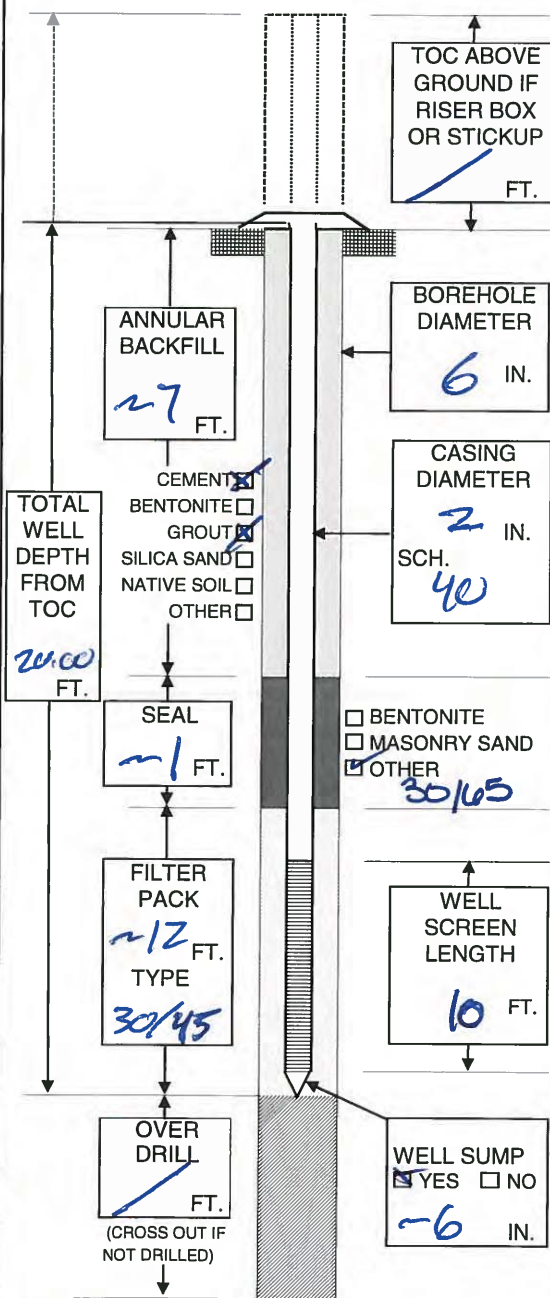
SEC: TWN: RGE: LAT: LONG:

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.

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

CUTTINGS: ☒ DRUMMED ☐ SPREAD NUMBER OF DRUMS 13

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: M10-15/1-7

PERMIT NO:

DATE: 3/7/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: ↑ N 1015

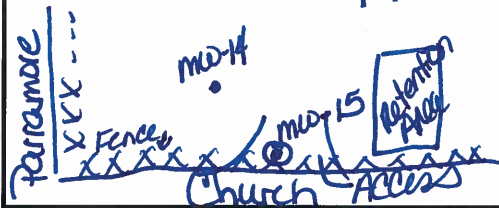
SEC:

TWN:

RGE:

LAT:

LONG:

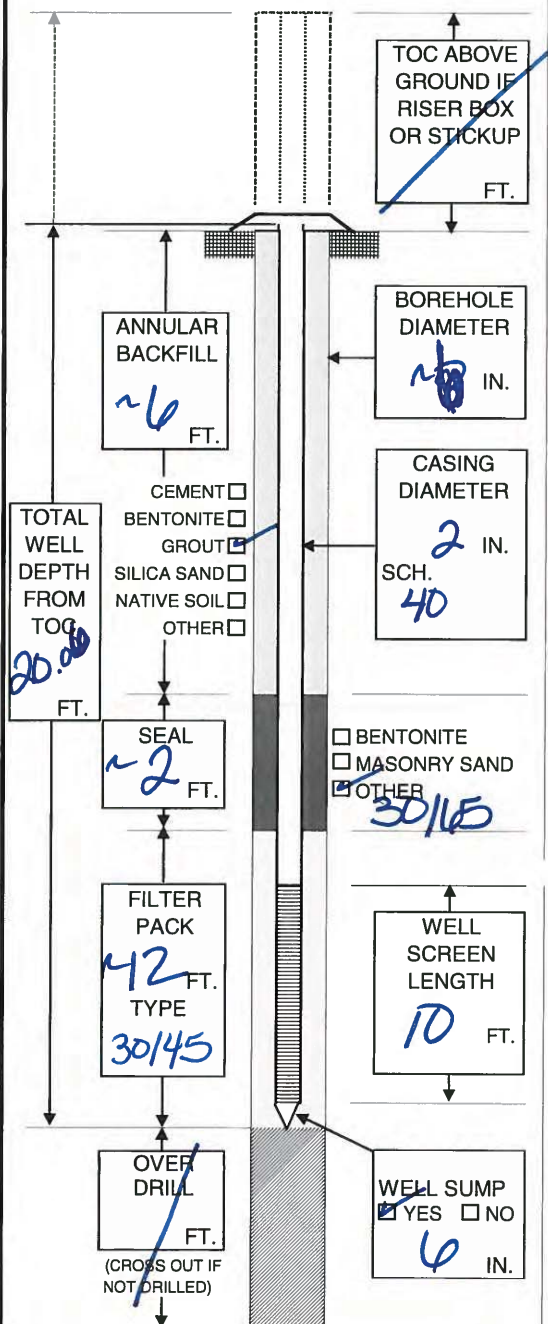


DRILLING CO: ATI

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 ☐ 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 locking manhole coverz

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 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 Sl. petro.

DEVELOPMENT ☒ DRUMMED NUMBER OF DRUMS

WATER: ☐ SPREAD ☐ TREATED ☐ POTW ☐ OTHER

WATER LEVEL: INITIAL 11.46 FT ☒ STOC ☐ 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-116/K-10

PERMIT NO:

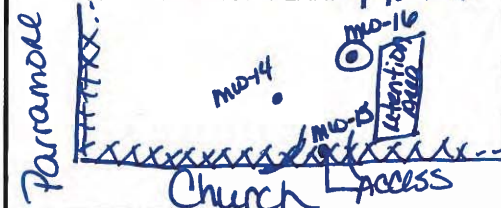
DATE: 3/7/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: ↑ N D.T.S.

SEC: TWN: RGE: LAT: LONG:

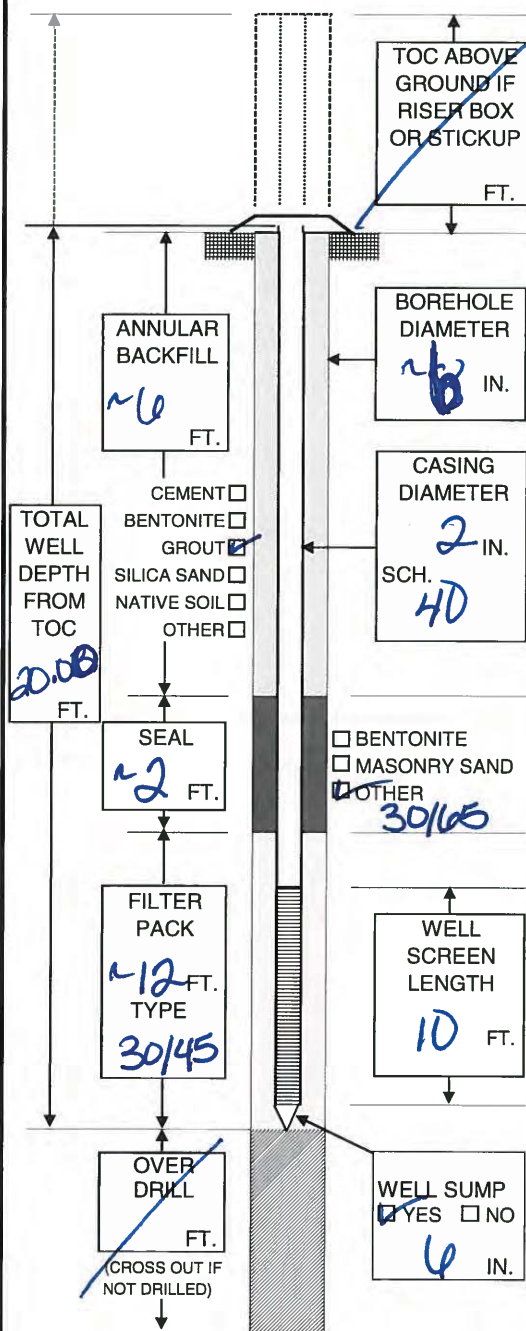


DRILLING CO: ATI

DRILL CREW: Thed (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 ☐ OTHER NUMBER OF DRUMS ~1

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 ☐ SPREAD ☐ TREATED ☐ POTW ☐ OTHER NUMBER OF DRUMS

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: [Signature]



# 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.

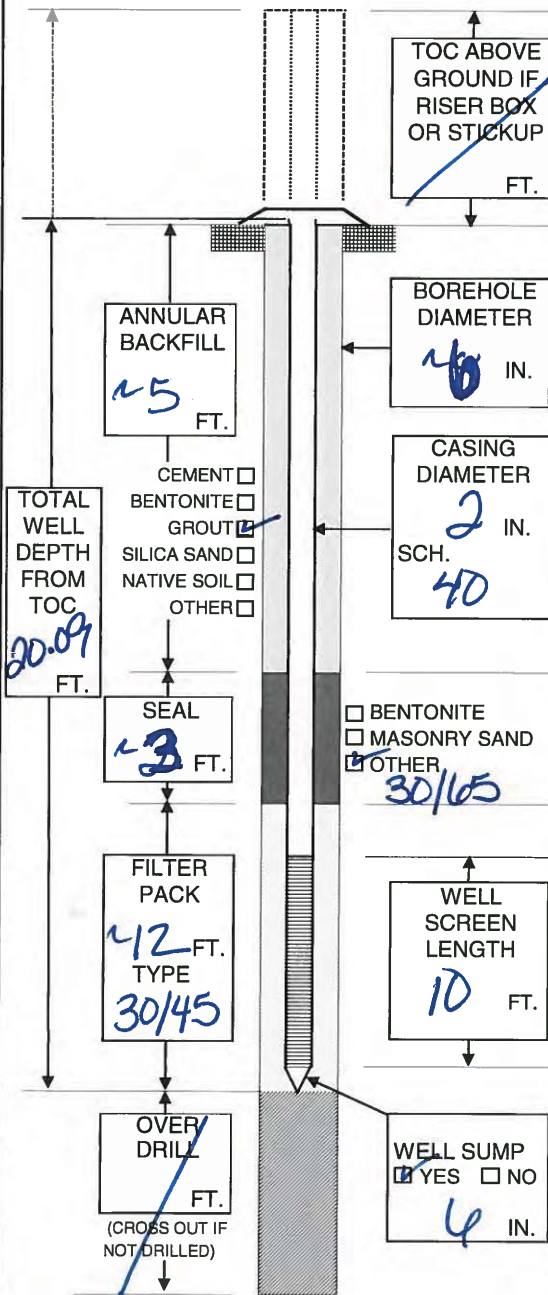
SEC: TWN: RGE: LAT: LONG:

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 ☐ OTHER NUMBER OF DRUMS 3/4

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 ☐ TREATED ☐ POTW ☐ OTHER NUMBER OF DRUMS 1

WATER LEVEL: INITIAL 1137 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-18/J-10  
 PERMIT NO:

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

WELL SITE LOCATION PLAN: MW-18 Church St Terry Ave N

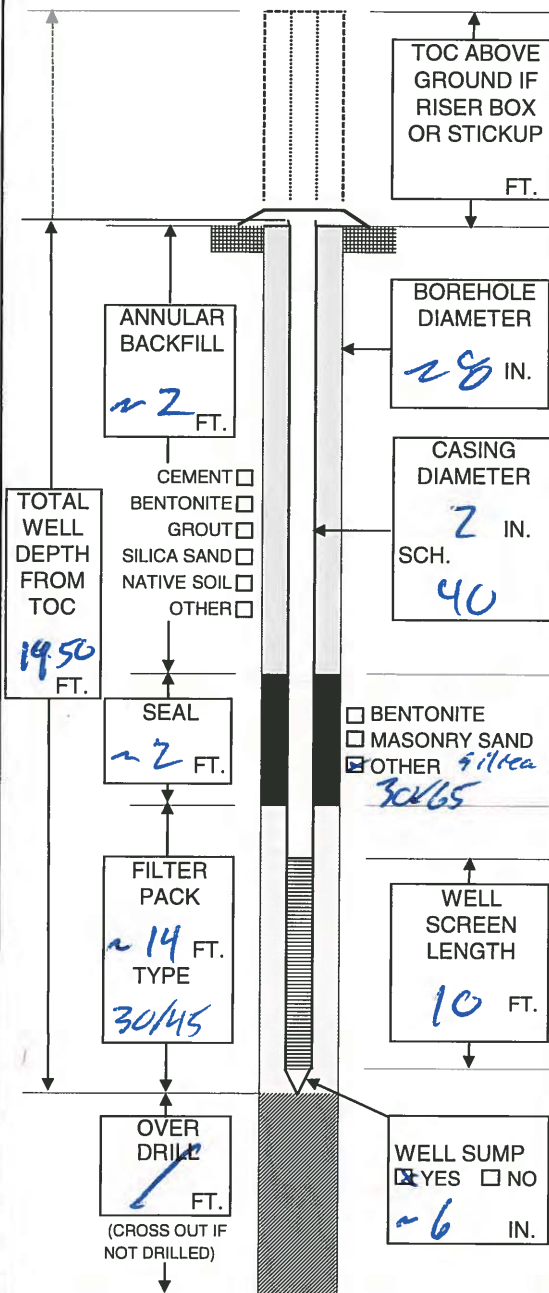
SEC: TWN: RGE: LAT: LONG:

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.

PAD: ☒ 2'X2' ☐ 4'X4' ☐ OTHER

CUTTINGS: ☒ DRUMMED ☐ SPREAD ☐ OTHER  
 NUMBER OF DRUMS ~15

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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS 13

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: mw-19

PERMIT NO:

DATE: 5/6/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: TN N.T.S.

SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

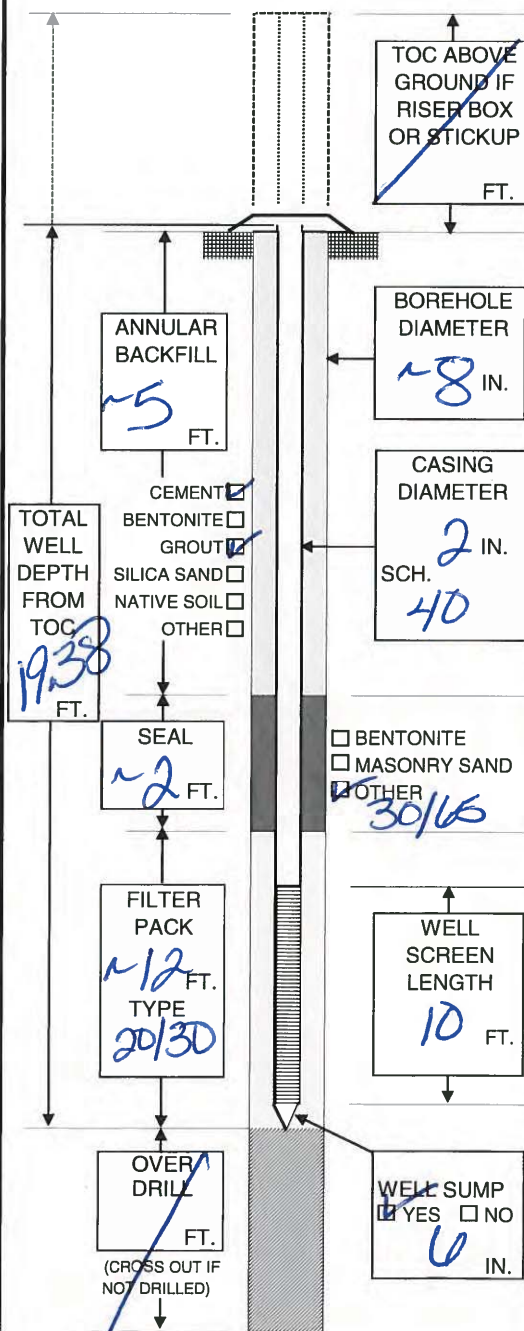
DRILL CREW: Theo (Driller) Bobby (Helper)

WELL TYPE: ☒ SHALLOW ☒ SINGLE Cased ☒ MONITORING  
☒ PERMANENT ☐ INTERMEDIATE ☐ DOUBLE Cased ☐ RECOVERY  
☐ TEMPORARY ☐ DEEP ☐ OTHER ☐ OTHER

Church prop  
Parking

mw-10 (existing)  
@mw-19  
Asphalt  
Church St.

