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Phase II Environmental Site Assessment Report

Stadium Square II Property

101 to 145 West West Street, 1203 to 1223 Leadenhall Street, 150 West Ostend Street, and 1220 Race Street
Baltimore, Maryland 21230

Prepared For:

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And

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1.0 INTRODUCTION

On behalf of Baltimore Development Corporation and Stadium Square II, LLC, Urban Green Environmental, LLC (Urban Green) has prepared this Phase II Environmental Site Assessment (ESA) Report of the Stadium Square II Property located at 101 to 145 West West Street, 1203 to 1223 Leadenhall Street, 150 West Ostend Street, and 1220 Race Street in Baltimore, Maryland 21230 (Site).

In May 2014, a Phase I ESA was completed at the Site by Urban Green (Urban Green 2014). As identified within the Phase I ESA, recognized environmental conditions (*RECs*) were identified in connection with the Site, consisting of select historic Site uses and regulated materials storage. Specifically, historic Site uses included on-Site manufacturing (since the late 1800s), an automotive repair facility, a motor freight station, and a tannery. Regulated material storage and handling at the Site was observed to include paints, inks, solvents and adhesives stored in containers ranging from quart to 55-gallon drums. Oily staining and paint and ink staining was observed on the concrete floor surfaces.

The objective of this investigation was to further evaluate the *RECs* identified in the Phase I ESA and provide the initial site characterization information to support the participation of the Site in the Maryland Voluntary Cleanup Program (VCP).

This Phase II ESA was performed in general accordance with *State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater Interim Final Guidance, Update No. 2.1* (MDE 2008) and the *MDE VCP Guidance Document* (MDE 2006). The findings of this Phase II ESA are based solely on the data obtained and reviewed as part of this investigation, including observations and conditions that existed at the time of the field investigative activities performed in May and June 2014. Information provided by third parties is assumed to be accurate and complete.

This report was prepared for Baltimore Development Corporation and Stadium Square II, LLC by Urban Green and is based in part on third party information not within the control of Baltimore Development Corporation, Stadium Square II, LLC or Urban Green. While it is believed that the third party information contained herein will be reliable under the conditions and subject to the limitations set forth herein, neither Baltimore Development Corporation, Stadium Square II, LLC nor Urban Green guarantee the accuracy thereof

2.0 SITE LOCATION AND DESCRIPTION

2.1 Site Location and Description

The Site consists of 13 adjoining parcels of land totaling approximately 2.80-acres and is zoned commercial and residential. The Site parcels are segregated into five primary use areas:

- **Furst Brothers** (125 West West Street and 1203 to 1223 Leadenhall Street): Furst Brothers, a picture frame manufacturer, occupies the majority of the western portion of the Site. This portion of the Site is improved with one two-story masonry rowhome in the northern portion (125 West West Street), a single-story metal shed in the northwestern portion (1203 Leadenhall Street), and nine adjoining one- to two-story masonry structures in the remaining portion (1203 to 1223 Leadenhall Street). With the exception of 125 West West Street building, all structures are underlain by concrete-slab-on-grade foundations; the 125 West West Street structure is underlain by a full basement foundation. The buildings were constructed between 1920 and 1968 and have a total enclosed area of 36,264 square feet. The buildings are used for planing, finishing, assembly, storage and offices. Exterior areas consist of asphalt paved parking in the southern portion of the 1223 Leadenhall Street parcel, and along the eastern portion of the buildings.
- **VacPac, Inc.** (150 West Ostend Street and 101 West West Street): VacPac Inc. (previously Durapak), a plastic food packaging manufacturer, occupies the majority of the eastern portion of the Site. The 150 West Ostend Street parcel is improved with two adjoining structures each of which is underlain by concrete-slab-on-grade foundation. The southern building (49,600 square feet) was constructed in 1920. Exterior areas consist of asphalt paved parking and grass-covered areas. The 101 West West Street parcel consists of a partially fenced and maintained grass lawn.
- **US Post Office** (1220 Race Street): The United States Postal Service occupies the southeastern portion of the Site. This portion of the Site is improved with one single-story concrete structure, underlain by a concrete-slab-on-grade foundation. The 7,125 square foot building was constructed in 1965. Exterior areas consist of an asphalt paved parking lot in the eastern portion of the parcel.
- **Residential rowhomes** (127 to 135 West West Street): The northern portion of the Site consists of five two-story residential rowhomes underlain by full basement foundations.
- **Vacant lot** (137 to 145 West West Street): The northwestern portion of the Site consists of a vacant vegetated lot.

A Site location map is attached as Figure 1; a Site plan is attached as Figure 2.

The Site is located in a residential and commercial area of Baltimore City. Properties immediately adjoining the Site consist of:

- North: West West Street beyond which is the ABC Box Company and Baltimore Toolworks.
- South: West Ostend Street beyond which are residential rowhomes to the southeast, a vacant three-story building to the south, and vacant land to the southwest.
- West: Leadenhall Street beyond which is the MC Dean office building.

- East: Race Street beyond which are residential rowhomes.

The Site is serviced by municipal water and sewer provided by the City of Baltimore, natural gas and electric provided by Baltimore Gas and Electric (BGE), and steam provided by Veolia Energy. Heat is provided to the Site buildings by a combination of natural gas-fired units, electric-fired forced air units and/or district steam-fired overhead heaters.

2.2 Environmental Setting

2.2.1 Topography

According to the U.S. Geological Survey (USGS) topographic map of Baltimore East (1974), Site elevation is approximately 20 feet above mean sea level. In general, the subject property's slope is relatively flat sloping slightly to the southwest. Overland stormwater flow discharges directly to the subsurface in the grass-covered areas of the Site and is directed to stormwater catch basins located within the surrounding thoroughfares. Site topography is also illustrated in Figure 1.

The nearest surface water body, the Middle Branch of the Patapsco River, is located approximately 1,200 feet southwest of the Site.

2.2.2 Geology

According to the Maryland Geologic Survey 1968 Geologic Map of Maryland, the Site lies within the Atlantic Coastal Plain Physiographic Province and is underlain by the Patuxent Formation of the Potomac Group. Soils within this formation consist of Cretaceous age soils consisting of sand, gravel and multicolored silt and clay.

2.2.3 Lithology

According to the 1998 Soil Survey of City of Baltimore, Maryland, the Site is underlain by soils of the Urban Land Complex characterized by a 0 to 15 percent slope. The 1998 Soil Survey text defines the Urban Land Complex as an area where more than 80% of the surface is covered by asphalt, concrete, buildings, or other impervious structures.

Based on field observations, the soil lithology at the Site consisted of fill materials (coarse sand, gravel, and brick) to depths of 3.5 to 14 feet below grade underlain by sandy clay and clays to the maximum drilling depth of 16 feet below grade.

2.3 Site History

Based on historic records, the Site was originally developed between 1890 and 1901 and has been occupied with several commercial operations and residential rowhomes. The Site has been

occupied by the current operations since between 1942 (Furst Brothers) and 1967 (US Post Office). Specific historical parcel improvements and occupants included:

- ***Furst Brothers (addresses 1203 to 1227 Leadenhall Street and 198 West Ostend Street):*** The parcels have been operated by Furst Brothers since at least 1974. The existing buildings appear to have been constructed between 1890 (1223 Leadenhall Street) to 1950 (1203 Leadenhal Street) with the exception of the metal shed in the northwestern portion of the 1203 Leadenhall Street parcel which was constructed around 1974. Historic occupants have included Furst Brothers & Company (1942 to present), Baltimore Cooperage Tank and Tower Company (1901 to 1952), Baltimore Roofing and Tar Company (1901), and Lorentz & Rittler Phosphate Factory (1890).
- ***Vac Pac (addressed 150 West Ostend Street and 1202 to 1204 Race Street):*** The parcel has been operated by VacPac (and previously Durapak) since at least 1974. The existing four-story building located in the southern portion of the parcel was constructed circa 1914 with several smaller building additions along the northern portion of the building between 1914 and 1967. Prior to the construction of the single-story building in the northern portion of the parcel (circa 1974), this area was developed with four single-story buildings between at least 1950 and 1952 and several sheds between 1901 and 1914. Historic occupants have included Durapak Manufacturing Company (1958 to present), Gatch Wire Goods Company (1946 to 1952), multiple trucking/freight operations (1930 to 1958), Furst Brothers & Company (1914 to 1930), a livery (1914 to 1901), Baltimore Moulding Company, carriage painting, and coal and wood yard (1901), and Lorentz & Rittler Phosphate Factory and Spring Garden Tannery (1890).
- ***Existing US Post Office (addresses 1220 to 1234 Race Street and 148 West Ostend Street):*** The parcel has been developed with the existing structure since at least 1967. Between 1901 and 1952 the parcel was developed with several smaller structures including a small single story automotive repair building between 1950 and 1952, and a small storage building in 1901. Historic occupants have included US Post Office (1967 to present), automotive repair and used car sales (1950 to 1952), lumber storage (1914), and storage boxes (1901).
- ***Vacant Lot, Residential Rowhomes and Northern Portion of Vac Pac (addresses 101 to 145 West West Street)*:** The parcels have been improved with up to 23 semi-adjoining two-story residential rowhome structures since at least 1890. Commercial occupants have also included Furst Brothers (1984 to present), a store (1950 to 1974) and a saloon (1901 to 1914) at the 125 West West Street parcel, and a church (1950 to 1952) and a store (1890 to 1914) at 145 West West Street.

2.4 Future Development

At the time of this investigation, the proposed redevelopment of the Site has not been finalized, however, it is anticipated the Site will be redeveloped into a mixed use development, including residential land use (Tier 1B, Restricted Residential).

The term restricted residential refers to the planned use of the property that allows exposure and access by all populations including infant, children, elderly, and infirmed populations. Tier 1 properties typically include single-family and multi-family dwellings, hospitals and health care facilities, education facilities, day care facilities, playgrounds and other recreational areas.

2.5 Prior Environmental Investigations

Urban Green completed a Phase I ESA of the Site in May 2014. As identified within the Phase I ESA, several RECs have been identified in connection with the Site parcel including:

- ***Historic Site Use:*** The Site has been occupied by manufacturing facilities since 1890; historic operations have also included an automotive repair facility, a motor freight station, and a tannery. In 2005, a limited soil and groundwater investigation was performed in the eastern portion of the Site (150 West Ostend Street) which identified elevated concentrations of semi-volatile organic compounds (SVOCs) and metals in excess of the MDE Cleanup Standards.
- ***Regulated Material Storage:*** Regulated material storage at the Site consists of paints, inks, solvents and adhesives stored in containers ranging from quart to 55-gallon drums. Oily staining and paint and ink staining was observed on the concrete floor surfaces throughout the Site as a result of daily operations. Prior to vacating the buildings, it was recommended that the above materials be removed by the tenants in accordance with state and federal guidelines.

Additional action and investigation was recommended to further evaluate the potential for the above RECs to have impacted the environmental integrity of the Site.

In addition, Urban Green Environmental was provided with one prior environmental assessment report.

In September 2005, a *Limited and Focused Subsurface Soil and Groundwater Investigation* was prepared for Vac Pac, Inc. located at 150 West Ostend Street, by LCS, Inc. This investigation was performed based on the results of a *Transaction Screen Environmental Site Assessment* performed in August 2005 by LCS which identified the following potential environmental conditions:

- An unknown pipe was observed protruding from the furnace floor.
- The current property use as a plastic bag manufacturing and printing facility and the historic property use as a tannery.
- The current and historic hazardous material storage including inks, solvents and adhesives since at least 1960.

In order to further evaluate the identified potential environmental conditions, a soil and groundwater investigation was performed in September 2005 which consisted of:

- 10 soil borings (BH1 through BH10) were advanced throughout the exterior portions of the Site using direct push technologies to depths of approximately 12 to 15 feet below grade. Based on field observations, select soil samples were collected from soil borings BH4, BH6, BH9, and BH10 for laboratory analysis of volatile organic compounds (VOCs), SVOCs and/or

RCRA metals. Three of the borings (BH4, BH6, and BH10) were completed as temporary groundwater monitoring wells (TPMW1 through TMPW3). One grab groundwater sample was collected from each well for laboratory analysis of VOCs, SVOCs and RCRA metals.

- Results of the investigation identified concentrations of SVOCs and metals in soil and groundwater in excess of the applicable MDE Cleanup Standards. Low concentrations of VOCs were reported in the soil and groundwater samples which did not exceed the MDE Cleanup Standards. Results of the investigation are presented on Figure 3 and Tables 1 and 2.

3.0 INVESTIGATION METHODS

3.1 Purpose and Objectives

The objective of this Phase II ESA was to further evaluate the RECs identified in the Phase I ESA and to provide the initial site characterization information which will likely be required for participation in the Maryland VCP. Specifically, the scope of this investigation consisted of the following tasks:

- Advancement of 13 soil borings (SB-1, SB-2, SB-2A, and SB-3 through SB-12) throughout the Site to depths of approximately 16 feet below grade or the groundwater interface. Three soil borings (SB-1, SB-2 and SB-2a) were completed as a temporary groundwater wells.
- Advancement of five soil gas sampling points (SG-1 through SG-5) throughout the Site buildings for the collection of soil gas samples.
- Field screening of select soil samples (at two foot intervals) collected from each soil boring for the presence of total volatile organic compounds (VOCs).
- Collection of select, discrete soil samples from each soil boring for fixed laboratory analysis of one or more of the following suite of analytes: VOCs, SVOCs/polycyclic aromatic hydrocarbons (PAHs), priority pollutant list (PPL) metals and elemental mercury, total petroleum hydrocarbons – diesel range organics and gasoline range organics (TPH DRO/GRO), polychlorinated biphenyls (PCBs), pesticides and herbicides, oil and grease, and toxicity characteristic leaching procedure (TCLP) lead.
- Collection of groundwater samples from the three temporary and four existing permanent groundwater monitoring wells for fixed laboratory analysis of VOCs.
- Collection of soil gas samples from the five soil gas points for fixed laboratory analysis of VOCs.

In general, soil boring, temporary groundwater monitoring wells locations and soil gas sampling locations were biased towards areas of concerns.

The work tasks and associated field sampling activities described below were performed in general accordance with the *MDE VCP Guidance Document* (MDE 2006) and the *State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, Interim Final Guidance* (MDE 2008).

3.2 Field Investigation Procedures

Fieldwork for the subsurface investigation was conducted between May and June 2014. The following report sections summarize the field sampling and laboratory-analysis methodologies implemented during the investigation. Photographs of the investigation are provided in Appendix A.

3.2.1 Utility Mark Out

Prior to initiating field activities, Urban Green coordinated with MissUtility and a private utility mark out subcontractor, to complete the required dig permit and obtain utility clearance for the Site investigation areas. In addition, Urban Green personnel conducted a Site visit to confirm the proposed soil boring locations and below grade utility markings.

3.2.2 Soil Investigation and Sampling

On May 12 and June 5, 2014, under the supervision of Urban Green personnel, 13 soil borings were advanced at the Site. Soil borings were advanced to 16 feet below grade using direct push drilling technologies. Drilling services were performed by Tidewater, Inc. of Elkridge, Maryland or Green Services, Inc. of Bel Air Maryland. The direct push technology method utilizes a two-inch inner diameter, four-foot long, stainless steel sampler lined with a dedicated high-density polyethylene (HDPE) liner. The HDPE-lined stainless steel sampler is hydraulically driven into the subsurface for soil core retrieval.

A log of field activities, including logs of the soil borings and photographs, was maintained throughout the field activities. Site photographs are included as Appendix A. Soil boring logs, including soil lithology, recovery and field observations are provided in Appendix B. A summary of the soil borings is provided below; soil boring locations are presented in Figure 2.