## 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.

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 MIN  
 AMOUNT: ☐ 5 GAL ☐ 10 GAL ☒ OTHER 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 19

WATER LEVEL: INITIAL 11.1 FT. ☒ BTWC ☐ BLS

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

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

PREPARED BY: JA



# 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: 110 N.T.S

SEC: TWN: RGE: LAT: LONG:

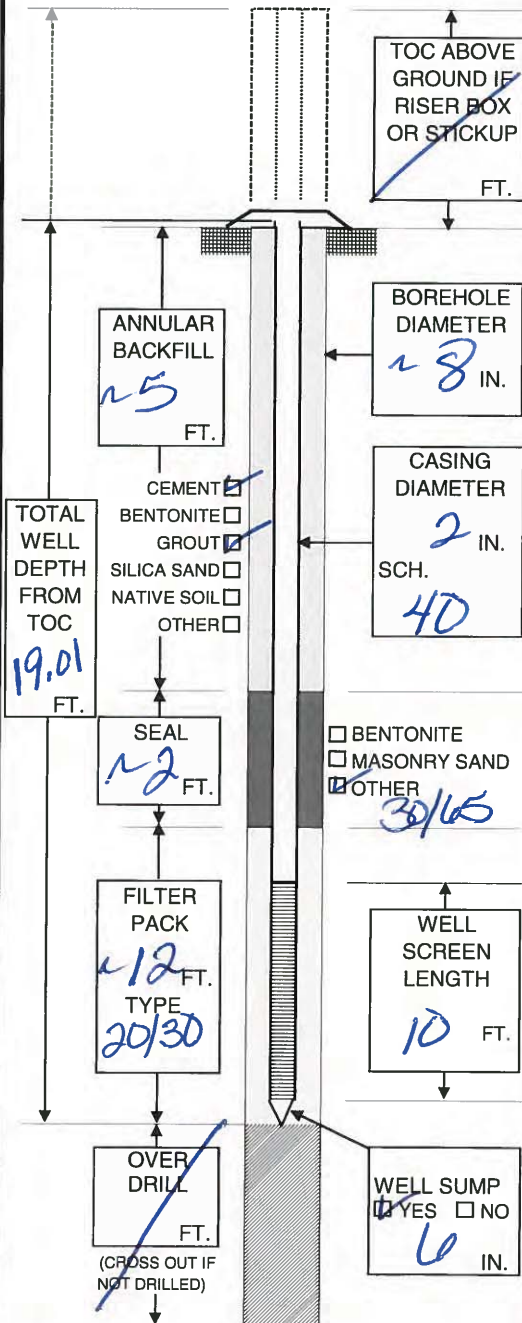
DRILLING CO: ATI

DRILL CREW: Theo (Driller) Bobby (Helper)

WELL TYPE: ☒ SHALLOW ☒ SINGLE Cased ☒ MONITORING  
☒ PERMANENT ☐ INTERMEDIATE ☐ DOUBLE Cased ☐ RECOVERY  
☐ TEMPORARY ☐ DEEP ☐ OTHER ☐ OTHER

Church St

## 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 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 ☐ TREATED ☐ POTW ☐ OTHER  
 NUMBER OF DRUMS 4

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

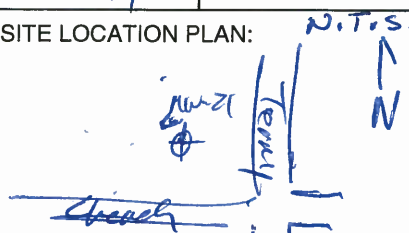
PERMIT NO:

DATE: 5/6/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



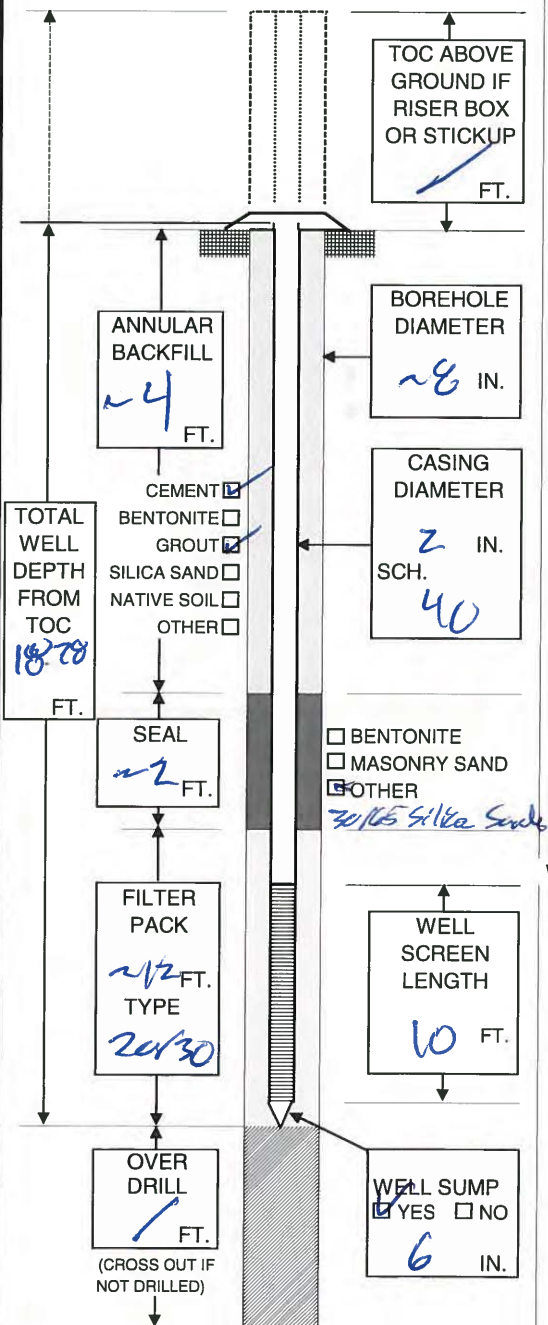
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Theo and Betty

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 1

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 14

☐ TREATED ☐ POTW ☐ OTHER

WATER LEVEL: INITIAL 11.46 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: NW-22

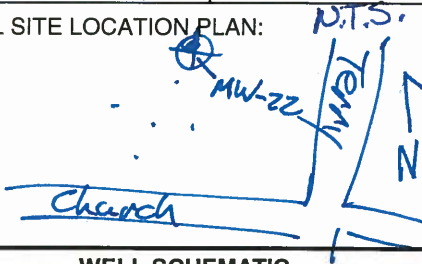
PERMIT NO:

DATE: 5-6-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



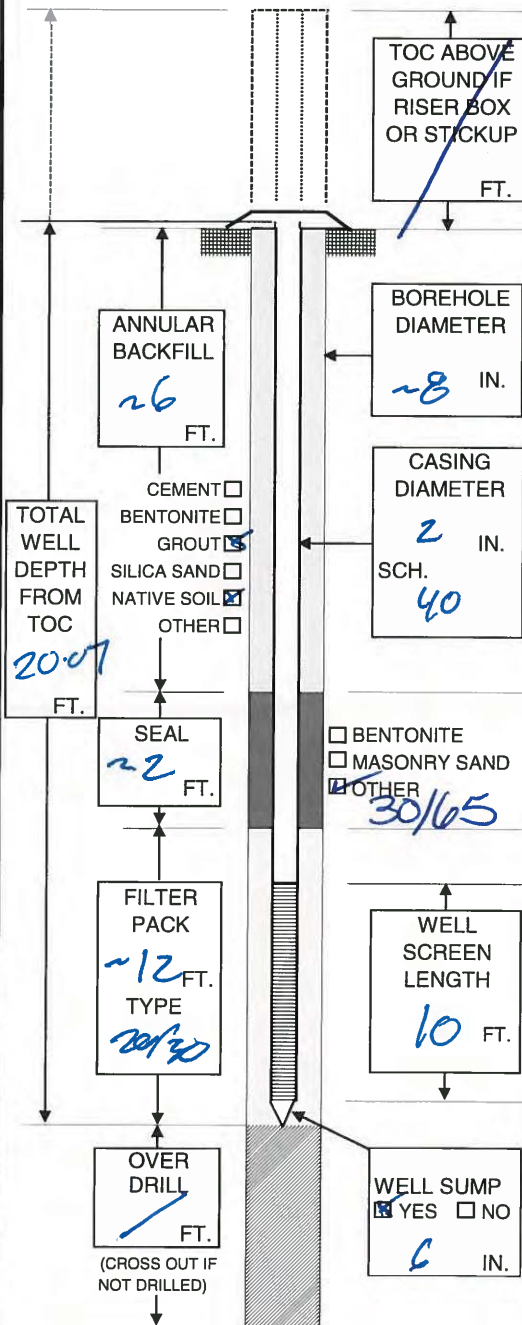
SEC: TWN: RGE: LAT: LONG:

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 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 14  
☐ 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:

Andy Roark



# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: mw-23

PERMIT NO:

DATE: 5/7/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: 10 NTS.

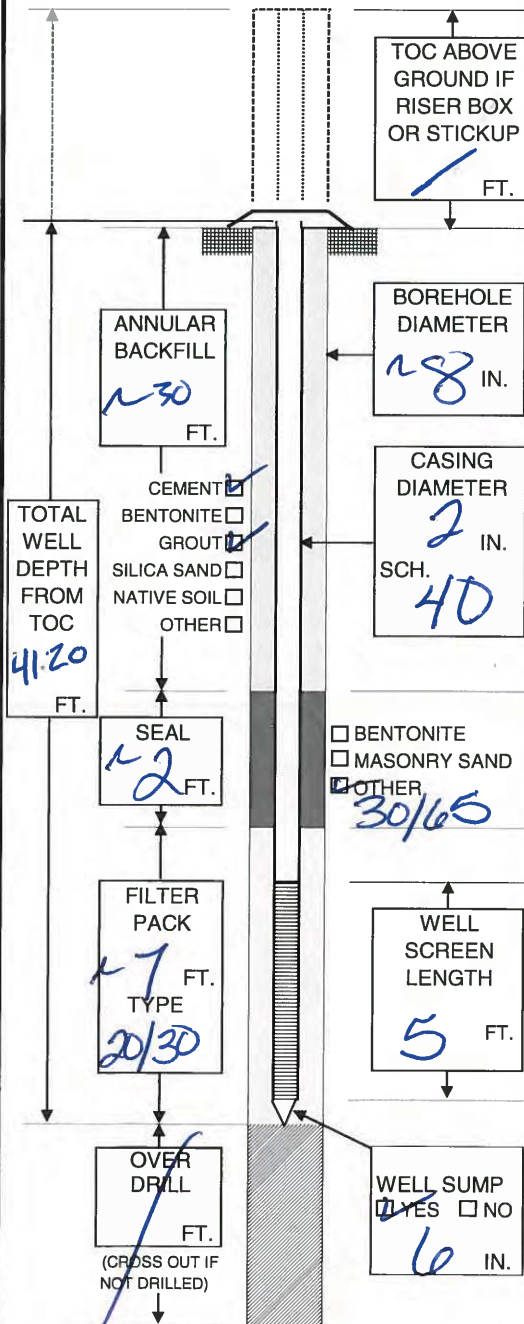
SEC: TWN: RGE: LAT: LONG:

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

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

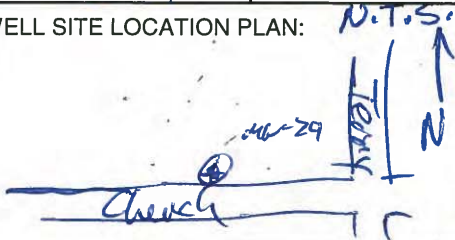
PERMIT NO:

DATE: 5-8-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



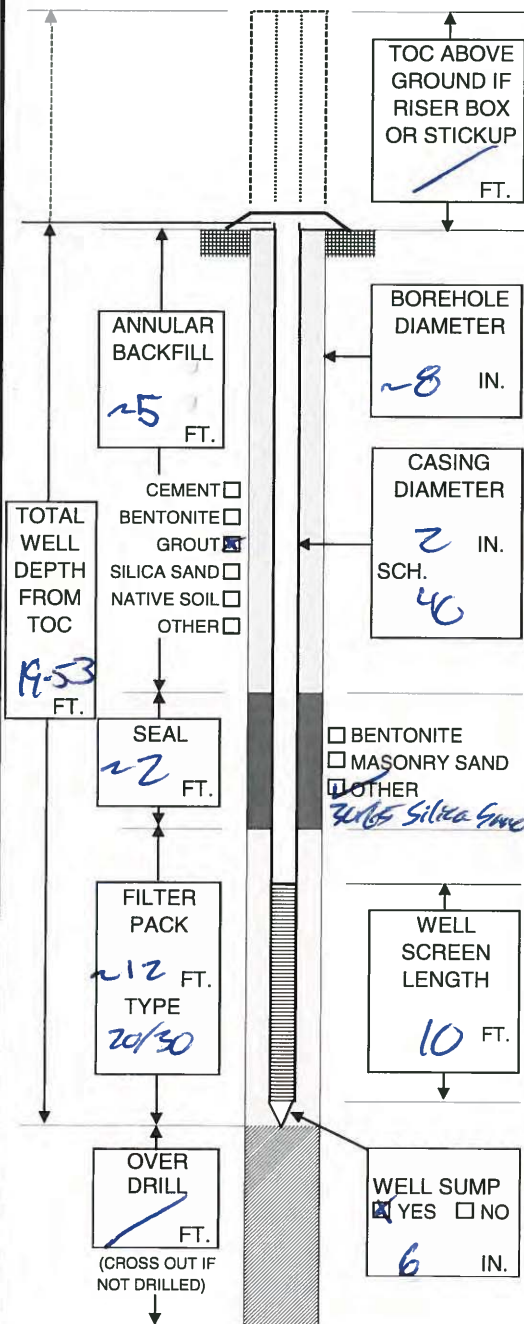
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Tim 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 ☐ 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 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 ☒ DRUMMED NUMBER OF DRUMS 2/3

WATER: ☐ 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

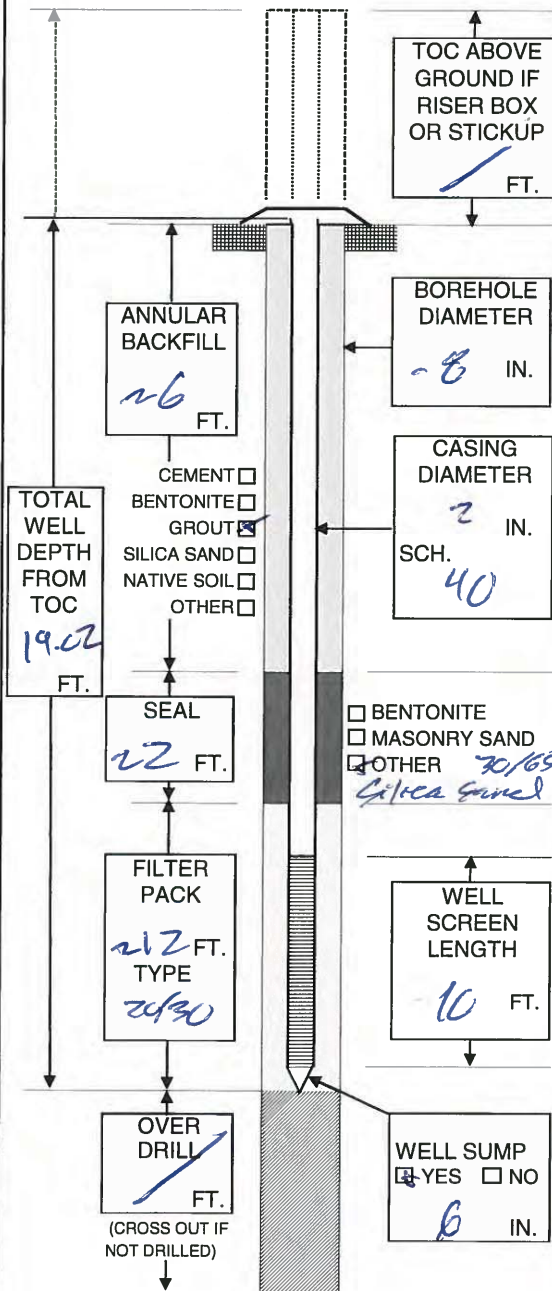
# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-25  
 PERMIT NO:

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

WELL SITE LOCATION PLAN: Central 10.15 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 20 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 \_\_\_\_\_

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: M-26

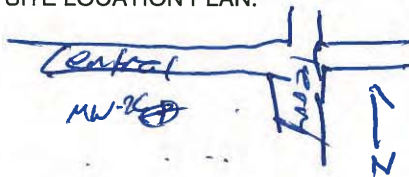
PERMIT NO:

DATE: 5-8-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



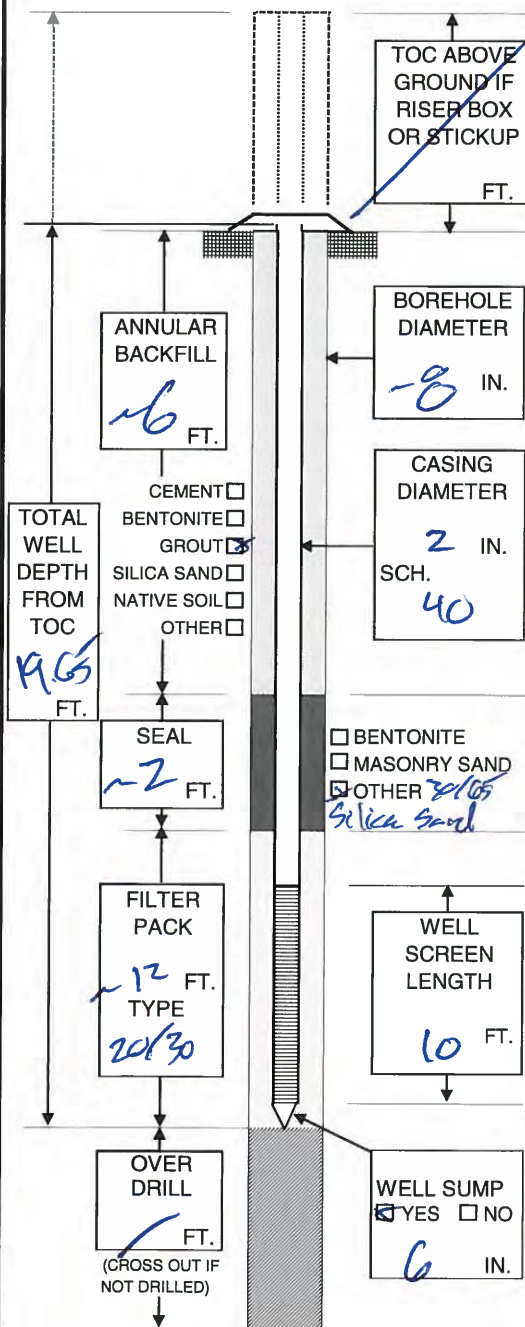
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Tim 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 ☐ 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 ☐ SPREAD NUMBER OF DRUMS 1

DEVELOPMENT ☐ NONE ☐ BAILING ☒ PUMPING ☐ AIR LIFT

METHOD: ☐ 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 Slk Ref

DEVELOPMENT ☐ DRUMMED ☐ SPREAD NUMBER OF DRUMS

WATER: ☐ 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

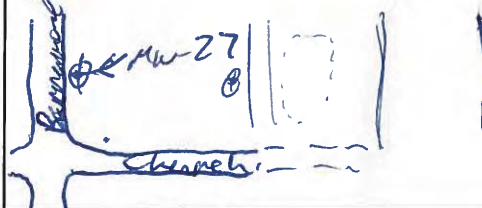
PERMIT NO:

DATE: 5-8-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: N.T.S.



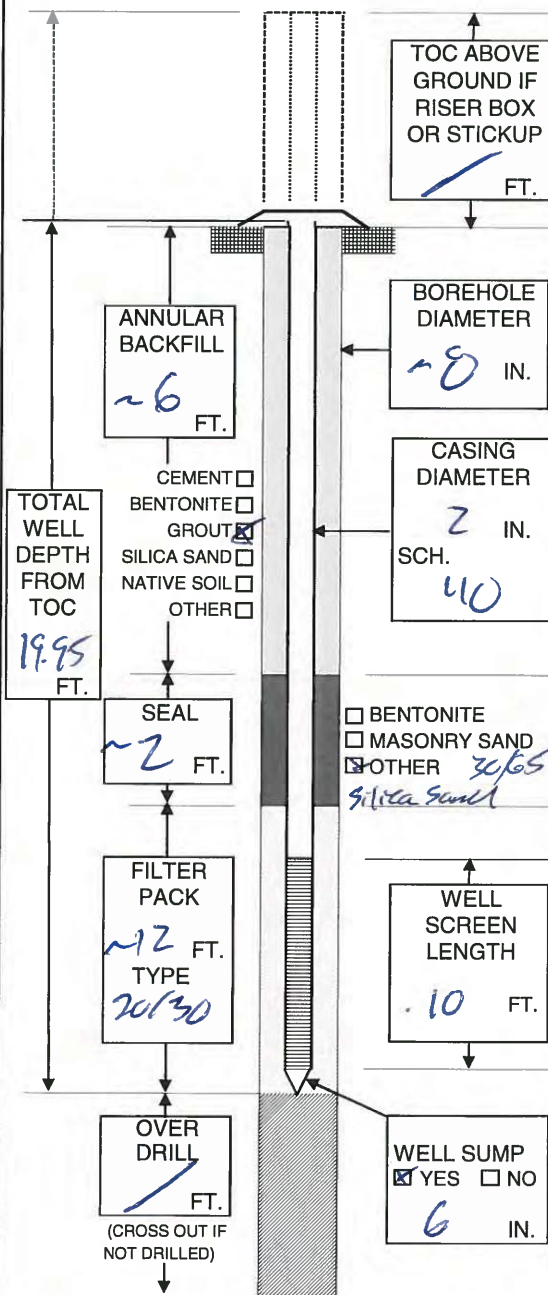
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Ther 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.

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. Prof.

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:

Amel Reeski

# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-28

PERMIT NO:

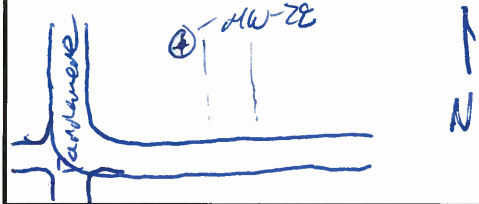
DATE: 5-8-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN: N.T.S.

SEC: TWN: RGE: LAT: LONG:

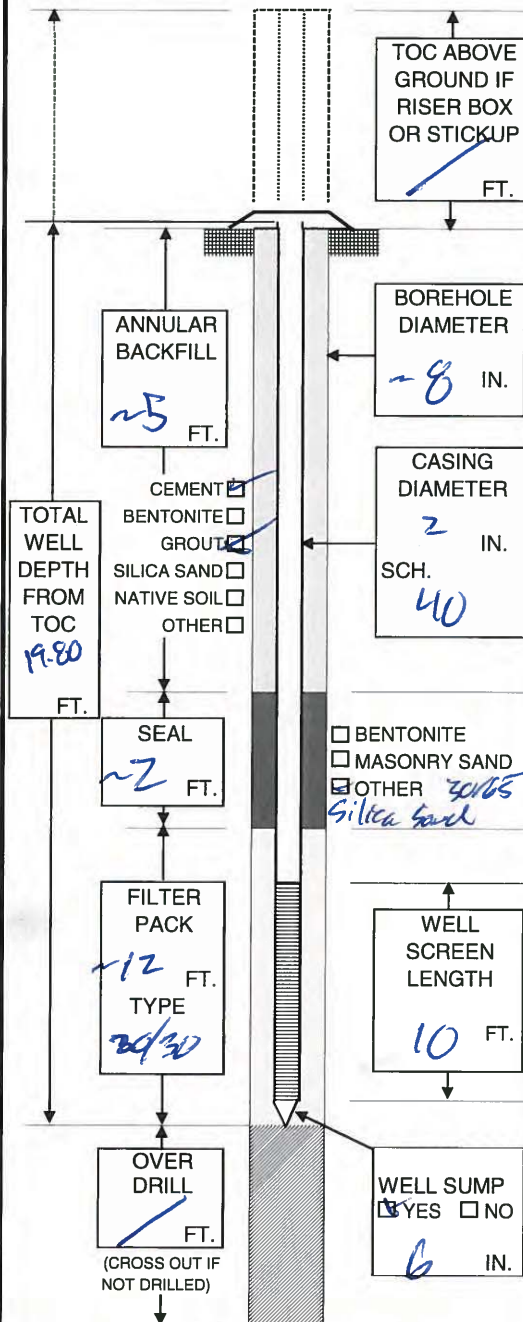


DRILLING CO: ATI

DRILL CREW: Three and Bobby

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

## 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 ☐ 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 ☐ SPREAD NUMBER OF DRUMS 1

DEVELOPMENT ☐ NONE ☐ BAILING ☒ PUMPING ☐ AIR LIFT

METHOD: ☐ 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 ☐ DRUMMED ☐ SPREAD NUMBER OF DRUMS

WATER: ☐ 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



# MONITORING WELL CONSTRUCTION DATA

WELL/BORING NO: MW-29

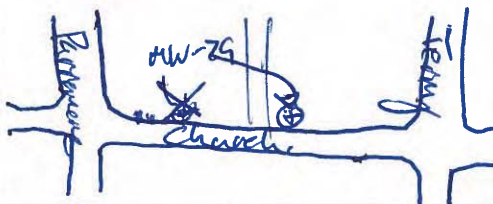
PERMIT NO:

DATE: 5-8-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



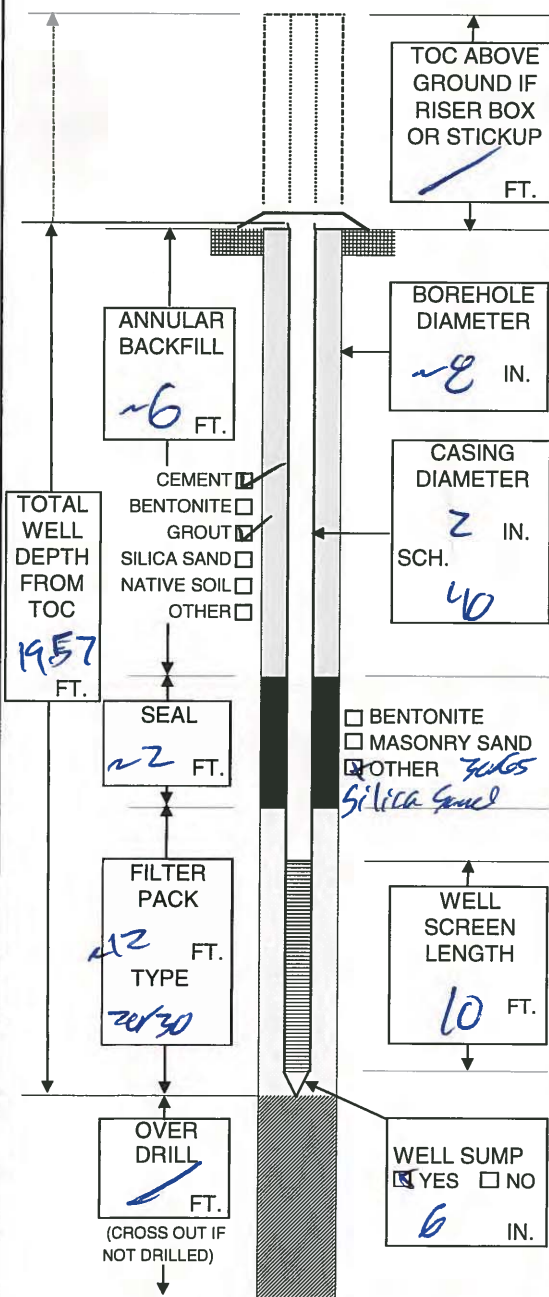
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATT

DRILL CREW: Three and Betty

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

WATER LEVEL: INITIAL 11.58 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-30

PERMIT NO:

DATE: 5/9/14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



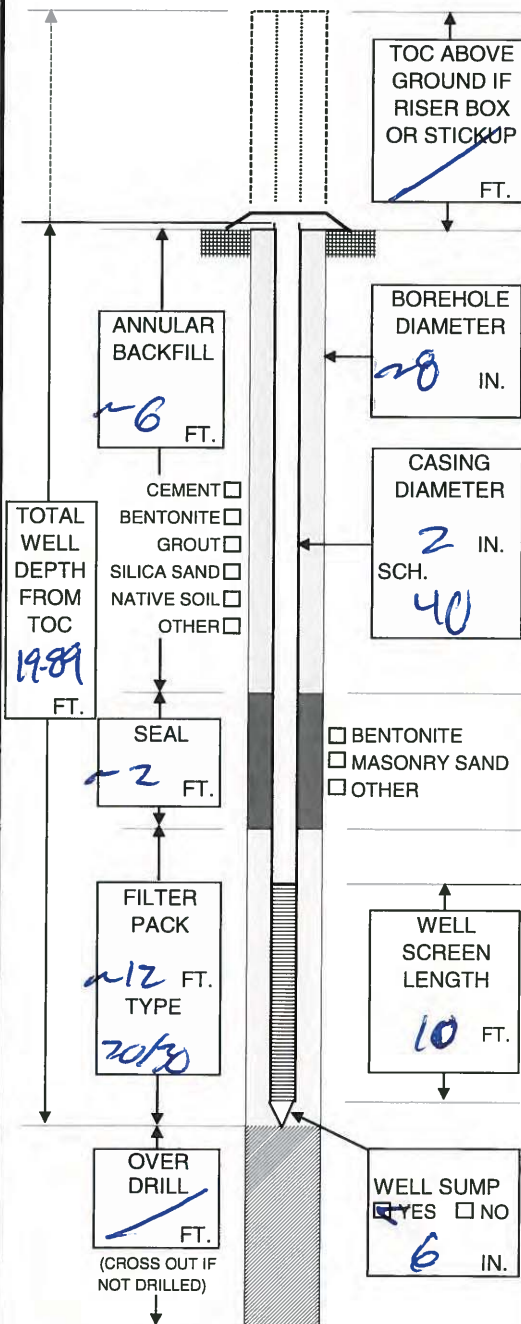
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Chad and Bobby

WELL TYPE: ☒ SHALLOW ☒ SINGLE Cased ☒ MONITORING  
☒ PERMANENT ☐ INTERMEDIATE ☐ DOUBLE Cased ☐ RECOVERY  
☐ TEMPORARY ☐ DEEP ☐ OTHER ☐ OTHER

## 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 ☐ 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 ☐ SPREAD NUMBER OF DRUMS 1

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. POT.