- *SB-1 – General Site Characterization:* SB-1 was advanced in the gravel/exposed soil parking lot along the northwestern portion of the Site for general Site characterization. SB-1 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately eight feet below grade. SB-1 was completed as temporary groundwater well TW-1.
- *SB-2 – Historic Automotive Repair Facility:* SB-2 was advanced in the asphalt parking lot along the northern portion of the 1220 Race Street parcel in proximity to historic automotive repair operations. SB-2 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately nine feet below grade. SB-2 was completed as temporary groundwater well TW-3.
- *SB-2a – General Site Characterization:* SB-2a was advanced in the asphalt parking lot along the southeastern portion of the 150 West Ostend Street parcel (adjacent to Race Street) for general Site characterization. SB-2a was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately 12 feet below grade. SB-2 was completed as temporary groundwater well TW-2.
- *SB-3 – Current and Historic Manufacturing Operations and Unknown Piping:* SB-3 was advanced in the southeastern portion of the asphalt parking lot along the western portion of the 1203 to 1223 Leadenhall Street parcel in proximity to current and historic picture frame manufacturing and historic cooperage, roofing and fertilizer production operations and unknown piping. SB-3 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately eight feet below grade.

- *SB-4 – Current and Historic Manufacturing Operations and Prior Sample Location:* SB-4 was advanced in the asphalt parking lot along the eastern portion of the 150 West Ostend Street in proximity to current and historic plastic food packaging operations and historic roofing, picture frame manufacturing, tanning, molding, wiring and fertilizer production operations, and 2005 LCS Phase II sampling location BH4/TPMW1. SB-4 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately 12 feet below grade.
- *SB-5 – General Site Characterization:* SB-5 was advanced in the maintained lawn area in the northern portion of the 101 West Ostend Street parcel for general Site characterization. SB-5 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately eight feet below grade.
- *SB-6 – Current Manufacturing Operations:* SB-6 was advanced in the asphalt parking lot loading dock area along the northern portion of the 150 West Ostend Street parcel in proximity to a historic motor freight station, coal and lumber yard and carriage painting. SB-6 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately eight feet below grade.
- *SB-7 – Current and Historic Manufacturing Operations:* SB-7 was advanced in the northern portion of the asphalt parking lot along the eastern portion of the 1203 to 1223 Leadenhall Street parcel in proximity to current and historic picture frame manufacturing and historic cooperage, roofing and fertilizer production operations. SB-7 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately eight feet below grade.
- *SB-8 – General Site Characterization:* SB-8 was advanced in the asphalt paved parking area in the southeastern portion of the 1220 Race Street parcel for general Site characterization. SB-8 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately nine feet below grade.
- *SB-9 – Current and Historic Manufacturing Operations:* SB-9 was advanced in a grass alley located along the eastern portion of the 150 West Ostend Street parcel in proximity to current and historic plastic food packaging operations and historic roofing, picture frame manufacturing, tanning, molding, wiring, fertilizer production and automotive repair operations. . SB-9 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately 12 feet below grade.
- *SB-10 – Current and Historic Manufacturing Operations (presumed downgradient location) and Prior Sample Location:* SB-10 was advanced in the partially paved alley located along the eastern portion of the 1203 to 1223 Leadenhall Street parcel in proximity to current and historic manufacturing operations and a previously installed groundwater monitoring well.. SB-10 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately nine feet below grade.
- *SB-11 – Current and Historic Manufacturing Operations:* SB-11 was advanced in a partially paved alley located along the eastern portion of the 1203 to 1223 Leadenhall Street parcel in proximity to a historic iron shaving vault and current wood shaving silo, current and historic picture frame manufacturing and historic cooperage, roofing and fertilizer production operations. SB-11 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately 12 feet below grade.
- *SB-12 –Historic Motor Freight Station:* SB-12 was advanced in a partially paved alley located along the eastern portion of the 150 West Ostend Street parcel in proximity to a historic motor freight

station, coal and lumber yard and carriage painting. SB-12 was advanced to a depth of 16 feet below grade; groundwater was encountered at approximately 12 feet below grade.

Immediately following the direct push sampler retrieval, the HDPE sample liner was opened by the Urban Green Environmental Scientists, and screened at approximate two-foot intervals for evidence of total VOCs using a photoionization detector (PID). Discrete grab soil samples were then collected directly from the sample core liner using disposable, dedicated aseptic sampling devices. Results of the field screening for total VOCs using a PID were indicative of background field screening readings throughout the majority of the soil borings and no evidence of a release, such as a chemical odor or staining was observed, with the exception of the following:

- Soil boring SB-2a exhibited a strong petroleum odor and staining from six to 12 feet below grade. An elevated PID reading of 374.4 parts per million by volume (ppmv) was observed in soil boring SB-2a from six to eight feet below grade.
- Soil boring SB-7 exhibited a moderate to strong solvent odor from four to 16 feet below grade. An elevated PID reading of 17.1 ppmv was observed in soil boring SB-7 from six to eight feet below grade.

Based on field screening and visual observations, surface soil samples (zero to three feet below grade due to concrete and brick fill to two feet below grade in soil boring SB-7), subsurface soil samples (four to eight feet below grade) and deep subsurface samples (14 to 16 feet below grade due to a strong solvent odor and metallic sheen observed in soil boring SB-7) were collected from the soil borings.

Soil samples were collected using dedicated sampling equipment and placed into new, clean sample containers. The soil samples were labeled with sample designation, date and time, and the required analyses. Soil samples were then placed on ice in a portable cooler prior to hand-delivery to either Envirosystems in Columbia, Maryland, Fredericktowne Labs in Myersville, Maryland or Caliber Analytical Service in Towson, Maryland. Chain of custody (COC) forms were maintained (and accompanied the samples in transit) to provide a record of samples from collection to analyses. The select soil samples were submitted for fixed laboratory analysis of one or more of the following: SVOCs via USEPA method 8270C, pesticides via USEPA method 8151A, herbicides via USEPA method 8081A, and PCBs via USEPA method 8082 (submitted to Envirosystems), PPL metals via USEPA method 6020A, PAHs via USEPA method 8270C (submitted to Caliber Analytical Services), VOCs via USEPA method 8260B and TPH DRO/GRO via USEPA method 8015 (submitted to Fredericktowne Labs or Caliber Analytical Services). Further, based on initial analytical results, select soil samples were analyzed by Caliber Analytical Services for oil and grease via USEPA method 9071B, TCLP lead via USEPA method 6020A, or elemental mercury via USEPA method 3200.

3.2.3 Groundwater Investigation and Sampling

On May 12, 2014 and June 5, 2014, following the collection of soil samples, soil borings SB-1, SB-2 and SB-2a were completed as temporary groundwater monitoring wells (TW-1 through TW-3). The wells were installed to depths of approximately 16 feet below grade and constructed using 10 feet of 1-inch diameter flush-threaded PVC screen (0.020 slot) and completed with solid PVC riser to the ground surface to allow for the collection of grab groundwater samples.

Additionally, Urban Green personnel observed four existing permanent groundwater monitoring wells during the May 2014 Phase I Site reconnaissance. Based on gauging results, the wells appeared to have been completed to between 10 and 15 feet below grade, appeared intact and able to produce sufficient groundwater for sampling.

On May 12, May 13, and June 5, 2014, one grab groundwater sample was collected from each of the wells. Specifically, on May 12, 2014, temporary groundwater monitoring wells TW-1 and TW-2 were sampled using dedicated plastic tubing and a peristaltic pump; on May 13, 2014, the four permanent groundwater monitoring wells (GW-1 through GW-4) were sampled using dedicated disposable hollow tube ball and check valve bailers; and on June 5, 2014, temporary groundwater monitoring well TW-3 was sampled using dedicated plastic tubing and a peristaltic pump.

The groundwater samples were placed in new laboratory-supplied glass sample 40-ml VOAs and preserved. The samples were labeled with sample designation, date and time, and the required analyses. The groundwater samples were then placed on ice in a portable cooler prior to being delivered to Envirosystems in Columbia, Maryland for analysis of VOCs via USEPA Method 8260B, with the exception of groundwater sample TW-3 which was submitted to Caliber Analytical Services in Towson, Maryland for analysis of VOCs via USEPA Method 8260B. COC forms were maintained (and accompanied the samples in transit) to provide a record of samples from collection to analyses.

3.2.4 Soil Gas Investigation and Sampling

On May 12 and June 5, 2014 five soil borings (SG-1 through SG-5) were advanced at the Site to a depth of two-feet below grade (concrete floor slab) and completed as soil gas sampling points using hammer drill technologies. A summary of the soil gas sampling points is provided below; soil gas locations are presented in Figure 2.