DEVELOPMENT ☒ DRUMMED ☐ SPREAD NUMBER OF DRUMS 1/3

WATER: ☐ TREATED ☐ POTW ☐ OTHER

WATER LEVEL: INITIAL 11.92 FT. ☒ BTOT ☐ 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

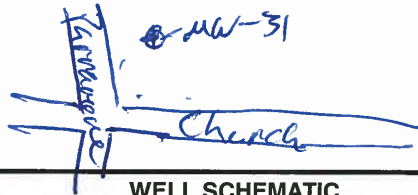
PERMIT NO:

DATE: 5-13-14

PROJECT NAME: City Soccer

PROJECT NO: 06631995

WELL SITE LOCATION PLAN:



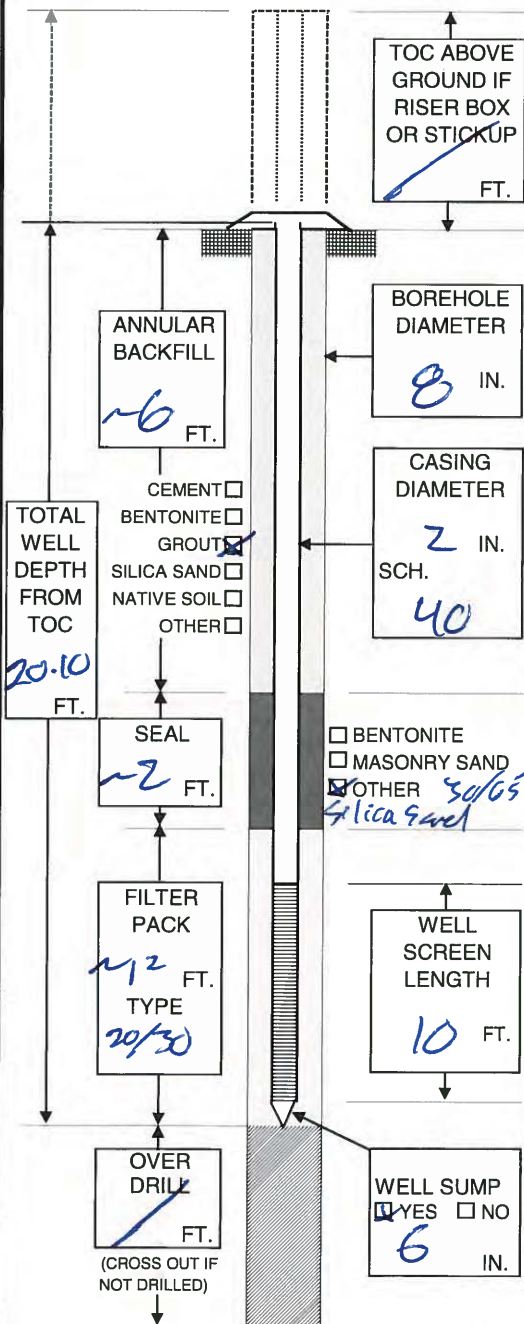
SEC: TWN: RGE: LAT: LONG:

DRILLING CO: ATI

DRILL CREW: Charles Paul

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

## 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 ☐ 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 ☐ SPREAD ☐ OTHER NUMBER OF DRUMS 1

DEVELOPMENT ☐ NONE ☐ BAILING ☒ PUMPING ☐ AIR LIFT  
 METHOD: ☐ 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 ☒ 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: 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

Date: 3/4/14

10/2013

Meter #: 11J100851

Box "X" this box is qualified data on this page

Dissolved 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	DVK	3/4/14	0837	7.34	—	9.11	23.6	107.4	8.41	P
CAL	CCV			0839	7.34	—	8.49	23.6	100.1	8.41	F
CAL	CCV			0839	7.34	—	8.55	23.6	120.7	8.41	F
CAL	CCV			1603	—	—	6.72	27.4	84.9	7.96	P
CAL	CCV										F
CAL	CCV										F

Specific Conductance	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	DVK	3/4/14	0833	1413	10/14	3A0456	—	4.83	1445	P
CAL	CCV			1606	—	—	—	—	—	1373	P
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	CCV	DVK	3/4/14	0826	7.00	12/14	2A1203	—	178.6	6.92	P
CAL	CCV			0830	10.00	12/14	2A1129	—	175.6	10.15	F
CAL	CCV			0836	4.00	12/14	2A1144	—	162.6	3.92	F
CAL	CCV			1617	7.00	12/14	2A1203	—	179.6	6.96	F
CAL	CCV			1621	10.00	12/14	2A1123	—	179.6	10.19	F
CAL	CCV			1613	4.00	10/14	2A1488	—	165.4	3.96	F
CAL	CCV										F
CAL	CCV										F
CAL	CCV										F

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

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

✓ = out of cal page.

1 /

# 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.

Dissolved 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		AB	3/11/14	1040	—	0.815	7.25	22.50	83.9	7.827 0.578	P
CAL CCV		AB	3/11/14	1041	—	0.815	8.06	22.56	100.0	8.578	F
CAL CCV		AB	3/11/14	1044	—	0.815	8.69	22.49	100.3	8.743	F
CAL CCV		AB	3/11/14	1746	—	0.815	8.99	22.10	99.4	7.862	F
CAL CCV											F
CAL CCV											F

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or (µS/cm) (25°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL CCV		AB	3/11/14	1131	1413	10/14	3AJ1156	—	0.88	1414	P
CAL CCV		AB	3/11/14	1808	1413	10/14	3AJ1156	—	0.97	1433	P
CAL CCV											F
CAL CCV											F
CAL CCV											F
CAL CCV											F
CAL CCV											F
CAL CCV											F

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL CCV		AB	3/11/14	1050	7.00	12/14	2AL203	62.4	—	7.11	P
CAL CCV		AB	3/11/14	1059	4.00	10/14	2AD406	213.4	151.0	4.59	P
CAL CCV		AB	3/11/14	1111	10.00	12/14	2AL177	76.8	—	7.00	P
CAL CCV		AB	4	1120	7.00	12/14	2AL203	271.8	145.0	4.19	F
CAL CCV		AB	11	1124	4.00	10/14	2AD406	-92.1	-168.9	8.94	F
CAL CCV		AB	11	1126	10.00	12/14	2AL177	73.8	—	6.94	F
CAL CCV		AB	11	1128	7.00	12/14	2AL203	28.2	144.4	4.18	F
CAL CCV		AB	4	1130	4.00	10/14	2AD406	-94.6	-123.6	8.94	F

Maintenance: Weekly pH Slope: —

Dissolved Oxygen Membrane Changed: Yes No

Specific Conductance Probe Cleaned? Yes No

Notes:

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:

J = out of cal range



# 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 06/28/13

Date: 3/11/14

Meter # CHFI1467AF

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

Dissolved 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	CCV	3/11/14	0954	—	—	10.13	18.54	108.3	7.3	P
CAL	ICV	CCV	11	0956	—	—	9.37	18.104	99.8	4.3	P
CAL	ICV	CCV	11	0958	—	—	9.29	18.494	99.5	4.3	P
CAL	ICV	CCV	11	1743	—	—	1.50	18.93	14.0	8.0	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

Specific Conductance	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	ICV	CCV	3/11/14	1002	1413	10/14	3A5456	—	4.75	1320	P
CAL	ICV	CCV	11	1003	11	11	11	—	5.5	1413	P
CAL	ICV	CCV	11	1004	11	11	11	—	5.5	1413	P
CAL	ICV	CCV	11	1746	11	11	11	—	5.5	1396	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	ICV	CCV	3/11/14	1010	7.00	12/14	2A4203	8.5	-143.2	7.00	P
CAL	ICV	CCV	11	1011	11	11	11	8.5	-143.3	7.00	P
CAL	ICV	CCV	11	1014	4.00	10/14	2A5488	134.7	-143.2	4.00	P
CAL	ICV	CCV	11	1015	11	11	11	134.8	-143.3	4.00	P
CAL	ICV	CCV	11	1025	10.00	12/14	2A4172	155.3	140.8	10.00	P
CAL	ICV	CCV	11	1026	11	11	11	155.3	140.8	10.00	P
CAL	ICV	CCV	11	1748	7.00	12/14	2A4203	138.1	-150.1	7.00	P
CAL	ICV	CCV	11	1751	4.00	10/14	2A5488	138.0	-150.1	7.00	P
CAL	ICV	CCV	11	1756	10.00	12/14	2A4172	102.7	150.6	10.00	P

Maintenance: Weekly pH Slope: used w/2100P Turbidimeter #04060030379  
 Notes: Specific Conductance Probe Cleaned? Yes (No) Dissolved Oxygen Membrane Changed: Yes (No)  
 J=Out of Calibration Verification

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

Meter #: 046-11889 AM

Date: 4/1/2014

Temperature (Quarterly) For Date of Last Temperature Verification see 3-24-14

Dissolved 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
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CAL	CCV	dl	4/1/14	10:33	—	0.932	7.84	25.40	95.6	8.203	P
CAL	ICV	dl	4/1/14	14:30	—	0.932	7.97	26.44	94.1	8.040	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 µS/cm (25°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
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CAL	CCV	dl	4/1/14	10:40	1413	10/14	3A27456	—	0.28	1474	P
CAL	ICV	dl	4/1/14	12:03	1413	10/14	3A27456	—	0.28	1546	P
CAL	ICV										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
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CAL	CCV	dl	4/1/14	10:38	3.00	12/14	2A1203	21.1	—	6.96	P
CAL	ICV	dl	4/1/14	10:43	4.00	12/14	2A1708	18.9	15.8	11.98	P
CAL	ICV	dl	4/1/14	10:45	10.00	12/14	2A1222	148.4	170.0	10.00	P
CAL	ICV	dl	4/1/14	10:55	2.00	12/14	2A1203	18.8	—	7.00	P
CAL	ICV	dl	4/1/14	11:58	4.00	12/14	2A1708	182.4	161.6	4.11	P
CAL	ICV	dl	4/1/14	12:08	10.00	12/14	2A1222	147.4	166.2	9.97	P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P

Maintenance: Weekly pH Slope: — Specific Conductance Probe Cleaned? Yes ☒ Dissolved Oxygen Membrane Changed: Yes ☒

✓ cut 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: 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

Dissolved 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 CCV	20	5/8/14	0824	1154	NA	0.997	8.17	25.95	100.0	8.11	P
CAL ICV CCV	20					0.997	7.28	32.46	100.4	7.30	P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard umhos/cm or uS/cm (at 25°C)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL ICV CCV	20	5/8/14	0828	1410	1413	10/14	3A5456	NA	5.2	1463	P
CAL ICV CCV	20				1413	10/14	3A5456		5.2	1463	P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											P

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL ICV CCV	20	5/8/14	0830	1431	7.00	12/14	2A1203	-22.0	-152.00	7.03	P
CAL ICV CCV	20		0834		4.00	10/14	2A5458	120.00	-152.00	3.99	P
CAL ICV CCV	20		0840		16.00	12/14	2A1203	-176.4	-151.40	10.13	P
CAL ICV CCV	20		1215		7.00	12/14	2A1203	-18.1	-150.6	10.14	P
CAL ICV CCV	20		1428		4.00	10/14	2A5458	132.4	-150.6	4.01	P
CAL ICV CCV	20		1431		10.00	12/14	2A1203	-109.7	-151.0	4.03	P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											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

Temperature (Quarterly) For Date of Last Temperature Verification see 6/28/13

Date: 5/19/14

Meter #: 04F11467AF

Box "X" this box if there is qualified data on this page

Dissolved 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
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CAL	ICV	CCV	5/19/14	0815	NA	0.997	8.10	25.64	100.9	8.17	P
CAL	ICV	CCV	5/19/14	0818	-	0.991	8.25	25.60	100.9	8.18	P
CAL	ICV	CCV	5/19/14	0819	-	0.991	8.24	25.56	100.8	8.18	P
CAL	ICV	CCV	5/19/14	1638	-	0.994	8.07	38.56	92.7	6.62	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

Specific Conductance	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
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CAL	ICV	CCV	5/19/14	0820	1413	10/14	3A3456	NA	5.2	1451	P
CAL	ICV	CCV	5/19/14	0821	"	"	"	"	5.1	1413	P
CAL	ICV	CCV	5/19/14	0822	"	"	"	"	5.1	1413	P
CAL	ICV	CCV	5/19/14	1649	"	"	"	"	5.1	1631	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
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CAL	ICV	CCV	5/19/14	0825	7.00	12/14	2A1203	-28.1	-152.5	7.16	P
CAL	ICV	CCV	5/19/14	0827	4.00	10/14	2A1488	124.4	-152.5	4.18	P
CAL	ICV	CCV	5/19/14	0830	10.00	12/14	2A1222	-180.2	-152.1	10.19	P
CAL	ICV	CCV	5/19/14	1657	2.00	12/14	2A1203	-23.0	-150.1	7.08	P
CAL	ICV	CCV	5/19/14	1659	4.00	10/14	2A1488	127.1	-150.1	4.12	P
CAL	ICV	CCV	5/19/14	1641	10.00	12/14	2A1222	-166.0	-153	9.91	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

Maintenance: Weekly pH Slope: 1 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

V = out of cal range



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

Project Name and No.: City Soccer / 06631995

Date: 5-12-14

Meter #: 1101008201

Temperature (Quarterly) For Date of Last Temperature Verification see 5-6-13

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

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
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CAL	CCV	AB	5-12-14	1049	1.1	—	7.51	30.3	95.8	7520	P
CAL	ICV	AB	5-12-14	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
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CAL	CCV	AB	5-12-14	1058	1413	10/14	3A12455	—	0.92	1467	P
CAL	ICV	AB	5-12-14	1514	1413	6/14	3A12455	—	0.93	1453	P
CAL	ICV										P
CAL	ICV										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
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CAL	CCV	AB	5-12-14	1051	7.00	12/14	2A12423	-16.2	175.00	6.92	P
CAL	ICV	AB		1054	4.00	10/14	2A12488	190.5	166.7	4.04	P
CAL	ICV	AB		1059	10.00	12/14	2A12427	-19.2	175.00	4.53	P
CAL	ICV	AB		1505	7.00	12/14	2A12403	-19.2	176.8	6.97	P
CAL	ICV	AB		1507	4.00	10/14	2A12488	198.3	167.5	4.09	P
CAL	ICV	AB		1513	10.00	12/14	2A12422	-195.4	176.2	9.99	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 #: 04F11462 AF

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

Temperature (Quarterly) For Date of Last Temperature Verification see

Dissolved 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	dd	5-15-14	0928	—	0.91	7.38	28.52	95.5	7.38	P
CAL	ICV	dd	5-15-14	1036	—	0.91	7.35	30.53	97.9	7.35	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 (circle)	Exp. Date	Lot #	Bottle #	Cell Constant	Reading umhos/cm	Pass or Fail
CAL	CCV	dd	5-15-14	0942	1413	10/14	3A07456	—	5.00	1473	P
CAL	ICV	dd	5-15-14	1047	1413	10/14	3A07456	—	—	1443	P
CAL	ICV										P
CAL	ICV										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	CCV	dd	5-15-14	0936	7.00	12/14	2AL203	-26.5	—	7.18	P
CAL	ICV	dd	"	0946	4.00	12/14	2AL203	-175.4	151.9	4.09	P
CAL	ICV	dd	"	0941	10.00	12/14	2AL203	-161.8	143.3	9.98	P
CAL	ICV	dd	"	1041	2.00	12-14	2AL203	-24.4	150.0	7.08	P
CAL	ICV	dd	"	1042	4.00	10/14	2AL203	125.6	—	4.10	P
CAL	ICV	dd	"	1044	6.00	12/14	2AL203	-174.1	196.5	10.05	P
CAL	ICV										P
CAL	ICV										P
CAL	ICV										P

Maintenance: Weekly pH Slope: —  
Notes:

Dissolved Oxygen Membrane Changed: Yes ☒ No

Specific Conductance Probe Cleaned? 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



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

PSI PROJECT NO: 06631995

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

Standard B	52.6	1	1
Standard C	507	1	1

[illegible]



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

PSI PROJECT NO: 06631995

INSTRUMENT # 201005099

☐ TEMPERATURE    ☐ CONDUCTIVITY    ☐ SALINITY    ☐ pH    ☐ ORP  
☒ TURBIDITY    ☐ RESIDUAL CI    ☐ DO    ☐ OTHER \_\_\_\_\_

Standard A ProCal, 0.02 NTU, September 2014 (Exp)

Standard B ProCal, 10.0 NTU, April 2014 (Exp.)

Standard C ProCal 1,000 NTU, September 2014 (Exp.)

[illegible]

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

PSI PROJECT NO: 06631995

INSTRUMENT # 040600036379

☐ ORP

☐ OTHER

Standard C NALH SDS NTU

PSI Revision Date: June 20, 2011

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

PSI PROJECT NO: 06631995

INSTRUMENT # 201605099

☐ TEMPERATURE    ☐ CONDUCTIVITY    ☐ SALINITY    ☐ pH    ☐ ORP  
☒ TURBIDITY    ☐ RESIDUAL Cl    ☐ DO    ☐ OTHER \_\_\_\_\_

Standard A	0.02	NTU	Exp	9/20/14	Lot #	20905
Standard B	10.0	NTU	Exp	9/20/14	Lot #	20932
Standard C	1000	NTU	Exp	9/20/14	Lot #	20933

[illegible]



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

PSI PROJECT NO: 06631995

21007 Turbidimeter

INSTRUMENT # 030500031100

☐ TEMPERATURE  
☒ TURBIDITY

- ☐ CONDUCTIVITY
- ☐ RESIDUAL Cl

☐ SALINITY  
☐ DO

☐ pH  
☐ OTHER

☐ ORP

Standard A 6.04 NTU, HACH, EXP NA

Standard B 52.6 NTU, NACH, Exp NA

Standard C 507 NTU, HAc+, Exp NA

[illegible]

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

PSI PROJECT NO: 06631995

## 2106P Turbidimetry

0230500031100

☐ OBP☐ OTHER

Standard C 507 NTU, NACH, Exo NA

[illegible]

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

PSI PROJECT NO: 06631995

INSTRUMENT # 0406 00036379

☐ ORP

☐ OTHER \_\_\_\_\_

Standard C 505 NTH " "

[illegible]





**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
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable) = (20.21 feet - 12.45 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) = 1.2 gallons + (0.13 gallons/foot X 14 feet) + 0.13 gallons = 2.4 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

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 = Bailer; 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	FILTER SIZE: — μm	
FIELD DECONTAMINATION: PUMP Y		TUBING Y	OTHER (specify): none	DUPLICATE: Y	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	8260VAP/10mL	RFP	~100
1	1	AG	1L	None	—	—	8270RAHS	APP	~303
1	1	AG	1L	HCL	LP	LP	FL-Pro	APP	1
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 = 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-2	SAMPLE ID: MW-2	DATE: 3/4/14

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <b>DK/PSZ</b>				SAMPLER(S) SIGNATURES: <b>[Signature]</b>			SAMPLING INITIATED AT: <b>1025</b>		SAMPLING ENDED AT: <b>1036</b>	
PUMP OR TUBING DEPTH IN WELL (feet): <b>~15</b>				TUBING MATERIAL CODE: <b>PE</b>		FIELD-FILTERED: <b>Y</b> Filtration Equipment Type: <b>WMO</b>		FILTER SIZE: <b>0</b> $\mu$ m		
FIELD DECONTAMINATION: PUMP <b>Y</b> TUBING <b>Y</b> (replaced) OTHER (specify) <b>WMO</b>				DUPPLICATE: <b>Y</b>		DUP. ID:				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED*	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
<b>mw-2</b>	<b>2</b>	<b>CG</b>	<b>40mL</b>	<b>HCL</b>	<b>LP</b>	<b>LP</b>	<b>6260VDA/VOH</b>		<b>RFPP</b>	<b>~100</b>
<b>1</b>	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>None</b>	<b>-</b>	<b>-</b>	<b>6270PAHS</b>		<b>APP</b>	<b>~265</b>
<b>1</b>	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>HCL</b>	<b>LP</b>	<b>LP</b>	<b>FLP.O</b>		<b>APP</b>	<b>1</b>
<b>1</b>	<b>1</b>	<b>PE</b>	<b>250mL</b>	<b>HNO3</b>	<b>LP</b>	<b>LP</b>	<b>4RCRA</b>		<b>APP</b>	<b>1</b>
5 WELL VOLUMES: <b>~5.6 gal</b>		REMARKS: <b>DO +/- 100% 1 = out of cal range</b> * Samples placed on ice subsequent to collection								
MATERIAL CODES:		<b>AG</b> = Amber Glass; <b>CG</b> = Clear Glass; <b>PE</b> = Polyethylene; <b>PP</b> = Polypropylene; <b>S</b> = Silicone; <b>T</b> = Teflon; <b>O</b> = Other (Specify)								
<b>SAMPLING/PURGING APP</b> = After Peristaltic Pump; <b>B</b> = Bailor; <b>BP</b> = Bladder Pump; <b>ESP</b> = Electric Submersible Pump; <b>PP</b> = Peristaltic Pump; <b>WM</b> = Water Level Meter										
<b>EQUIPMENT CODES:</b> <b>RFPP</b> = Reverse Flow Peristaltic Pump; <b>SM</b> = Straw Method (Tubing Gravity Drain); <b>VT</b> = Vacuum Trap; <b>O</b> = Other (Specify); <b>LP</b> = Lab Preserved										

Revision Date: February 12, 2009



**Form FD 9000-24**  
**GROUNDWATER SAMPLING LOG**

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: mw-3	SAMPLE ID: mw-3	DATE: 3/4/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10.45 feet to 20.45 feet	STATIC DEPTH TO WATER (feet): 13.10	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) = 20.45 feet - 13.10 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): ~15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~15	PURGING INITIATED AT: 1046	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons): ~1.7

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 or % 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 = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DUE/PSI		SAMPLER(S) SIGNATURES: [Signature]		SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1130
PUMP OR TUBING DEPTH IN WELL (feet): ~15		TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y	FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y		TUBING Y (replaced)	OTHER (specify): none		DUPPLICATE: Y

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	FL-PCD	APP	
	1	PE	250mL	HNO3	LP	LP	3PCRA	APP	1
	1	PE	250mL	HNO3	LP	LP	Iron	APP	

5 WELL VOLUMES: ~5.992L  
 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 = 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

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 1/4	WELL SCREEN INTERVAL DEPTH: 10.7 feet to 20.17	STATIC DEPTH TO WATER (feet):	1316	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)

$$= (20.17 \text{ feet} - 13.16 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.11 \text{ gallons}$$

**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 = 128 fl. oz.)

NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~15	~15	1330	1354	~1.6

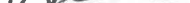
[illegible]

**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: DLK / PST	SAMPLER(S) SIGNATURES: 	SAMPLING INITIATED AT: 1354	SAMPLING ENDED AT: 1412
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PUMP OR TUBING	TUBING	FIELD-FILTERED: Y <input checked="" type="radio"/>	FILTER SIZE: ____ μm
DEPTH IN WELL (feet): 45	MATERIAL CODE: DE	Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP Y ☒ N ☐ TUBING Y ☒ N ☐ (replaced) OTHER (specify) *Wm* Y ☒ N ☐ DUPLICATE: Y ☒ N ☐ DUP. ID:

[illegible]

5 WELL VOLUMES: 5.64	REMARKS: DO 4/- 1096 * Samples placed on ice subsequent to collection
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\* 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:**  $\pm 0.2$  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)

**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

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-6	SAMPLE ID: MW-6	DATE: 3/4/14

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY: (PRINT) AFFILIATION: <b>DKPSE</b>				SAMPLER(S) SIGNATURE: <b>[Signature]</b>			SAMPLING INITIATED AT: <b>1439</b>		SAMPLING ENDED AT: <b>1450</b>	
PUMP OR TUBING DEPTH IN WELL (feet): <b>-14</b>				TUBING MATERIAL CODE: <b>PE</b>		FIELD-FILTERED: <b>Y</b> Filtration Equipment Type: <b>WMD</b>		FILTER SIZE: _____ $\mu$ m		
FIELD DECONTAMINATION: PUMP <b>Y</b> TUBING <b>Y</b> (replaced) OTHER (specify) <b>WMD</b>				N		DUPLICATE: <b>Y</b>		DUP. ID: <b>N</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				
<b>mw-6</b>	<b>2</b>	<b>CG</b>	<b>40mL</b>	<b>HCL</b>	<b>LP</b>	<b>LP</b>	<b>9260WA/WH</b>	<b>RFPP</b>	<b>~100</b>	
<b>1</b>	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>None</b>	<b>-</b>	<b>-</b>	<b>820PAHS</b>	<b>APP</b>	<b>~265</b>	
<b>1</b>	<b>1</b>	<b>AG</b>	<b>1L</b>	<b>HCL</b>	<b>LP</b>	<b>LP</b>	<b>FL-Pro</b>	<b>APP</b>	<b>1</b>	
<b>1</b>	<b>1</b>	<b>PE</b>	<b>250mL</b>	<b>HNO3</b>	<b>LP</b>	<b>LP</b>	<b>13APP metals</b>	<b>APP</b>	<b>1</b>	
5 WELL VOLUMES: <b>~5.6mL</b>			REMARKS: <b>* Samples placed on ice subsequent to collection</b> <b>v= out of cal range</b>							
MATERIAL CODES:			<b>AG</b> = Amber Glass; <b>CG</b> = Clear Glass; <b>PE</b> = Polyethylene; <b>PP</b> = Polypropylene; <b>S</b> = Silicone; <b>T</b> = Teflon; <b>O</b> = Other (Specify)							
<b>SAMPLING/PURGING APP</b> = After Peristaltic Pump; <b>B</b> = Bailor; <b>BP</b> = Bladder Pump; <b>ESP</b> = Electric Submersible Pump; <b>PP</b> = Peristaltic Pump; <b>WM</b> = Water Level Meter <b>EQUIPMENT CODES:</b> <b>RFPP</b> = Reverse Flow Peristaltic Pump; <b>SM</b> = Straw Method (Tubing Gravity Drain); <b>VT</b> = Vacuum Trap; <b>O</b> = Other (Specify); <b>LP</b> = Lab Preserved										

Revision Date: February 12, 2009

**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: 10.4 feet to 20.1 feet	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) = gallons + (gallons/foot X feet) + gallons = gallons				
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 (D) 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	3.36/41.2	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	3.19		
								± 10%	± 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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: DJK/BSI		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) LMD N		FILTRATION EQUIPMENT TYPE: LMD 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-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	

5 WELL VOLUMES: ~5.792L  
REMARKS: Slowed purge due to turbidity. DO +/- 100% Turb +/- 596  
\* 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-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	-	"/1"
1405	0.6	1.9	0.06	13.28	6.08	24.80	275	3.37/40.7	6.12	-	"/1"
1410	0.3	2.2	0.06	13.28	6.10	24.75	275	3.49/41.3	5.18	-	"/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: Jennifer Namilton/PST	SAMPLER(S) SIGNATURE: [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) (W) 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	-	4200RA	RFPP	227
	2	CG	40mL	HCL	LP	-	8260/10A3/100HS	RFPP	100
	1	AG	1L	HCL	LP	-	FLP10/TPH	APP	227
	1	AG	1L	-	-	-	8270/PATS	APP	227

5 WELL VOLUMES: 24.9 gal. REMARKS: DO 1.20 to 1.25 but w/in +/- 10% All other parameters stable  
\* 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-9	SAMPLE ID: mw-9	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 9.74 feet to 19.74 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) = 0.13 gallons + (0.16 gallons/foot X 43 feet) + 0.13 gallons = 8.1 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

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	2.0	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 checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: 0.45 μm	Filtration Equipment Type: [Blank]	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> OTHER (specify) [Blank]		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	DUP. ID: [Blank]		

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	-	4100RA+CU	APP	~303
	1	AG	1L	HCL	LP	-	FLP106	APP	~303
	1	AG	1L	-	-	-	8200	APP	~303
	2	CG	40mL	HCL	LP	-	8200	RFP	~100

5 WELL VOLUMES: 15.7 gal. REMARKS: \* Samples placed on ice subsequent to collection. [Blank] 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

# GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-10	SAMPLE ID: MW-10	DATE: 3/11/24

## PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1 1/2</u>	WELL SCREEN INTERVAL DEPTH: <u>987</u> feet to <u>1087</u>	STATIC DEPTH TO WATER (feet): <u>1184</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
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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)

$$= (19.87 \text{ feet} - 11.84 \text{ feet}) \times 0.16 \text{ gallons/foot} \approx 1.3 \text{ gallons}$$

**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)**

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 213	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 213	PURGING INITIATED AT: 1154	PURGING ENDED AT: 1215	TOTAL VOLUME PURGED (gallons): 22.1
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[illegible]

**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" = 0.014

**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>Andi Duvalla</i> / <i>PSI</i>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <i>12/5</i>	SAMPLING ENDED AT: <i>1223</i>
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PUMP OR TUBING	TUBING	FIELD-FILTERED: Y <input checked="" type="radio"/> N	FILTER SIZE: _____ μm
DEPTH IN WELL (feet): 213	MATERIAL CODE: PE+SI	Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (replaced) OTHER (specify) WM ☒ N DUPLICATE: Y ☒ DUP. ID:

[illegible]

5 WELL VOLUMES:

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:** 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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $< 20\%$  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)

**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

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): <u>2</u>		TUBING DIAMETER (inches): <u>1/2</u>		WELL SCREEN INTERVAL DEPTH: <u>19.83</u> feet to <u>16.3</u>		STATIC DEPTH TO WATER (feet): <u>12.25</u>		PURGE PUMP TYPE OR BAILER: <u>PP</u>			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <u>19.83</u> feet - <u>12.25</u> feet ) X <u>0.16</u> gallons/foot = <u>1.2</u> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + ( _____ gallons/foot X _____ feet ) + _____ gallons NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>2.14</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>2.14</u>		PURGING INITIATED AT: <u>1450</u>		PURGING ENDED AT: <u>1526</u>		TOTAL VOLUME PURGED (gallons): <u>23.6</u>			
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)
<u>1505</u>	<u>21.5</u>	<u>21.5</u>	<u>20.1</u>	<u>12.25</u>	<u>7.58</u>	<u>25.24</u>	<u>207</u>	<u>3.51/43.1</u>	<u>7.10</u>	<u>—</u>	<u>clear</u>
<u>1515</u>	<u>21.0</u>	<u>22.5</u>	<u>20.1</u>	<u>12.3</u>	<u>7.56</u>	<u>25.29</u>	<u>208</u>	<u>3.45/42.1</u>	<u>3.90</u>	<u>—</u>	<u>15</u>
<u>1520</u>	<u>20.5</u>	<u>23.0</u>	<u>20.1</u>	<u>12.25</u>	<u>7.54</u>	<u>25.21</u>	<u>207</u>	<u>3.28/40.1</u>	<u>2.82</u>	<u>—</u>	<u>15</u>
<u>1523</u>	<u>20.3</u>	<u>23.3</u>	<u>20.1</u>	<u>12.25</u>	<u>7.53</u>	<u>25.25</u>	<u>207</u>	<u>3.28/40.1</u>	<u>2.15</u>	<u>✓</u>	<u>15</u>
<u>1526</u>	<u>20.3</u>	<u>23.6</u>	<u>20.1</u>	<u>12.25</u>	<u>7.53</u>	<u>25.24</u>	<u>207</u>	<u>3.29/40.2</u>	<u>2.71</u>	<u>—</u>	<u>15</u>
								<u>±10%</u>			
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>Audrey Acosta / PSI</i>			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1526</i>		SAMPLING ENDED AT: <i>1536</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>~14</i>			TUBING MATERIAL CODE: <i>FE+Si</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (Replaced)		OTHER (specify) <i>WM</i> <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	2x40mL	HCl	LP	LP	<i>8260 WWA/WWAS</i>	RFPP	≤100
MW-11	1	AG	1L	N/A	—	—	<i>8270 WWA</i>	APP	~3A
MW-11	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	<i>FL-PAO</i>	APP	↓
MW-11	1	PE	280mL	HAC <sub>3</sub>	LP	LP	<i>4 KRA</i>	APP	↓
5 WELL VOLUMES: <i>~60 gal</i>			REMARKS: * Samples placed on ice subsequent to collection <i>DO elevated, sample collected using ±0% g/L</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 = 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									

Revision Date: February 12, 2009



# GROUNDWATER SAMPLING LOG

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-12	SAMPLE ID: MW-12	DATE: 3/11/14

## PURGING DATA

WELL DIAMETER (inches): <u>2</u>		TUBING DIAMETER (inches): <u>1.4</u>		WELL SCREEN INTERVAL DEPTH: <u>1.60</u> feet to <u>19.60</u>		STATIC DEPTH TO WATER (feet): <u>12.94</u>		PURGE PUMP TYPE OR BAILER:			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = <u>1</u> <u>19.60</u> feet - <u>12.94</u> feet X <u>0.16</u> gallons/foot = <u>~11</u> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + ( _____ gallons/foot X _____ feet) + _____ gallons = _____ gallons NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 3,785 mL)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>~14.5</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>~4.5</u>		PURGING INITIATED AT: <u>1344</u>		PURGING ENDED AT: <u>1420</u>		TOTAL VOLUME PURGED (gallons): <u>~36</u>			
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)
1359	~1.5	~1.5	~0.1	13.04	7.72	24.46	328	4.63/53.3	8.22	—	clear/16
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
								± 40%			
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>Andy Reusch / PSI</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1420</i>		SAMPLING ENDED AT: <i>1428</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>~145</i>				TUBING MATERIAL CODE: <i>PE+Si</i>		FIELD-FILTERED: <i>Y</i> Filtration Equipment Type:		FILTER SIZE: _____ $\mu$ m		
FIELD DECONTAMINATION: PUMP <i>Y</i> <input checked="" type="checkbox"/> TUBING <i>Y</i> <input checked="" type="checkbox"/> (replaced) OTHER (specify) <i>LM O N</i>				DUPLICATE: <i>Y</i> <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				
<i>MW-12</i>	<i>2</i>	<i>CG</i>	<i>240mL</i>	<i>HCl</i>	<i>LP</i>	<i>LP</i>	<i>8200 LCA/LC/HS</i>	<i>RFPP</i>	<i>≤ 100</i>	
<i>MW-12</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>NA</i>	<i>—</i>	<i>—</i>	<i>8200 PAGs</i>	<i>APP</i>	<i>~35</i>	
<i>MW-12</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>~1</i>	
<i>MW-12</i>	<i>1</i>	<i>PE</i>	<i>250mL</i>	<i>HNO<sub>3</sub></i>	<i>LP</i>	<i>LP</i>	<i>PP-4 ROR</i>	<i>APP</i>	<i>↓</i>	
5 WELL VOLUMES: <i>25.3 gal</i>		REMARKS: * Samples placed on ice subsequent to collection <i>DO Elevated, collected using ± 10% criteria</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										