- *SG-1 – Current Assembly Operations:* SG-1 was advanced in the southeastern portion of the 1203 to 1223 Leadenhall Street parcel Site building in the vicinity of current assembly operations.
- *SG-2 – Current Finishing Operations:* SG-2 was advanced in the central portion of the 1203 to 1223 Leadenhall Street parcel Site building in the vicinity of current finishing operations.

- *SG-3 –Regulated Material Storage:* SG-3 was advanced within the air compressor room located in the northwestern portion of the 150 West Ostend Street parcel Site building and in the vicinity of hydraulic oil storage.
- *SG-4 –Printing Operations:* SG-4 was advanced in the eastern portion of the 150 West Ostend Street parcel Site building in the vicinity of several active printing machines.
- *SG-5 – Historical Automotive Repair Operations:* SG-5 was advanced in the northeastern portion of the 1220 Race Street parcel Site building to evaluate prior historical automotive repair operations.

Following soil boring installation, one new stainless steel vapor implant, attached to approximately five feet of 3/16 inch Teflon tubing, was placed into each boring with the screened section of the vapor implant situated at the base of the boring. Following placement of the vapor implant, the surrounding annulus was backfilled with clean No. 2 well sand to a depth of approximately 6 inches above the vapor implant, and capped with a hydrated bentonite seal to surface grade. Each soil gas sampling location was allowed to equilibrate for approximately 24 hours prior to collecting the soil gas sample.

On May 13 and June 6, 2014, soil gas sampling was performed at the Site. Prior to connection of the soil gas sampling probe, each soil gas sampling location was purged of approximately three volumes of soil gas using a hand pump. Following purging, a Summa Canister® affixed with an 8-hour flow controller was attached to the Teflon tubing of each sampling location. Soil gas was then sampled from each soil gas sampling point for an approximate 8-hour period. Following sample collection, each canister was closed, sealed, and hand delivered under strict COC to Maryland Spectral Services, Inc. of Baltimore, Maryland for laboratory analysis of VOCs by USEPA Method TO-15.

3.2.5 Quality Assurance/Quality Control Procedures

QA/QC protocols covered general aspects of measurement systems design and implementation, including sampling methods, data handling, and QC measures employed. QA/QC procedures followed during the investigation included the use of dedicated sampling equipment for all sampling activities.

3.2.6 Sample Handling/Chain of Custody

Soil and groundwater samples were hand delivered, via strict chain-of-custody, to either Envirosystems of Columbia, Maryland, Fredericktowne Labs in Myersville, Maryland, or Caliber Analytical Service in Towson, Maryland for fixed laboratory analysis of one or more of the following: VOCs via USEPA method 8260B, SVOCs/PAHs via USEPA method 8270C, PPL metals via USEPA method 6020A, TPH DRO/GRO via USEPA method 8015, pesticides via USEPA method 8151A, herbicides via USEPA method 8081A, PCBs via USEPA method 8082, oil and grease via USEPA method 9071B, TCLP lead via USEPA method 6020A, and elemental mercury via USEPA method 3200.

Soil gas samples were hand delivered to Maryland Spectral Services, Inc. of Baltimore, Maryland for laboratory analysis of VOCs by USEPA Method TO-15.

Analysis was performed on a standard one to three week turn around.

3.2.7 Decontamination and Investigation-Derived Material Handling Procedures

The primary objective of the decontamination process was to prevent the accidental introduction of potential contaminants to non-contaminated areas and/or samples. During field activities, a designated decontamination area was established and equipped with decontamination equipment (wash bucket, brushes, spray bottles, potable water, distilled water, towels, etc.) to adequately decontaminate the equipment used on-site. To the maximum extent possible, dedicated equipment was used at each media sample location.

Sampling equipment that was not dedicated to one sample location was washed with a medical-grade detergent wash, rinsed with distilled water and allowed to air dry.

Following completion of each soil boring, soil cuttings generated during sampling activities were placed back into the boring.

4.0 PHASE II ESA INVESTIGATION RESULTS

4.1 Site Conditions

4.1.1 Lithology

Based on field observations, the soil lithology at the Site consisted of fill materials (coarse sand, gravel, and brick) to depths of 3.5 to 14 feet below grade underlain by sandy clay and clays to the maximum drilling depth of 16 feet below grade.

With the exception of borings SB-2a and SB-7, results of the field screening for total VOCs using a PID were indicative of background field screening readings and no evidence of a release, such as a chemical odor or staining was observed. An elevated PID reading of 374.4 ppmv was observed in soil boring SB-2a from six to eight feet below grade accompanied by a strong petroleum odor and staining from six to 12 feet below grade. Additionally, an elevated PID reading of 17.1 ppmv was observed in soil boring SB-7 from six to eight feet below grade accompanied by a moderate solvent odor from four to 16 feet below grade.

4.2 Soil Analytical Results

Surface soil samples (zero to three feet below grade) and subsurface soil samples (four to eight feet below grade) were collected from each soil boring, and one deep subsurface soil sample was collected from soil boring SB-7 (14 to 16 feet below grade).

In total, 11 surface soil samples, 12 subsurface soil samples and one deep subsurface soil sample were submitted for laboratory analysis of one or more of the following: VOCs, SVOCs/PAHs, PPL metals, TPH DRO/GRO, pesticides, herbicides, and/or PCBs. Further, based on initial analytical results, seven soil samples were further analyzed for oil and grease, TCLP lead or elemental mercury.

To assess whether there has been an impact to the soil by the historic operations, the analytical results were compared to the Maryland Department of the Environment (MDE) Cleanup Standards for Residential Soil. In addition, the soil sample results for metals were also compared to the eastern Maryland Anticipated Typical Concentrations (ATC); the MDE VCP recognizes the greater of the MDE Cleanup Standards for Residential Soil or the ATC as the applicable cleanup standard.

A summary of the soil laboratory analytical results are presented on Table 1 and Figure 4a. A copy of the fixed laboratory analytical report is provided in Appendix C.

VOCs

Thirteen soil samples were submitted for analysis of VOCs. Low concentrations of up to 14 analytes were reported in four of the soil samples (SB-2a 6-8, SB-7 14-16, SB-9 4-5, SB-12 4-5, and SB-11 4-5); no concentrations exceeded their respective MDE Cleanup Standard for Residential Soil.

SVOCs/PAHs

Eighteen soil samples were analyzed for PAHs and four soil samples (SB-2 0-1, SB-2 4-5, SB-8 0-1 and SB-8 4-5) were analyzed for SVOCs. Detectable SVOC and/or PAH concentrations were reported in all soil samples. The following seven PAHs were reported in excess of their respective MDE Cleanup Standards for Residential Soil:

- Benzo(a)anthracene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 6 micrograms per kilogram µg/kg (SB-1 4-5 and SB-6 0-1) to 150,000 µg/kg (SB-4 0-1); concentrations in 14 samples exceeded the MDE Cleanup Standards for Residential Soil of 220 µg/kg.
- Benzo(a)pyrene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 15 µg/kg (SB-6 0-1) to 57,000 µg/kg (SB-4 4-5). Concentrations in 20 samples exceeded the MDE Cleanup Standards for Residential Soil of 22 µg/kg.
- Benzo(b)fluoranthene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 20 µg/kg (SB-1 0-1) to 79,000 µg/kg (SB-4 4-5). Concentrations in 14 samples exceeded the MDE Cleanup Standards for Residential Soil of 220 µg/kg.
- Benzo(k)fluoranthene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 13,000 µg/kg (SB-1 4-5) to 77,000 µg/kg (SB-4 4-5); only one sample exceeded the MDE Cleanup Standards for Residential Soil of 22,000 µg/kg (77,000 µg/kg in SB-4 4-5).
- Chrysene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 18 µg/kg (SB-1 4-5) to 150,000 µg/kg (SB-4 0-1). Concentrations in three samples (SB-4 0-1, SB-4 4-5 and SB-7 2-3) exceeded the MDE Cleanup Standards for Residential Soil of 22,000 µg/kg.
- Dibenz(a,h)anthracene was reported in 16 samples at concentrations ranging from 7 µg/kg (SB-1 0-1) to 9,100 µg/kg (SB-4 4-5). Concentrations in 13 samples exceeded the MDE Cleanup Standards for Residential Soil of 22 µg/kg.