Revision Date: February 12, 2009

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-13	SAMPLE ID: MW-13	DATE: 3/11/14

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1.315	WELL SCREEN INTERVAL DEPTH: 9.87 feet to 14.87	STATIC DEPTH TO WATER (feet): 12.95	PURGE PUMP TYPE OR BAILER: HP
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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	=	gallons + (	gallons/foot X	feet) +
FINAL PUMP OR TUBING				gallons =
				gallons

[illegible]

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: <i>Angela PSI</i>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <i>1741</i>	SAMPLING ENDED AT: <i>1750</i>
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FIELD DECONTAMINATION:		PUMP	Y	N	TUBING	Y	N	(replaced)	OTHER (specify)	LM	Y	N	DUPLICATE:	Y	N	DUP. ID:
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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)			

[illegible]

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**EQUIPMENT CODES:** RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved

$$4.1 \text{ gpm} = 3.785.4 \text{ mL/min}$$



## Form FD 9000-24

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: m10-14	SAMPLE ID: m10-14	DATE: 3/11/14

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT): AFFILIATION:		SAMPLER(S) SIGNATURE(S)			SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
JENNIFER HAMMOND/PSI		[Signature]			1723		1736		
PUMP OR TUBING		TUBING		FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ μm			
DEPTH IN WELL (feet): 113		MATERIAL CODE: PE#51		Filtration Equipment Type:					
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		TUBING Y <input type="checkbox"/> N (replaced)		OTHER (specify): 10M		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPPLICATE: 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-14	2	CG	40 mL	HCL	LP	-	82601	REPP	<100
	1	PE	250 mL	HNO3	LP	-	4RCRA	APP	2341
	1	AG	1L	HCL	LP	-	FLP	APP	2341
	1	AG	1L	-	-	-	82701	APP	2341
5 WELL VOLUMES: 15.7 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: RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved									

Revision Date: February 12, 2009



## Form FD 9000-24

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

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT): AFFILIATION:						SAMPLER(S) SIGNATURE(S)		SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
<i>Jennifer Hamilton / PSI</i>						<i>[Signature]</i>		<i>11/6/34</i>		<i>11/6/49</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>~13</i>						TUBING MATERIAL CODE: <i>PE + S</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>						TUBING Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> (replaced)		OTHER (specify) <i>(SM) Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/></i>		DUPLICATE: Y <input checked="" 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					
<i>muck</i>	<i>2</i>	<i>CG</i>	<i>40mL</i>	<i>NCL</i>	<i>LP</i>	<i>-</i>	<i>82601 VOA/100Hs</i>	<i>RFPF</i>	<i>~100</i>		
<i> </i>	<i>1</i>	<i>PE</i>	<i>250mL</i>	<i>HNO3</i>	<i>LP</i>	<i>-</i>	<i>4 RCRA</i>	<i>APP</i>	<i>~189</i>		
<i> </i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>NCL</i>	<i>LP</i>	<i>-</i>	<i>FLTPA</i>	<i>APP</i>	<i>~189</i>		
<i> </i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>8270/PANs</i>	<i>APP</i>	<i>~189</i>		
5 WELL VOLUMES: <i>41.0 gal.</i>		REMARKS: <i>decreased purge rate in an attempt to decrease Turbidity after</i>									
MATERIAL CODES:		* Samples placed on ice subsequent to collection <i>First Reading</i> <i>V = out of cal range</i>									
LEGEND:		AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PB = 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: RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved											

Revision Date: February 12, 2009

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: MW-16	SAMPLE ID: MW-16	DATE: 3/11/14

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1 1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>100</u> feet to <u>20.60</u>	STATIC DEPTH TO WATER (feet): <u>12.75</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
<b>WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY</b> (only fill out if applicable)				
$= ( \underline{200.00} \text{ feet} - \underline{12.75} \text{ feet} ) \times \underline{0.16} \text{ gallons/foot} = \underline{31.2} \text{ gallons}$				

**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	FINAL PUMP OR TUBING	PURGING	PURGING	TOTAL VOLUME
		gallons +	gallons/foot x	feet +
DEPTH IN WELL (feet):	DEPTH IN WELL (feet):	INITIATED AT:	ENDED AT:	PURGED (gallons):
13.5	13.5	1613	1644	31

[illegible]

**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)

SAMPLED BY (PRINT) / AFFILIATION: <i>Arnel Deane / PSI</i>		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1644</i>	SAMPLING ENDED AT: <i>1655</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>213.5</i>		TUBING MATERIAL CODE: <i>PE+5</i>	FIELD-FILTERED: Y <i>(N)</i>	FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>		TUBING Y <i>(N)</i> (replaced)	OTHER (specify) <i>LM</i> Y <i>(N)</i>	DUPLICATE: Y <i>(N)</i>	DUP. ID: _____

[illegible]

5 WELL VOLUMES: 25.8 ml	REMARKS: DO $\pm 10\%$ * Samples placed on ice subsequent to collection
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**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

**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:**  $\pm 0.2$  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)

**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-17	SAMPLE ID: mw-17	DATE: 3/11/14

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 20.03	STATIC DEPTH TO WATER (feet): 11.34	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) = (20.03 feet - 11.34 feet) X 0.16 gallons/foot = 1.39 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) = 1.39 gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 2.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 2.25	PURGING INITIATED AT: 1121	PURGING ENDED AT: 1153	TOTAL VOLUME PURGED (gallons): 1.9

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)
1147	21.5	21.5	20.06	11.39	5.83	25.64	157	0.58/7.1	9.46	-	Clear
1150	20.2	21.7	20.06	11.39	5.81	25.70	156	0.58/7.1	8.28	-	"/11
1153	20.2	21.9	20.06	11.39	5.79	25.71	156	0.61/7.5	7.40	-	"/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		SAMPLER(S) SIGNATURE: [Signature]		SAMPLING INITIATED AT: 1153	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 2.25	TUBING MATERIAL CODE: PE+Si	FIELD-FILTERED: Y N	FILTER SIZE: 1 μm	Filtration Equipment Type:	
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	OTHER (specify): Com	Y 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-17	1	AG	1L	HCL	LP	-	FLP/PPH	APP	~227
	1	AG	1L	-	-	-	8270/PAHS	APP	~227
	1	PE	250mL	HNO3	LP	-	4 PC/LA	APP	~227
	2	CG	40mL	HCL	LP	-	8200/PAHS/ODHS	RFPP	~100

5 WELL VOLUMES: 26.9 gal  
REMARKS: \* 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: 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

SITE NAME: City Soccer	SITE LOCATION: Orlando, Fl	PROJECT NO.: 06631995
WELL NO: MW-18	SAMPLE ID: MW-18	DATE: 4/4/2014

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Andy Deesta / PSI</i>			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: <i>11/13</i>		SAMPLING ENDED AT: <i>11/58</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>212.5</i>			TUBING MATERIAL CODE: <i>PE + Si</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (N replaced) OTHER (specify) <i>WM</i> Y <input checked="" type="checkbox"/> N <input 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			
<i>MW-18</i>	<i>3</i>	<i>CG</i>	<i>40mL</i>	<i>HCl</i>	<i>LP</i>	<i>LP</i>	<i>8200 mda/cont</i>	<i>RFPP</i>	<i>&lt;100</i>
<i>MW-18</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>NA</i>	<i>—</i>	<i>—</i>	<i>8200 PAHS</i>	<i>APP</i>	<i>&lt;189</i>
<i>MW-18</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>12-PRO</i>	<i>APP</i>	<i>&lt;189</i>
<i>MW-18</i>	<i>1</i>	<i>PE</i>	<i>250mL</i>	<i>H<sub>2</sub>NO<sub>3</sub></i>	<i>LP</i>	<i>LP</i>	<i>4BCRA</i>	<i>APP</i>	<i>&lt;189</i>
5 WELL VOLUMES: <i>26.4 ccl</i>			REMARKS: <i>1 = out of cal range</i> * 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									

Revision Date: February 12, 2009





**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:**  $\pm 0.2$  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)
- 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
- 4 1 ppm = 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: 8.28 feet to 18.28 feet	STATIC DEPTH TO WATER (feet): 11.41	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) = (18.28 feet - 11.41 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) = 1.11 gallons + (0.13 gallons/foot X 18.28 feet) + 0.13 gallons = 3.37 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): 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)
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	-	"1"
0923	0.4	2.2	0.07	11.45	5.05	25.90	290	2.12/26.0	7.78	-	"1"
0933	0.7	2.9	0.07	11.45	5.06	25.92	284	1.93/23.7	7.35	-	"1"
0943	0.7	3.6	0.07	11.45	5.07	25.85	283	1.90/23.4	6.55	-	"1"
0947	0.3	3.9	0.07	11.45	5.11	25.90	288	2.00/25.0	5.09	-	"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): Jennifer Hamilton/PS	AFFILIATION:	SAMPLED(S) SIGNATURES:	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 N	FILTER SIZE: µm	
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	OTHER (specify): Com	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-21	2	CG	40mL	HCL	LP	-	VONS	RFP	<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: 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, &amp; 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: 36.2 feet 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) = 0.0026 gallons/foot X 55 feet + 0.13 gallons = 0.3 gallons NOTE: YSI 556MPS flow cell volume = 500 mL = 0.13 gallons (1 gallon = 2,785 mL)											
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	28.85	497	0.21/2.8	62.7	NA	cloudy
1110	0.3	0.8	0.03	11.65	6.37	29.43	407	0.18/2.3	33.3	-	cloudy
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/PS				SAMPLER(S) SIGNATURES: [Signature]				SAMPLING INITIATED AT: 1139		SAMPLING ENDED AT: 1143	
PUMP OR TUBING DEPTH IN WELL (feet): 138.5				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"/> 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: 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	-	VONS		RFPP		2100
5 WELL VOLUMES: 23.9 gal. REMARKS: * Samples placed on ice subsequent to collection. 11 = 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, &amp; air dry.

4 1 gpm = 3,785.4 mL/min



## Form FD 9000-24

SITE NAME: City Soccer	SITE LOCATION: Orlando, FL	PROJECT NO.: 06631995
WELL NO: meo-24	SAMPLE ID: meo-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) = gallons + (gallons/foot X feet) + gallons = gallons 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): ~39			
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)
1234	~2.5	~2.5	~0.09	11.49	6.33	29.52	430	3.34/42.3	10.3	DA	clear/160
1247	~0.9	~2.4	~0.09	11.49	6.41	29.39	420	2.91/38.2	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: <i>Amy Decker / PSI</i>			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1303</i>	SAMPLING ENDED AT:			
PUMP OR TUBING DEPTH IN WELL (feet): <i>~ 15</i>			TUBING MATERIAL CODE: <i>PE + SI</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ µm				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)	OTHER (specify) <i>WM</i>		Filtration Equipment Type:				
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>MLW-24</i>	<i>2</i>	<i>CG</i>	<i>40 mL</i>	<i>HCl</i>	<i>LP</i>	<i>LT</i>	<i>BZGO volts</i>	<i>RFPF</i>	<i>~ 341</i>	
5 WELL VOLUMES: <i>46.5 gal</i>			REMARKS: <i>DO ± 10% v= out of cal range.</i>							
MATERIAL CODES:			* Samples placed on ice subsequent to collection							
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: RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify); LP = Lab Preserved										

Revision Date: February 12, 2009

## PURGING DATA

## ~~SAMPLING DATA~~

**NOTES:**



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

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>A. Roester / PSI</i>			SAMPLER(S) SIGNATURE: <i>[Signature]</i>			INITIATED AT: <i>1604</i>		SAMPLING ENDED AT: <i>1614</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>112.5</i>			TUBING MATERIAL CODE: <i>PE + Si</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ $\mu$ m		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)		OTHER (specify) <i>WM &amp; N</i>		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			
<i>MW-26</i>	<i>2</i>	<i>LG</i>	<i>40 mL</i>	<i>HCl</i>	<i>LP</i>	<i>Li<sup>+</sup></i>	<i>8000 WAKO</i>	<i>RFPP</i>	<i>2100</i>
<i>MW-26</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>NA</i>	<i>—</i>	<i>—</i>	<i>8000 PARS</i>	<i>APIP</i>	<i>2341</i>
<i>MW-26</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>H<sub>2</sub>SO<sub>4</sub></i>	<i>LP</i>	<i>Li<sup>+</sup></i>	<i>FL-PRO</i>	<i>APP</i>	<i>2341</i>
5 WELL VOLUMES: <i>6.8 gal</i>		REMARKS: <i>DO <math>\pm</math> 10% * Samples placed on ice subsequent to collection</i>							
<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> B = After Peristaltic Pump; B = Bailor; 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:**
- 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:**  $\pm 0.2$  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)
  - 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 4  $1 \text{ qpm} = 3.7854 \text{ mL/min}$



## PURGING DATA

## SAMPLING DATA

**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:**  $\pm 0.2$  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)
- 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
- 4  $1 \text{ qpm} = 3.7854 \text{ mL/min}$

## Form FD 9000-24

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

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. Koska / PSI		SAMPLE(S) SIGNATURES: <i>[Signature]</i>		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: _____ µm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> (replaced)		OTHER (specify) WM & 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-28	3	CG	40 mL	HCl	LP	LP	BIOLOGICAL	RFPP	~100
MW-76	1	AG	1L	N/A	—	—	270 PARTS	APP	~379
MW-76	1	AG	1L	H <sub>2</sub> SO <sub>4</sub>	LP	LP	FL-PRO	APP	~379
5 WELL VOLUMES: - 5.9 mL		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:**  $\pm 0.2$  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)
  - 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 4 1 apm = 3.7854 mL/min



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

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>A. Acosta / PSI</i>				SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1401</i>		SAMPLING ENDED AT: <i>1414</i>		
PUMP OR TUBING DEPTH IN WELL (feet): <i>~13</i>				TUBING MATERIAL CODE: <i>PE + Si</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>WMO</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-24</i>	<i>2</i>	<i>CG</i>	<i>40mL</i>	<i>HCl</i>	<i>LP</i>	<i>LP</i>	<i>8000 LAMHS</i>	<i>RFPF</i>	<i>~100</i>		
<i>MW-25</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>N/A</i>	<i>—</i>	<i>—</i>	<i>8000 LAMHS</i>	<i>APP</i>	<i>~379</i>		
<i>MW-26</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>H2SO4</i>	<i>LP</i>	<i>LP</i>	<i>FL-PRG</i>	<i>APP</i>	<i>~379</i>		
5 WELL VOLUMES: <i>~6.4 gal</i>		REMARKS: <i>Do <math>\pm</math> 10%</i>									
MATERIAL CODES:		* Samples placed on ice subsequent to collection									
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: 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:**  $\pm 0.2$  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)
  - 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 4 1 ppm = 3.7854 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 1/2	WELL SCREEN INTERVAL DEPTH: 9.81 feet to 19.89	STATIC DEPTH TO WATER (feet): 11.92	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)

$$= (19.89 \text{ feet} - 11.92 \text{ feet}) \times 0.16 \text{ gallons/foot} \approx 1.3 \text{ gallons}$$

**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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
13	23	1428	1448	

[illegible]

**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>H. Acosta / FBI</i>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <i>1448</i>	SAMPLING ENDED AT:
---	--	------------------------------------	--------------------