- Indeno(1,2,3-cd)pyrene was reported in all samples with the exception of SB-9 4-5 at concentrations ranging from 9 µg/kg (SB-8 4-5) to 23,000 µg/kg (SB-4 4-5). Concentrations in 11 samples exceeded the MDE Cleanup Standards for Residential Soil of 220 µg/kg.

PPL Metals

Twenty-two soil samples were submitted for analysis of PPL metals. With the exception of antimony, arsenic, lead and mercury, no PPL metals were reported in soil above the MDE Cleanup Standards for Residential Soil and/or the ATC. Specifically,

- Antimony was reported in three soil samples at concentrations of 2.7 milligrams per kilogram (mg/kg) (SB-5 0-1), 6.2 mg/kg (SB-10 4-5) and 40 mg/kg (SB-10 0-1), of which one sample (SB-10 0-1 at 40 mg/kg) exceeds the ATC of 6 mg/kg.
- Arsenic was reported in all 22 soil samples at concentrations ranging from 2.5 mg/kg (SB-3 0-1) to 53 mg/kg (SB-10 0-1). Concentrations in nine soil samples exceeded the MDE Cleanup Standard of 6 mg/kg[1].
- Chromium was reported in all 22 soil samples at concentrations ranging from 12 mg/kg (SB-1 4-5) to 45 mg/kg (SB-9 0-1). Concentrations in four soil samples (SB-3 0-1, SB-5 0-1, SB-8 4-5 and SB-9 0-1 ranging from 30 mg/kg to 45 mg/kg) exceeded the ATC of 23 mg/kg.
- Lead was reported in all 22 soil samples at concentrations ranging from 8.6 mg/kg (SB-9 4-5) to 2,900 mg/kg (SB-2 0-1). Concentrations in seven soil samples exceeded the MDE Cleanup Standard for Residential Soil 400 mg/kg. The two soil samples exhibiting the highest concentrations of lead [SB-2 0-1 (2,900 mg/kg) and SB-10 0-1 (880 mg/kg)] were further analyzed for TCLP lead. TCLP lead was not detected in either soil sample.
- Mercury was reported in 20 soil samples at concentrations ranging from 0.10 mg/kg (SB-3 0-1) to 5.60 mg/kg (SB-2 4-5). Concentrations in 16 samples exceeded the ATC of 0.51 mg/kg. The three samples with the highest mercury concentrations (5.60 mg/kg in SB-2 4-5, 2.9 mg/kg in SB-4 0-1 and 1.5 mg/kg in SB-5 0-1) were speciated for elemental mercury. The results of the analysis identified elemental mercury concentrations of 2.65 mg/kg (SB-2 4-5), 0.571 mg/kg (SB-4 0-1) and 0.649 mg/kg (SB-5 0-1), all of which exceeded the ATC of 0.51 mg/kg.

TPH DRO/GRO and Oil and Grease

Four soil samples (SB-3 4-5, SB-7 2-3, SB-11 4-5 and SB-12 4-5) were submitted for fixed laboratory analysis of TPH DRO/GRO. Two soil samples (SB-3 4-5 and SB-7 2-3) were submitted for fixed laboratory analysis of oil and grease.

[1] Pursuant to the July 2013 Memorandum issued by the MDE regarding the bioavailibility of arsenic, the standard has been adjusted to 6 mg/kg based on the assumption that 60% of the arsenic reported would be considered bioavailable.

No detectable concentrations of TPH-GRO were reported in the soil samples.

TPH DRO was reported in two soil samples (SB-3 4-5 at 590 mg/kg and SB-7 2-3 at 4,500 mg/kg). These concentrations exceed the MDE Cleanup Standard for Residential Soil.

Oil and Grease was reported in two soil samples (SB-3 4-5 at 670 mg/kg and SB-7 2-3 at 7,400 mg/kg). There is no published MDE Cleanup Standard for Oil and Grease for comparison.

PCBs, Pesticides and Herbicides

Two soil samples (SB-3 0-1 and SB-4 0-1) were submitted for fixed laboratory analysis of PCBs, pesticides and herbicides.

No detectable concentrations of PCBs or herbicides were reported in the soil samples.

Concentrations of the pesticides 4,4-DDT and methoxychlor were reported in soil sample SB-4 0-1 at 3.7 mg/kg and 140 mg/kg, respectively, which exceed the MDE Cleanup Standards for Residential Soil of 1.9 mg/kg and 39 mg/kg, respectively.

4.3 Groundwater Analytical Results

Seven groundwater samples were collected from the Site. One grab groundwater sample was collected from each of the three temporary groundwater monitoring wells (TW-1 through TW-3) and the four existing permanent groundwater monitoring wells (GW-1 through GW-4), and submitted for fixed laboratory analysis of VOCs. To assess whether there has been an impact to the groundwater by the historic operations, the analytical results were compared to the MDE Cleanup Standards for Groundwater.

A summary of the groundwater laboratory analytical results are presented in Table 2 and Figure 4a. A copy of the fixed laboratory analytical report is provided in Appendix C.

As shown on Table 2, low concentrations of up to 10 analytes were reported in the groundwater samples. With the exception of benzene, no concentrations exceeded the MDE Cleanup Standards for Groundwater. Benzene was reported in groundwater sample TW-2 at a concentration of 65 milligrams per liter (mg/L), which exceeds the MDE Cleanup Standard for Groundwater of 5 mg/L.

4.4 Soil Gas Analytical Results

Five soil gas samples (SG-1 through SG-5) were collected from the Site and submitted for laboratory analysis of VOCs via USEPA Method TO-15. A summary of the soil gas laboratory analytical results is presented on Table 3 and Figure 4b. A copy of the fixed laboratory analytical report is provided in Appendix C.

As shown in Table 3, concentrations of 18 VOCs were detected in the soil gas samples. An elevated concentration of tetrachloroethene was reported in sample SG-2 (256 micrograms per cubic meter [µg/m^3]) and concentrations trichloroethane were reported in samples SG-2 (45.8 µg/m^3) and SG-3 (659 µg/m^3); these concentrations exceed their MDE Tier 1 Residential Target Soil Gas Concentrations of 36 µg/m^3. The remaining reported concentrations were below their respective MDE Tier 1 Residential Target Soil Gas concentrations.

5.0 DISCUSSION OF RESULTS

On behalf of Baltimore Development Corporation and Stadium Square II, LLC, Urban Green Environmental, LLC (Urban Green) has prepared this Phase II Environmental Site Assessment (ESA) Report of the Stadium Square II Property located at 101 to 145 West West Street, 1203 to 1223 Leadenhall Street, 150 West Ostend Street, and 1220 Race Street in Baltimore, Maryland 21230. The objective of this investigation was to further evaluate the *RECs* identified in the Phase I ESA and provide the initial site characterization information to support the participation of the Site in the Maryland Voluntary Cleanup Program (VCP).

The scope of this investigation consisted of advancing 13 soil borings (SB-1 through SB-12 and SB-2a), three of which were completed as temporary groundwater monitoring wells, and five soil gas points (SG-1 through SG-5) at the Site. The soil borings were advanced to depths of 16 feet below grade; groundwater was encountered at depths of approximately eight to 12 feet below grade, and three soil borings (SB-1, SB-2 and SB-2a) were completed as temporary groundwater monitoring wells (TW-1 through TW-3). In general, soil boring and soil gas sampling locations were biased towards areas of concerns.

In total, 11 surface soil samples, 12 subsurface soil samples and one deep subsurface soil sample were collected and submitted for fixed laboratory analysis of VOCs, SVOCs/PAHs, PPL Metals, TPH DRO/GRO, pesticides, herbicides and/or PCBs. Further, based on initial analytical results, seven of the soil samples were analyzed for oil and grease, TCLP lead or elemental mercury. Seven grab groundwater samples were collected from the three temporary groundwater monitoring wells and four existing permanent groundwater monitoring wells and submitted for fixed laboratory analysis of VOCs. Five soil gas samples were collected from the soil gas sample locations and submitted for fixed laboratory analysis of VOCs.