PUMP OR TUBING	TUBING	FIELD-FILTERED: Y <u>N</u>	FILTER SIZE: _____ μm
DEPTH IN WELL (feet): <u>213</u>	MATERIAL CODE:	Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP Y ☒ N ☐ TUBING Y ☒ N (replaced) ☐ OTHER (specify) LM Y ☒ N ☐ DUPLICATE: Y ☐ N ☒ DUP. ID:

[illegible]

5 WELL VOLUMES:

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: 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:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2);  
optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (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  $1\text{ ppm} = 3.7854\text{ mL/min}$

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

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Amy Assek / PSI</i>			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			INITIATED AT: <i>1020</i>		SAMPLING ENDED AT: <i>1031</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>~13.5</i>			TUBING MATERIAL CODE: <i>PE15</i>		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) <i>LM</i> <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			
<i>ML-71</i>	<i>3</i>	<i>CG</i>	<i>40 mL</i>	<i>HCl</i>	<i>LP</i>	<i>LP</i>	<i>8260 2m/100hrs</i>	<i>RFPP</i>	<i>200</i>
<i>1</i>	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>01/1A</i>	<i>—</i>	<i>—</i>	<i>8260 PACIS</i>	<i>APP</i>	<i>~329</i>
	<i>1</i>	<i>AG</i>	<i>1L</i>	<i>H2SO4</i>	<i>LP</i>	<i>LP</i>	<i>PC-PRC</i>	<i>APP</i>	<i>~329</i>
5 WELL VOLUMES: <i>25.76 mL</i>		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:**
- 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:**  $\pm 0.2$  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)
  - 3 Standard decontamination procedures includes DI water rinse, Liquinox solution wash, DI water rinse, isopropanol, DI water final rinse, & air dry.
  - 4 1 qpm = 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

XXXXXXXXXX  
Permit # 140316 Fee \$160.00 (S.M.W.S.)  
Date Issued 5/7/2014 (MAY 14 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

XXXXXXXXXX  
Permit # 140317 Fee \$400.00 (S.M.W.S.)  
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

XXXXXXXXXX  
Permit # 140318 Fee \$280.00 (S.M.W.S.)  
Date Issued 5/7/2014 (S.M.W.S.)  
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:	

XXXXXXXXXX

Orange County Health Department  
800 N. Mercy 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:	

XXXXXXXXXX

**Orange County Health Department**  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

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

XXXXXXXXXX

**Orange County Health Department**  
800 N. Mercy Dr., Suite 1 Orlando, FL 32808  
Phone 407 -521-2630

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

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	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:	<input type="checkbox"/> GPS	<input checked="" type="checkbox"/> Map	<input type="checkbox"/> Survey	Datum:	NAD 27	NAD 83	WGS 84																								
10.*Type of Work:	<input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																														
11.*Specify Intended Use(s) of Well(s)	<table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table>							<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
<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"/> Nursery Irrigation	<input type="checkbox"/> Test																												
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal																												
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply																												
			<input type="checkbox"/> HVAC Return																												
Class V Injection:	<input type="checkbox"/> Recharge	<input type="checkbox"/> Commercial/Industrial Disposal	<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Drainage																											
Remediation:	<input type="checkbox"/> Recovery	<input type="checkbox"/> Air Sparge	<input type="checkbox"/> Other (Describe)																												
<input type="checkbox"/> Other (Describe)																															
12.*Drill Method	<input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic																														
	<input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> Other																														
13.*Measured Static Water Level			ft.	Measured Pumping Water Level			ft.																								
14.*Measuring Point (Describe)			ft.	Which is			ft.																								
				Above x Below			Land Surface																								
15.*Casing Material:	<input type="checkbox"/> Black Steel	<input type="checkbox"/> Galvanized	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Not Cased	<input type="checkbox"/> Other																									
16.*Total Well Depth			ft.	Cased Depth			ft.																								
				*Open Hole: From			ft.																								
				To			ft.																								
				*Screen: From			ft.																								
				To			ft.																								
				Slot Size																											
17.*Abandonment:	<input type="checkbox"/> Other (Explain)																														
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																									
18.*Surface Casing Diameter and Depth:																															
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
19.*Primary Casing Diameter and Depth:																															
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
20.*Liner Casing Diameter and Depth:																															
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
21.*Telescope Casing Diameter and Depth:																															
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
22. Pump Type (If Known):	<input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine																														
Horsepower																															
Pump Capacity (GPM)																															
Pump Depth	ft.																														
Intake Depth	ft.																														
23. Chemical Analysis (When Required):	Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm																														
	<input type="checkbox"/> Laboratory Test <input type="checkbox"/> 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.)																															



**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](http://WWW.MYSUWANNEERIVER.COM)

[illegible]

Comments: 4 MWs on this permit were NOT installed

**\*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	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:	<input type="checkbox"/> GPS	<input checked="" type="checkbox"/> Map	<input type="checkbox"/> Survey	Datum:	NAD 27	NAD 83	WGS 84																								
10.*Type of Work:	<input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																														
11.*Specify Intended Use(s) of Well(s)	<table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table>							<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
<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"/> Nursery Irrigation	<input type="checkbox"/> Test																												
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal																												
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply																												
			<input type="checkbox"/> HVAC Return																												
Class V Injection:	<input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage																														
Remediation:	<input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) _____																														
<input type="checkbox"/> Other (Describe)	_____																														
12.*Drill Method	<input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic																														
	<input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																								
15.*Casing Material:	<input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> 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:	<input type="checkbox"/> 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																								
	Dia	in.	From	ft.	To	ft.	No. of Bags																								
19.*Primary Casing Diameter and Depth:																															
	Dia	2	in.	From	0	ft.	To 9-16 ft. No. of Bags 2																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
20.*Liner Casing Diameter and Depth:																															
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
21.*Telescope Casing Diameter and Depth:																															
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
	Dia		in.	From		ft.	To ft. No. of Bags																								
22. Pump Type (If Known):	<input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine																														
Horsepower	Pump Capacity (GPM)																														
Pump Depth	ft. Intake Depth																														
	ft.																														
23. Chemical Analysis (When Required):	Iron ppm Sulfate ppm Chloride ppm																														
	<input type="checkbox"/> Laboratory Test <input type="checkbox"/> 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.)																															

**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](http://WWW.MYSUWANNEERIVER.COM)





# 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 <u>140139</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																									
2.*Number of permitted wells constructed, repaired, or abandoned <u>1</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>																													
3.*Owner's Name <u>City of Orlando</u>		4.*Completion Date <u>2/28/14</u>		5. Florida Unique ID <u></u>																											
6. <u>One (1) parcel bounded by Parramore Ave, W. Pine street, S. Terry Ave. and W. Church Street, Orlando</u> *Well Location - Address, Road Name or Number, City, ZIP																															
7.*County <u>Orange</u>		*Section <u>26</u>		Land Grant <u></u>		*Township <u>22</u> *Range <u>29</u>																									
8. Latitude <u></u> Longitude <u></u>																															
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <u>NAD 27</u> <u>NAD 83</u> <u>WGS 84</u>																															
10.*Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																															
11.*Specify Intended Use(s) of Well(s) <table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table>								<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
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<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply																												
			<input type="checkbox"/> HVAC Return																												
Class V Injection: <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage																															
Remediation: <input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) <u></u>																															
<input type="checkbox"/> Other (Describe) <u></u>																															
12.*Drill Method: <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic <input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> Other <u></u>																															
13.*Measured Static Water Level <u>11.9</u> ft. Measured Pumping Water Level <u></u> ft. After <u></u> Hours at <u></u> GPM																															
14.*Measuring Point (Describe) POC <u></u> Which is <u>0</u> ft. Above x Below Land Surface *Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
15.*Casing Material: <input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> Other <u></u>																															
16.*Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From <u></u> To <u></u> ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.005</u>																															
17.*Abandonment: <input type="checkbox"/> Other (Explain) <u></u> <table border="0"><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>									
From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
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18.*Surface Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																		
Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
19.*Primary Casing Diameter and Depth: <table border="0"><tr><td>Dia <u>1</u> in. From <u>0</u> ft. To <u>10</u> ft.</td><td>No. of Bags <u>2</u></td><td>Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								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 <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>									
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 <u></u>																													
Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
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20.*Liner Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>															
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Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																													
21.*Telescope Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>															
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22. Pump Type (if Known): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower <u></u> Pump Capacity (GPM) <u></u> Pump Depth <u></u> ft. Intake Depth <u></u> ft.																															
23. Chemical Analysis (When Required): Iron <u></u> ppm Sulfate <u></u> ppm Chloride <u></u> ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																															
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature <u></u> *Driller's Name (Print or Type) <u>Chad Hall</u> (I certify that the information provided in this report is accurate and true.)																															



**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](http://WWW.MYSUWANNEERIVER.COM)

Comments: 1 MW



# 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 <u>140192</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																									
2. *Number of permitted wells constructed, repaired, or abandoned <u>7</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>																													
3. *Owner's Name <u>City of Orlando</u>		4. *Completion Date <u>3/7/14</u>		5. Florida Unique ID <u></u>																											
6. <u>Seven (7) parcels bounded by Parramore Ave, W. Central Blvd, S. Terry Ave. and W. Pine street</u> *Well Location - Address, Road Name or Number, City, ZIP																															
7. *County <u>Orange</u>		*Section <u>26</u>		Land Grant <u></u>		*Township <u>22</u> *Range <u>29</u>																									
8. Latitude <u></u>		Longitude <u></u>																													
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <u>NAD 27</u> <u>NAD 83</u> <u>WGS 84</u>																															
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16. *Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From <u></u> To <u></u> ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.006</u>																															
17. *Abandonment: <input type="checkbox"/> Other (Explain) <u></u> <table border="0"><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>														
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18. *Surface Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																				
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19. *Primary Casing Diameter and Depth: <table border="0"><tr><td>Dia <u>1</u> in. From <u>0</u> ft. To <u>10</u> ft. No. of Bags <u>2</u></td><td>Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								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 <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>														
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22. Pump Type (If Known): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower <u></u> Pump Capacity (GPM) <u></u> Pump Depth <u></u> ft. Intake Depth <u></u> ft.																															
23. Chemical Analysis (When Required): Iron <u></u> ppm Sulfate <u></u> ppm Chloride <u></u> ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																															
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature <u></u> *Driller's Name (Print or Type) <u>Chad Hall</u> (I certify that the information provided in this report is accurate and true.)																															

\***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)

[illegible]

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 <u>140140</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																									
2.*Number of permitted wells constructed, repaired, or abandoned <u>5</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>																													
3.*Owner's Name <u>City of Orlando</u>		4.*Completion Date <u>2/28/14</u>		5. Florida Unique ID <u></u>																											
6. <u>Three (3) parcels bounded by Parramore Ave, W. Pine street, S. Terry Ave. and W. Church Street, Orlando</u> *Well Location - Address, Road Name or Number, City, ZIP																															
7.*County <u>Orange</u>		*Section <u>26</u>		Land Grant <u></u>		*Township <u>22</u> *Range <u>29</u>																									
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16.*Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From <u></u> To <u></u> ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.005</u>																															
17.*Abandonment: <input type="checkbox"/> Other (Explain) <u></u> <table border="0"><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>														
From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
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Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
19.*Primary Casing Diameter and Depth: <table border="0"><tr><td>Dia <u>1</u> in. From <u>0</u> ft. To <u>10</u> ft. No. of Bags <u>2</u></td><td>Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								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 <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>														
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Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
21.*Telescope Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																		
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																														
22. Pump Type (if Known): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower <u></u> Pump Capacity (GPM) <u></u> Pump Depth <u></u> ft. Intake Depth <u></u> ft.																															
23. Chemical Analysis (When Required): Iron <u></u> ppm Sulfate <u></u> ppm Chloride <u></u> ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																															
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature <u></u> *Driller's Name (Print or Type) <u>Chad Hall</u>																															

(I certify that the information provided in this report is accurate and true)

**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](http://WWW.MYSUWANNEERIVER.COM)

Comments: 5 MW





# 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	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:	<input type="checkbox"/> GPS	<input checked="" type="checkbox"/> Map	<input type="checkbox"/> Survey	Datum:	NAD 27	NAD 83	WGS 84
10.*Type of Work:	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Repair	<input type="checkbox"/> Modification	<input type="checkbox"/> 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"/> Nursery Irrigation	<input type="checkbox"/> Test				
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal				
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				
Class V Injection:	<input type="checkbox"/> Recharge	<input type="checkbox"/> Commercial/Industrial Disposal	<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Drainage			
Remediation:	<input type="checkbox"/> Recovery	<input type="checkbox"/> Air Sparge	<input type="checkbox"/> Other (Describe)				
<input type="checkbox"/> Other (Describe)							
12.*Drill Method:	<input checked="" type="checkbox"/> Auger	<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary	<input type="checkbox"/> Combination (Two or More Methods)	<input type="checkbox"/> Jetted	<input type="checkbox"/> Sonic	
	<input type="checkbox"/> Horizontal Drilling	<input type="checkbox"/> Hydraulic Point (Direct Push)	<input type="checkbox"/> Other				
13.*Measured Static Water Level	11	ft.	Measured Pumping Water Level		ft.	After	Hours at
14.*Measuring Point (Describe) POC			Which is	0	ft.	Above x	Below Land Surface
15.*Casing Material:	<input type="checkbox"/> Black Steel	<input type="checkbox"/> Galvanized	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Not Cased	<input type="checkbox"/> Other	*Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16.*Total Well Depth	20	ft.	Cased Depth	10	ft.	*Open Hole: From	To
						ft.	*Screen: From
							To
							ft. Slot Size
							0.006
17.*Abandonment:	<input type="checkbox"/> 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"/> Neat Cement	<input type="checkbox"/> Bentonite
						<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite
						<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite
						<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite
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
19.*Primary Casing Diameter and Depth:							
Dia	1	in. From	0	ft. To	10	ft.	No. of Bags
						Seal Material (Check One):	<input checked="" type="checkbox"/> Neat Cement
							<input type="checkbox"/> Bentonite
							<input type="checkbox"/> Other
						Seal Material (Check One):	<input type="checkbox"/> Neat Cement
							<input type="checkbox"/> Bentonite
							<input type="checkbox"/> Other
						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
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
						Seal Material (Check One):	<input type="checkbox"/> Neat Cement
							<input type="checkbox"/> Bentonite
							<input type="checkbox"/> Other
22. Pump Type (If Known):							
<input type="checkbox"/> Centrifugal	<input type="checkbox"/> Jet	<input type="checkbox"/> Submersible	<input type="checkbox"/> Turbine				
Horsepower	Pump Capacity (GPM)						
Pump Depth	ft. Intake Depth						
	ft.						
23. Chemical Analysis (When Required):							
Iron			ppm	Sulfate			ppm
Chloride			ppm				
<input type="checkbox"/> Laboratory Test	<input type="checkbox"/> 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.)



**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](http://WWW.MYSUWANNEERIVER.COM)

[illegible]

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

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 <u>140141</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>	
2.*Number of permitted wells constructed, repaired, or abandoned <u>2</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>					
3.*Owner's Name <u>City of Orlando</u>		4.*Completion Date <u>2/28/14</u>		5. Florida Unique ID <u>                    </u>			
6. <u>One (1) parcel bounded by Parramore Ave, W. Pine street, S. Terry Ave, and W. Church Street, Orlando</u> *Well Location - Address, Road Name or Number, City, ZIP							
7.*County <u>Orange</u>		*Section <u>26</u>		Land Grant <u>                    </u>		*Township <u>22</u> *Range <u>29</u>	
8. Latitude <u>                    </u>		Longitude <u>                    </u>					
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey		Datum: <u>NAD 27</u>		<u>NAD 83</u>		<u>WGS 84</u>	
10.*Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> 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"/> Nursery Irrigation		<input type="checkbox"/> Test	
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)				<input type="checkbox"/> Commercial/Industrial		<input type="checkbox"/> Earth-Coupled Geothermal	
<input type="checkbox"/> Class I Injection				<input type="checkbox"/> Golf Course Irrigation		<input type="checkbox"/> HVAC Supply	
Class V Injection: <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage							
Remediation: <input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) <u>                    </u>							
<input type="checkbox"/> Other (Describe) <u>                    </u>							
12.*Drill Method: <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic							
<input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> Other <u>                    </u>							
13.*Measured Static Water Level <u>11.9</u> ft. Measured Pumping Water Level <u>                    </u> ft. After <u>                    </u> Hours at <u>                    </u> GPM							
14.*Measuring Point (Describe) POC <u>                    </u> Which is <u>0</u> ft. Above x Below Land Surface *Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
15.*Casing Material: <input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> Other <u>                    </u>							
16.*Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From <u>                    </u> To <u>                    </u> ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.006</u>							
17.*Abandonment: <input type="checkbox"/> Other (Explain) <u>                    </u>							
From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
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From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
18.*Surface Casing Diameter and Depth:							
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
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 <u>                    </u>					
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
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20.*Liner Casing Diameter and Depth:							
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
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Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
21.*Telescope Casing Diameter and Depth:							
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
Dia <u>                    </u> in. From <u>                    </u> ft. To <u>                    </u> ft. No. of Bags <u>                    </u>		Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u>                    </u>					
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22. Pump Type (If Known):							
<input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine		23. Chemical Analysis (When Required):					
Horsepower <u>                    </u> Pump Capacity (GPM) <u>                    </u>		Iron <u>                    </u> ppm Sulfate <u>                    </u> ppm Chloride <u>                    </u> ppm					
Pump Depth <u>                    </u> ft. Intake Depth <u>                    </u> ft.		<input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit					
24. Water Well Contractor:							
*Contractor Name <u>Chad Hall</u>		*License Number <u>9443</u>		E-mail Address <u>george@ambienttech.com</u>			
*Contractor's Signature <u>                    </u> *Driller's Name (Print or Type) <u>Chad Hall</u>							
(I certify that the information provided in this report is accurate and true.)							

**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](http://WWW.NWFWMD.STATE.FL.US)

**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](http://WWW.MYSUWANNEERIVER.COM)







# 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 <u>140195</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																									
2. *Number of permitted wells constructed, repaired, or abandoned <u>1</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>																													
3. *Owner's Name <u>City of Orlando</u>		4. *Completion Date <u>3/11/14</u>		5. Florida Unique ID <u></u>																											
6. <u>One (1) parcel bounded by S. Parramore, W. Pine street, S. Terrey Ave., and W. Church Street</u> *Well Location - Address, Road Name or Number, City, ZIP																															
7. *County <u>Orange</u>		*Section <u>26</u>		Land Grant <u></u>		*Township <u>22</u> *Range <u>29</u>																									
8. Latitude <u></u> Longitude <u></u>																															
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <u>NAD 27</u> <u>NAD 83</u> <u>WGS 84</u>																															
10. *Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																															
11. *Specify Intended Use(s) of Well(s) <table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table>								<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
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			<input type="checkbox"/> HVAC Return																												
Class V Injection: <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage																															
Remediation: <input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) <u></u>																															
<input type="checkbox"/> Other (Describe) <u></u>																															
12. *Drill Method <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic <input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> Other <u></u>																															
13. *Measured Static Water Level <u>11.9</u> ft. Measured Pumping Water Level <u></u> ft. After <u></u> Hours at <u></u> GPM																															
14. *Measuring Point (Describe) POC <u></u> Which is <u>0</u> ft. Above x Below Land Surface *Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
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19. *Primary Casing Diameter and Depth: <table border="0"><tr><td>Dia <u>1</u> in. From <u>0</u> ft. To <u>10</u> ft. No. of Bags <u>2</u></td><td>Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								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 <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>														
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21. *Telescope Casing Diameter and Depth: <table border="0"><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr><tr><td>Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u></td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u></td></tr></table>								Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>	Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u>	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																		
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22. Pump Type (If Known): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower <u></u> Pump Capacity (GPM) <u></u> Pump Depth <u></u> ft. Intake Depth <u></u> ft.																															
23. Chemical Analysis (When Required): Iron <u></u> ppm Sulfate <u></u> ppm Chloride <u></u> ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																															
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature <u></u> *Driller's Name (Print or Type) <u>Chad Hall</u> (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 <u>140194</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																									
2. *Number of permitted wells constructed, repaired, or abandoned <u>1</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>0</u>																													
3. *Owner's Name <u>City of Orlando</u>		4. *Completion Date <u>3/11/14</u>		5. Florida Unique ID _____																											
6. <u>One (1) parcel bounded by S. Parramore, W. Pine street, S. Terrey Ave., and W. Church Street</u> *Well Location - Address, Road Name or Number, City, ZIP																															
7. *County <u>Orange</u>		*Section <u>26</u>		Land Grant _____		*Township <u>22</u> *Range <u>29</u>																									
8. Latitude _____ Longitude _____																															
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <u>NAD 27</u> <u>NAD 83</u> <u>WGS 84</u>																															
10. *Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																															
11. *Specify intended Use(s) of Well(s) <table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table> Class V Injection: <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage Remediation: <input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) _____ <input type="checkbox"/> Other (Describe) _____								<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
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12. *Drill Method <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input type="checkbox"/> Sonic <input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> Other _____																															
13. *Measured Static Water Level <u>11.9</u> ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM																															
14. *Measuring Point (Describe) POC _____ Which is <u>0</u> ft. Above x Below Land Surface *Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
15. *Casing Material: <input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> Other _____																															
16. *Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From _____ To _____ ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.006</u>																															
17. *Abandonment: <input type="checkbox"/> Other (Explain) _____ <table border="0"><tr><td>From _____ ft. To _____ ft. No. of Bags _____</td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____</td></tr><tr><td>From _____ ft. To _____ ft. No. of Bags _____</td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____</td></tr><tr><td>From _____ ft. To _____ ft. No. of Bags _____</td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____</td></tr><tr><td>From _____ ft. To _____ ft. No. of Bags _____</td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____</td></tr><tr><td>From _____ ft. To _____ ft. No. of Bags _____</td><td>Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____</td></tr></table>								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 _____														
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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): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower _____ Pump Capacity (GPM) _____ Pump Depth _____ ft. Intake Depth _____ ft.																															
23. Chemical Analysis (When Required): Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																															
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature _____ *Driller's Name (Print or Type) <u>Chad Hall</u> (I certify that the information provided in this report is accurate and true.)																															



\***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)

[illegible]

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 <u>140240</u>		*CUP/WUP Number <u>NA</u>		*DID Number <u>NA</u>		62-524 Delineation No. <u>NA</u>																															
2. *Number of permitted wells constructed, repaired, or abandoned <u>1</u>		*Number of permitted wells not constructed, repaired, or abandoned <u>1</u>																																			
3. *Owner's Name <u>City of Orlando</u>		4. *Completion Date <u>4/3/14</u>		5. Florida Unique ID <u></u>																																	
6. <u>329 &amp; 607 W. Church Street, Orlando</u> *Well Location - Address, Road Name or Number, City, ZIP																																					
7. *County <u>Orange</u>		*Section <u>26</u>		Land Grant <u></u>		*Township <u>22</u> *Range <u>29</u>																															
8. Latitude <u></u> Longitude <u></u>																																					
9. Data Obtained From: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <u>NAD 27</u> <u>NAD 83</u> <u>WGS 84</u>																																					
10. *Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment																																					
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13. *Measured Static Water Level <u>9</u> ft. Measured Pumping Water Level <u></u> ft. After <u></u> Hours at <u></u> GPM																																					
14. *Measuring Point (Describe) POC <u></u> Which is <u>0</u> ft. Above x Below Land Surface *Flowing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																					
15. *Casing Material: <input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> Other <u></u>																																					
16. *Total Well Depth <u>20</u> ft. Cased Depth <u>10</u> ft. *Open Hole: From <u></u> To <u></u> ft. *Screen: From <u>10</u> To <u>20</u> ft. Slot Size <u>0.005</u>																																					
17. *Abandonment: <input type="checkbox"/> Other (Explain) <u></u> <table border="0"><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One):</td><td><input type="checkbox"/> Neat Cement</td><td><input type="checkbox"/> Bentonite</td><td>Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One):</td><td><input type="checkbox"/> Neat Cement</td><td><input type="checkbox"/> Bentonite</td><td>Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One):</td><td><input type="checkbox"/> Neat Cement</td><td><input type="checkbox"/> Bentonite</td><td>Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One):</td><td><input type="checkbox"/> Neat Cement</td><td><input type="checkbox"/> Bentonite</td><td>Other <u></u></td></tr><tr><td>From <u></u> ft. To <u></u> ft.</td><td>No. of Bags <u></u></td><td>Seal Material (Check One):</td><td><input type="checkbox"/> Neat Cement</td><td><input type="checkbox"/> Bentonite</td><td>Other <u></u></td></tr></table>								From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>	From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>
From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>																																
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From <u></u> ft. To <u></u> ft.	No. of Bags <u></u>	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite	Other <u></u>																																
18. *Surface Casing Diameter and Depth: Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																																					
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 <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																																					
20. *Liner Casing Diameter and Depth: Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																																					
21. *Telescope Casing Diameter and Depth: Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u> Dia <u></u> in. From <u></u> ft. To <u></u> ft. No. of Bags <u></u> Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u></u>																																					
22. Pump Type (If Known): <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine Horsepower <u></u> Pump Capacity (GPM) <u></u> Pump Depth <u></u> ft. Intake Depth <u></u> ft.																																					
23. Chemical Analysis (When Required): Iron <u></u> ppm Sulfate <u></u> ppm Chloride <u></u> ppm <input type="checkbox"/> Laboratory Test <input type="checkbox"/> Field Test Kit																																					
24. Water Well Contractor: *Contractor Name <u>Chad Hall</u> *License Number <u>9443</u> E-mail Address <u>george@ambienttech.com</u> *Contractor's Signature <u></u> *Driller's Name (Print or Type) <u>Chad Hall</u> <small>(I certify that the information provided in this report is accurate and true.)</small>																																					

**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](http://WWW.MYSUWANNEERIVER.COM)

Comments: 1 MW (2nd MW WAS NOT CONSTRUCTED DUE TO TECHNICAL PROBLEMS - CLIENT IS CONSIDERING TRYING TO INSTALL THE WELL AT A LATER DATE).  
(SEE ATTACHED FIGURE)







# 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	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:	<input type="checkbox"/> GPS	<input checked="" type="checkbox"/> Map	<input type="checkbox"/> Survey	Datum:	NAD 27	NAD 83	WGS 84																								
10.*Type of Work:	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Repair	<input type="checkbox"/> Modification	<input type="checkbox"/> Abandonment																											
11.*Specify Intended Use(s) of Well(s)	<table border="0"><tr><td><input type="checkbox"/> Domestic</td><td><input type="checkbox"/> Landscape Irrigation</td><td><input type="checkbox"/> Agricultural Irrigation</td><td><input type="checkbox"/> Site Investigations</td></tr><tr><td><input type="checkbox"/> Bottled Water Supply</td><td><input type="checkbox"/> Recreation Area Irrigation</td><td><input type="checkbox"/> Livestock</td><td><input checked="" type="checkbox"/> Monitoring</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Limited Use/DOH)</td><td></td><td><input type="checkbox"/> Nursery Irrigation</td><td><input type="checkbox"/> Test</td></tr><tr><td><input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)</td><td></td><td><input type="checkbox"/> Commercial/Industrial</td><td><input type="checkbox"/> Earth-Coupled Geothermal</td></tr><tr><td><input type="checkbox"/> Class I Injection</td><td></td><td><input type="checkbox"/> Golf Course Irrigation</td><td><input type="checkbox"/> HVAC Supply</td></tr><tr><td></td><td></td><td></td><td><input type="checkbox"/> HVAC Return</td></tr></table>							<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"/> Nursery Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply				<input type="checkbox"/> HVAC Return
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<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)		<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Earth-Coupled Geothermal																												
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> HVAC Supply																												
			<input type="checkbox"/> HVAC Return																												
Class V Injection:	<input type="checkbox"/> Recharge	<input type="checkbox"/> Commercial/Industrial Disposal	<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Drainage																											
Remediation:	<input type="checkbox"/> Recovery	<input type="checkbox"/> Air Sparge	<input type="checkbox"/> Other	(Describe)																											
<input type="checkbox"/> Other (Describe)																															
12.*Drill Method:	<input checked="" type="checkbox"/> Auger	<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary	<input type="checkbox"/> Combination (Two or More Methods)	<input type="checkbox"/> Jetted	<input type="checkbox"/> Sonic																									
	<input type="checkbox"/> Horizontal Drilling	<input type="checkbox"/> Hydraulic Point (Direct Push)	<input type="checkbox"/> Other																												
13.*Measured Static Water Level	11.9	ft.	Measured Pumping Water Level		ft.	After	Hours at																								
14.*Measuring Point (Describe) POC			Which is	0	ft.	Above x	Below Land Surface																								
15.*Casing Material:	<input type="checkbox"/> Black Steel	<input type="checkbox"/> Galvanized	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Not Cased	<input type="checkbox"/> 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:	<input type="checkbox"/> Other (Explain)																														
From	ft.	To	ft.	No. of Bags	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite																								
From	ft.	To	ft.	No. of Bags	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite																								
From	ft.	To	ft.	No. of Bags	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite																								
From	ft.	To	ft.	No. of Bags	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite																								
From	ft.	To	ft.	No. of Bags	Seal Material (Check One):	<input type="checkbox"/> Neat Cement	<input type="checkbox"/> Bentonite																								
18.*Surface Casing Diameter and Depth:																															
Dia	in.	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																								
Dia	in.	From	ft.	To	ft.	No. of Bags	Seal Material (Check One):																								
19.*Primary Casing Diameter and Depth:																															
Dia	1	in.	From	0	ft.	To	10																								
Dia	in.	From	ft.	To	ft.	No. of Bags	2																								
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
20.*Liner Casing Diameter and Depth:																															
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
21.*Telescope Casing Diameter and Depth:																															
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
Dia	in.	From	ft.	To	ft.	No. of Bags																									
22. Pump Type (If Known):	<input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine			23. Chemical Analysis (When Required):																											
Horsepower	Pump Capacity (GPM)			Iron	ppm	Sulfate	ppm																								
Pump Depth	ft.	Intake Depth	ft.	Chloride	ppm																										
24. Water Well Contractor:				<input type="checkbox"/> Laboratory Test	<input type="checkbox"/> Field Test Kit																										
*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.)

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
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PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
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Comments: 2 MWs installed (5 MWs on this permit were NOT installed)


## **APPENDIX C**



PO# 130892-0001

Continuation

64011

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-424-8300	4. Waste Tracking Number <b>CEI 0046815</b>
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) <b>Soccer Stadium</b>			
6. Generator's Phone		7. Transporter 1 Company Name CLARK ENVIRONMENTAL INC		U.S. EPA ID Number FL000000000	
		8. Transporter 2 Company Name		U.S. EPA ID Number	
9. Designated Facility Name and Site Address CLARK ENVIRONMENTAL INC 15011 PHOENIX INDUSTRIAL PKWY MULBERRY FL 33550		Facility's Phone		U.S. EPA ID Number FL000000000	
10. Waste (Shipping Name and Description)		10. Containers		11. Total Quantity	12. Unit Mt. No.
		No.	Type		
1. INDUSTRIAL WASTE NON-REGULATED MATERIAL		030	DRUM	01650	G
2. INDUSTRIAL WASTE NON-REGULATED MATERIAL		010	DRUM	0550	G
3.					
4.					
13. Special Handling Instructions and Additional Information <b>WASTE PROCESS HAS NOT CHANGED SINCE PROFILED</b> Broken: ACT Broker Site Contact: JIM JETTER					
14. GENERATOR'S 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 any of all relevant or proper condition for transport according to applicable international and national governmental regulations.					
Generator's Official Printed/Typed Name <b>Adam Earl</b>		Signature 		Month Day Year <b>06 16 14</b>	
15. International Shipper's <input type="checkbox"/> Export to U.S. <input type="checkbox"/> Export from U.S.		Mode of transport Other country U.S.			
Transporter Signature (for export only)		Signature 		Month Day Year <b>06 16 14</b>	
16. Transporter Acknowledgment (if Receipt of Material)		Signature 		Month Day Year <b>06 16 14</b>	
Transporter 1 Printed/Typed Name <b>Jason Hardy</b>		Signature		Month Day Year	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication (Select) <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Package <input type="checkbox"/> Weight/Measurement <input type="checkbox"/> Full Package					
17b. Alternate Facility or Generator					
Facility's Name					
17c. Signature of Alternate Facility or Generator					
Month Day Year					
18. Designated Facility Owner or Generator: Certification of receipt of materials covered by the manifest issued in accordance with 40 CFR 174					
Printed/Typed Name <b>Kim Cruz</b>		Signature 		Month Day Year <b>06 16 14</b>	