5.1 Soil

No concentrations of VOCs, TPH GRO, herbicides or PCBs were reported above the MDE Cleanup Standards for Residential Soil.

Concentrations of seven PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, chrysene and indeno(1,2,3-cd)pyrene) were reported in excess of the currently applicable MDE Cleanup Standards for Residential Soil. Specifically:

- Elevated concentrations of the seven PAHs were reported in excess of the currently applicable MDE Cleanup Standards for Residential Soil in subsurface samples collected from soil boring SB-4.

- Elevated concentrations of one to six PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, chrysene or indeno(1,2,3-cd)pyrene) were reported in excess of the currently applicable MDE Cleanup Standards for Residential Soil in the remaining samples with the exception of surface samples collected from soil boring SB-6.

Concentrations of five PPL metals (antimony, arsenic, chromium, lead and mercury) were reported in excess of the applicable MDE Cleanup Standards for Residential soil and/or the ATC. Specifically,

- Elevated concentrations of antimony were reported in surface samples collected from soil boring SB-10.
- Elevated concentrations of arsenic were reported in 18 of 22 soil samples.
- Elevated concentrations of chromium in surface samples collected from soil borings SB-3, SB-5 and SB-9, and in subsurface samples collected from soil boring SB-8.
- Elevated concentrations of lead were reported in surface samples from soil borings SB-2, SB-5 and SB-10, and in subsurface samples collected from soil borings SB-1, SB-2, SB-6 and SB-10.
- Elevated concentrations of mercury were reported in 16 of 22 soil samples.

Due to elevated lead levels reported in the surface samples collected from soil borings SB-2 and SB-10, these samples were speciated for TCLP lead; TCLP lead was not detected in either soil sample.

Due to elevated mercury levels reported in the surface samples collected from soil borings SB-4 and SB-5 and in subsurface samples collected from soil boring SB-4, these samples were speciated for elemental mercury. The results of the analysis identified elemental mercury concentrations which above the MDE Cleanup Standards for Residential Soil.

Lastly, the pesticides 4,4-DDT and methoxychlor were reported in surface samples collected from soil boring SB-4 which exceed the MDE Cleanup Standards for Residential Soil.

5.2 Groundwater

Seven grab groundwater samples (TW-1 through TW-3 and GW-1 through GW-4) were collected from the Site. Low concentrations of up to ten analytes were reported in the groundwater samples; no concentrations exceeded the MDE Cleanup Standards for Groundwater with the exception of benzene which was reported in groundwater sample TW-2.

5.3 Soil Gas

Low concentrations of several VOCs were reported in the soil gas samples collected from the Site. A concentration of tetrachloroethene was reported in sample SG-2 and concentrations of

trichloroethane were reported in soil gas samples SG-2 and SG-3 which exceeded the MDE Tier 1 Residential Target Soil Gas Concentrations of 36 µg/m3.

5.4 Conclusions

In addition to the soil, groundwater and soil gas sampling performed as part of this investigation, Urban Green was provided with a copy of a *Limited and Focused Subsurface Soil and Groundwater Investigation* which was performed across the 150 West Ostend Street Site parcel in 2005. Combined, these investigations have included comprehensive sampling and analysis of soil, groundwater, and soil gas across the Site, biased towards areas of potential concern and to provide general Site conditions. Specifically, these investigations consisted of the advancement of 23 soil borings, six temporary groundwater monitoring wells and five soil gas points. Ten surface and 12 subsurface soil samples were analyzed for PPL metals and PAHs/SVOCs; two surface soil samples were analyzed for PCBs, pesticides and herbicides; and four subsurface soil samples were analyzed for TPH DRO/GRO. Based on the initial results an additional two soil samples were analyzed for TCLP lead, three soil samples were analyzed for elemental mercury, and two soil samples were analyzed for oil and grease. In addition, ten groundwater samples have been analyzed for SVOCs, RCRA metals and/or VOCs. Lastly, five soil gas samples have been collected and analyzed for VOCs.

The results of these investigations identified the following:

- ***Soil:*** elevated concentrations of metals and PAHs were identified in soil above the applicable MDE Cleanup Standards, across the Site, with the highest concentrations focused in the central alley portion of the Site. In addition, soil-borne petroleum impacts were reported in subsurface soil in the paved parking lot on the southwestern portion of the Site and soil-borne pesticides were reported in soil on the central portion of the Site.

- ***Groundwater:*** elevated concentrations of benzene were reported in one well, TW-2, located on the eastern portion of the Site. Elevated concentrations of metals and PAHs were also reported in groundwater during the prior investigation, however the groundwater sampled during the prior investigation was noted to be turbid and contain significant suspended solids; therefore these results are likely associated with suspended solids and not representative of groundwater conditions at the property.

- ***Soil Gas:*** elevated concentrations of chlorinated solvents were reported in two soil gas samples, SG-2 and SG-3, located on the central and western-central portions of the Site.

Additional action is recommended to address the above impacts in soil, groundwater, and soil gas. However, it is the understanding of Urban Green that the Stadium Square II property will be entered into the Maryland Voluntary Cleanup Program (VCP) and that the developer intends to

implement a Response Action Plan, including at a minimum a containment remedy across the Site to address soil impacts, a groundwater use restriction to address groundwater impacts and additional investigation/mitigation to address the concentrations of elevated chlorinated solvents in soil gas.

6.0 REFERENCES

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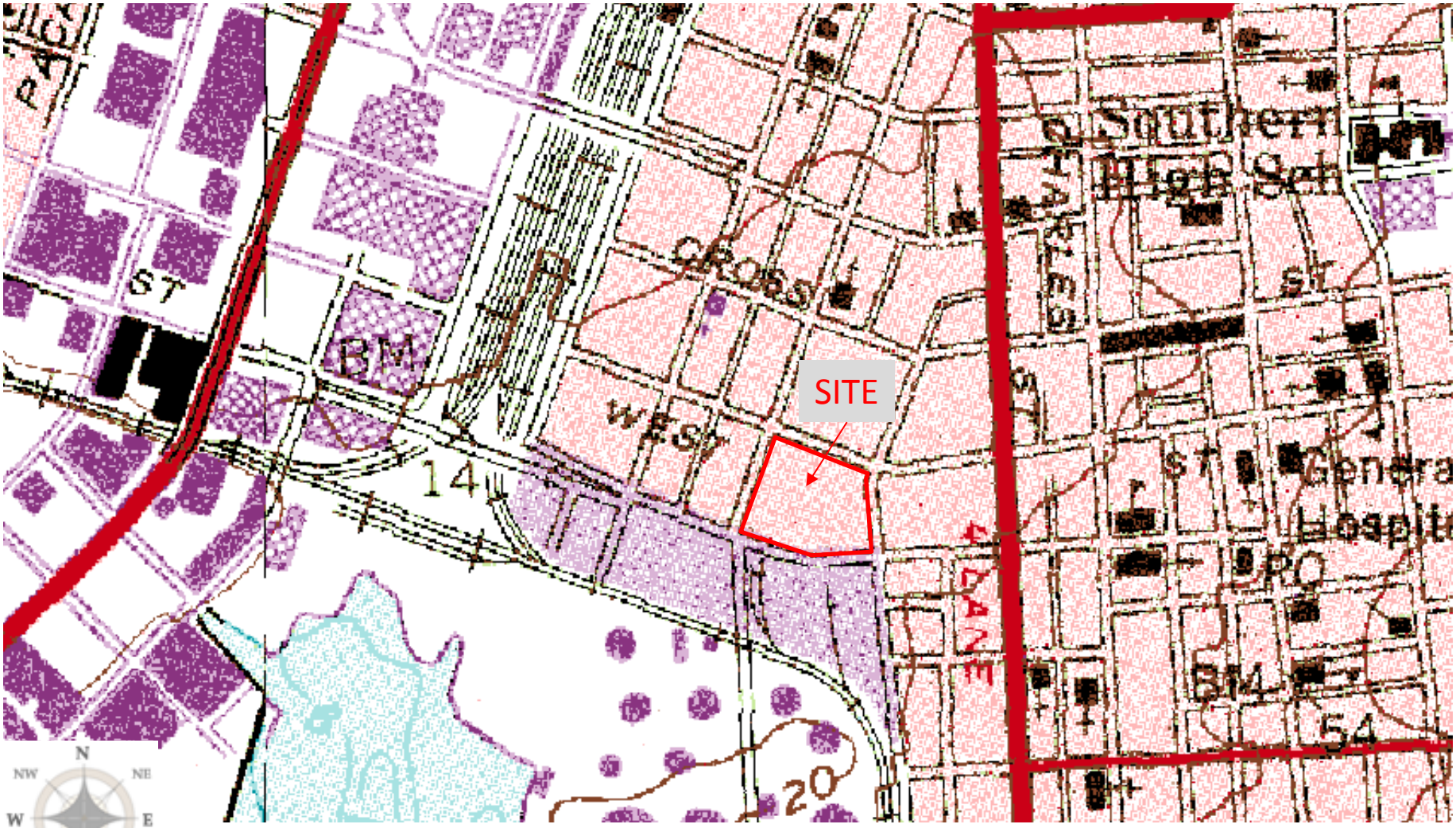
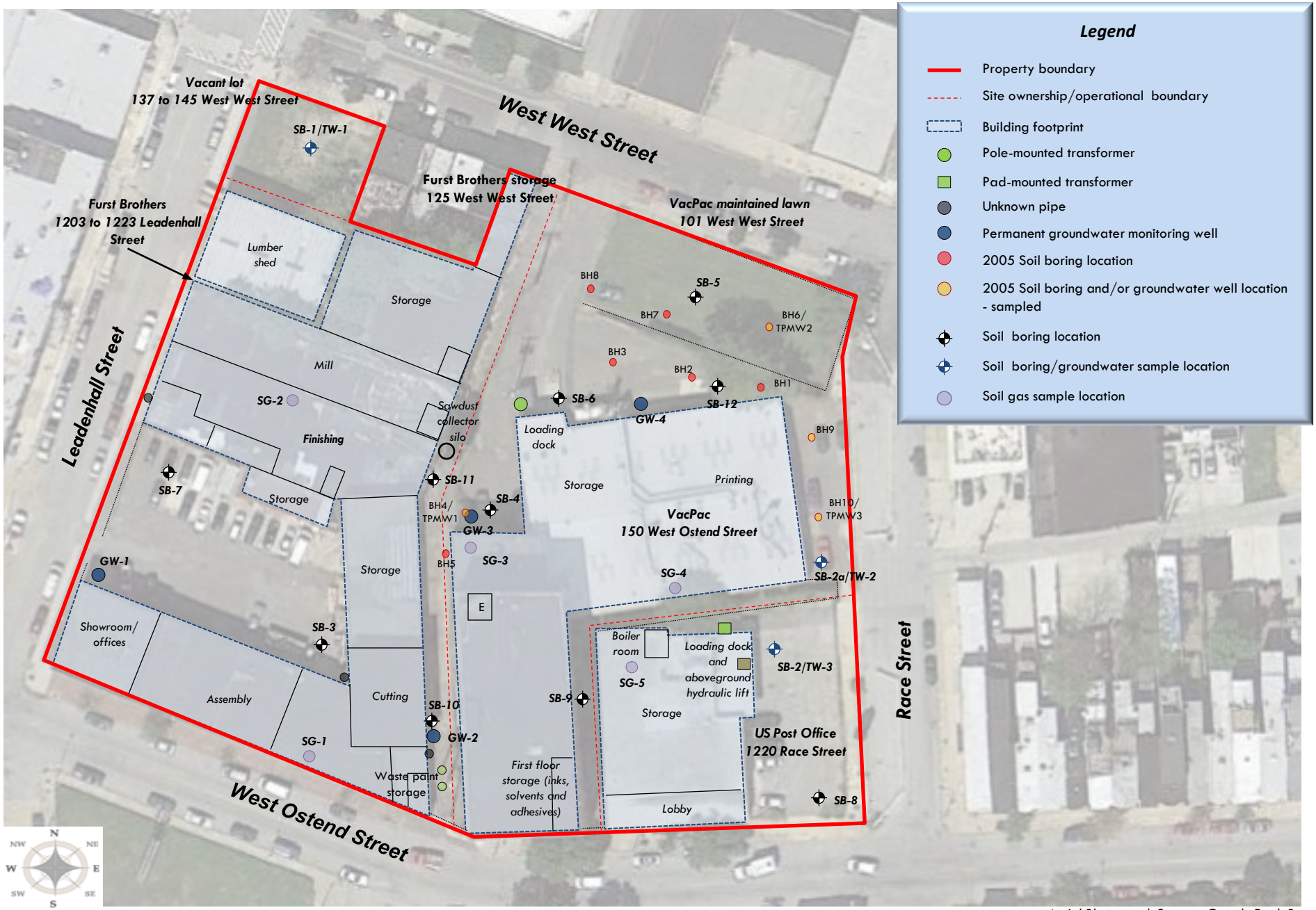
Urban Green Environmental, LLC (Urban Green). 2014. *Phase I Environmental Site Assessment,* Stadium Square II Property 101 to 145 West West Street, 1203 to 1223 Leadenhall Street, 150 West Ostend Street, and 1220 Race Street, Baltimore, Maryland 21230. May.

ATTACHMENTS



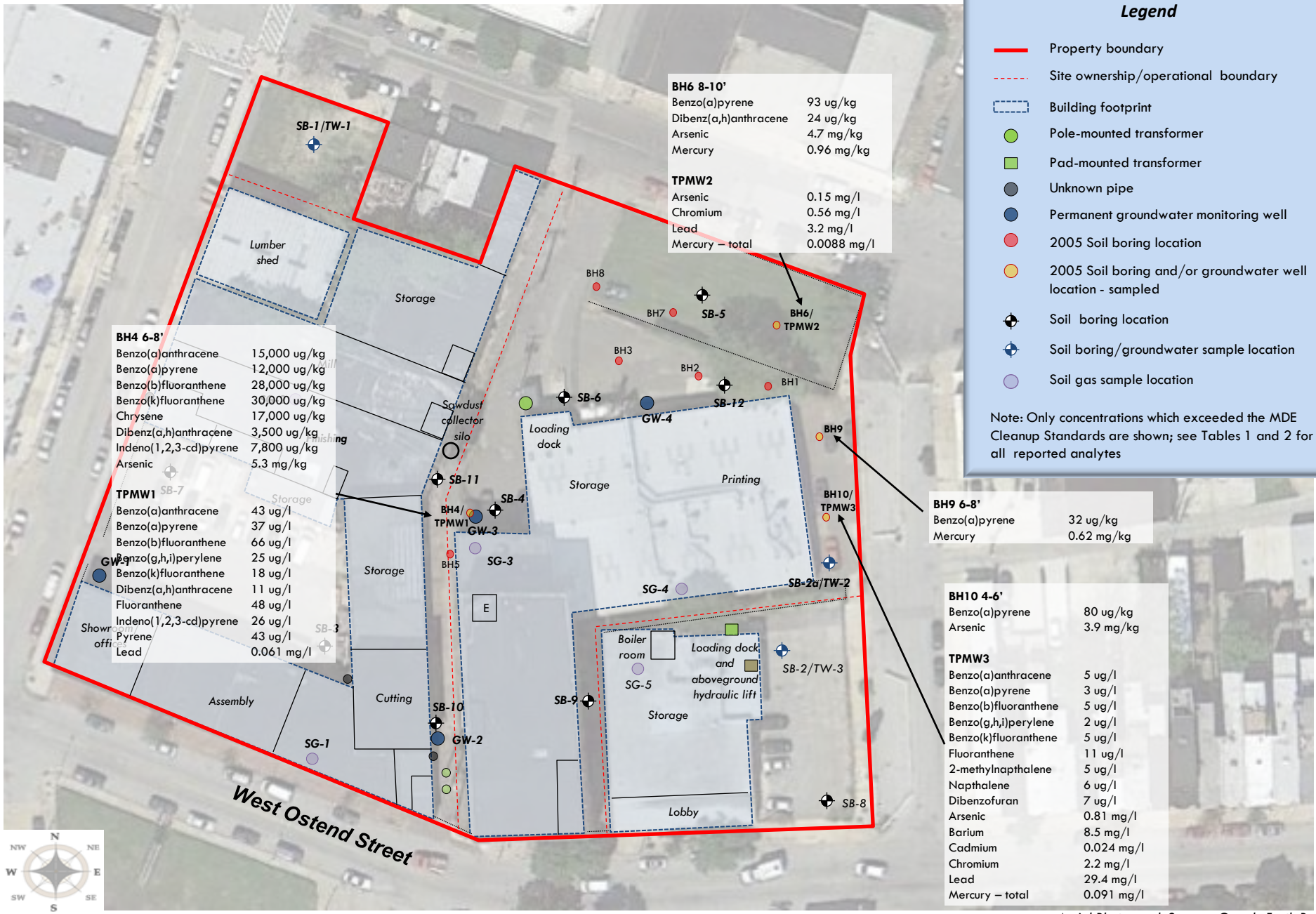
Source: Topozone.com

URBAN GREEN ENVIRONMENTAL	Baltimore Development Corporation and Stadium Square II, LLC	Figure 1 Site Location Map Stadium Square Property II Baltimore, Maryland 21230	Date: July 2014 Approximate Scale: Not To Scale	Figure: 1 Project Number: 078-017-14



Aerial Photograph Source: Google Earth Pro

URBAN GREEN ENVIRONMENTAL	Baltimore Development Corporation and Stadium Square II, LLC	Figure 2 Site Plan and Media Sample Locations Stadium Square II Property Baltimore, Maryland 21230	Date: July 2014	Figure: 2
			Approximate Scale: Not to Scale	Project Number: 041-017-14



Aerial Photograph Source: Google Earth Pro

URBAN GREEN ENVIRONMENTAL	Baltimore Development Corporation and Stadium Square II, LLC	Figure 3 Summary of 2005 Limited and Focused Subsurface Soil and Groundwater Investigation Stadium Square II Property, Baltimore, Maryland 21230	Date: July 2014 / Figure: 3 Approximate Scale: Not to Scale / Project Number: 041-017-14

N NW NE W E SW SE S

SB-1 0-1'
Benzo(a)pyrene 32 ug/kg

SB-1 4-5'
Lead *420 mg/kg*
Mercury 0.69 mg/kg

TW-1
VOCs – below MDE standards

SB-6 0-1'
Arsenic 3.8 mg/kg
Mercury 0.55 mg/kg
Zinc 2,400 mg/kg

SB-6 4-5'
Benzo(a)pyrene 250 ug/kg
Benzo(b)fluoranthene 340 ug/kg
Dibenz(a,h)anthracene 37 ug/kg
Lead 550 mg/kg
Mercury 0.85 mg/kg
Zinc 2,500 mg/kg

SB-5 0-1'
Benzo(a)anthracene 1,300 ug/kg
Benzo(a)pyrene 1,300 ug/kg
Benzo(b)fluoranthene 2,100 ug/kg
Dibenz(a,h)anthracene 220 ug/kg
Indeno(1,2,3-cd)pyrene 600 ug/kg
Arsenic 8.9 mg/kg
Chromium 39 mg/kg
Lead 860 mg/kg
Mercury 1.5 mg/kg
Elemental Mercury 0.649 mg/kg

SB-5 4-5'
Benzo(a)pyrene 51 ug/kg
Arsenic 4.8 mg/kg
Mercury 0.75 mg/kg

SB-4 0-1'
Benzo(a)anthracene 150,000 ug/kg
Benzo(a)pyrene 11,000 ug/kg
Benzo(b)fluoranthene 16,000 ug/kg
Chrysene 150,000 ug/kg
Dibenz(a,h)anthracene 1,100 ug/kg
Indeno(1,2,3-cd)pyrene 6,900 ug/kg
Arsenic 13 mg/kg
Mercury 2.9 mg/kg
Elemental Mercury 0.571 mg/kg
4,4-DDT 3.7 mg/kg
Methoxychlor 140 mg/kg

SB-4 4-5'
Benzo(a)anthracene 71,000 ug/kg
Benzo(a)pyrene 57,000 ug/kg
Benzo(b)fluoranthene 79,000 ug/kg
Benzo(k)fluoranthene 77,000 ug/kg
Chrysene 50,000 ug/kg
Dibenz(a,h)anthracene 9,100 ug/kg
Indeno(1,2,3-cd)pyrene 23,000 ug/kg
Arsenic 4.5 mg/kg
Mercury 0.68 mg/kg

SB-7 2-3'
Benzo(a)anthracene 41,000 ug/kg
Benzo(a)pyrene 33,000 ug/kg
Benzo(b)fluoranthene 35,000 ug/kg
Chrysene 45,000 ug/kg
Dibenz(a,h)anthracene 3,700 ug/kg
Indeno(1,2,3-cd)pyrene 8,500 ug/kg
Arsenic 12 mg/kg
TPH DRO 2,300 mg/kg

SB-7 14-16'
Benzo(a)anthracene 590 ug/kg
Benzo(a)pyrene 390 ug/kg
Benzo(b)fluoranthene 390 ug/kg
Dibenz(a,h)anthracene 43 ug/kg
Arsenic 5.8 mg/kg

SB-11 4-5'
VOCs – below MDE standards
TPH – no detections

SB-12 4-5'
VOCs – no detections
TPH – no detections

GW-4
VOCs – no detections

SB-2a 0-1'
Benzo(a)anthracene 2,800 ug/kg
Benzo(a)pyrene 240 ug/kg
Arsenic 4.7 mg/kg
Mercury 0.95 mg/kg

SB-2a 6-8'
Benzo(a)pyrene 160 ug/kg
Arsenic 4.6 mg/kg
Mercury *0.79 mg/kg*

TW-2
Benzene *65 ug/l*

SB-2 0-1'
Benzo(a)pyrene 120 ug/kg
Arsenic 6.9 mg/kg
Lead 2,900 mg/kg
TCLP Lead Non detect
Mercury 0.61 mg/kg

SB-2 4-5'
Benzo(a)anthracene 2,900 ug/kg
Benzo(a)pyrene 2,900 ug/kg
Benzo(b)fluoranthene 3,600 ug/kg
Dibenz(a,h)anthracene 440 ug/kg
Indeno(1,2,3-cd)pyrene 970 ug/kg
Arsenic 8.4 mg/kg
Lead 780 mg/kg
Mercury 5.60 mg/kg
Elemental mercury Pending

TW-3
VOCs – no detections

SB-3 0-1'
Benzo(a)anthracene 380 ug/kg
Benzo(a)pyrene 270 ug/kg
Benzo(b)fluoranthene 230 ug/kg
Chromium 42 mg/kg

SB-3 4-5'
Benzo(a)anthracene 4,400 ug/kg
Benzo(a)pyrene 4,100 ug/kg
Benzo(b)fluoranthene 2,400 ug/kg
Dibenz(a,h)anthracene 770 ug/kg
Indeno(1,2,3-cd)pyrene 1,700 ug/kg
Arsenic 7.0 mg/kg
Mercury 0.54 mg/kg
TPH DRO 590 mg/kg

GW-1
VOCs – no detections

GW-3
VOCs – below standards

SB-9 0-1'
Benzo(a)anthracene 6,600 ug/kg
Benzo(a)pyrene 4,900 ug/kg
Benzo(b)fluoranthene 7,200 ug/kg
Dibenz(a,h)anthracene 370 ug/kg
Indeno(1,2,3-cd)pyrene 2,100 ug/kg
Arsenic 5.9 mg/kg
Chromium 45 mg/kg
Mercury 1.4 mg/kg

SB-9 4-5'
Arsenic 3.7 mg/kg

SB-10 0-1'
Benzo(a)anthracene 24,000 ug/kg
Benzo(a)pyrene 12,000 ug/kg
Benzo(b)fluoranthene 18,000 ug/kg
Dibenz(a,h)anthracene 1,600 ug/kg
Indeno(1,2,3-cd)pyrene 5,600 ug/kg
Antimony 40 mg/kg
Arsenic 53 mg/kg
Lead 880 mg/kg
TCLP Lead Non detect
Mercury 0.55 mg/kg

SB-10 4-5'
Benzo(a)anthracene 8,700 ug/kg
Benzo(a)pyrene 7,400 ug/kg
Benzo(b)fluoranthene 12,000 ug/kg
Dibenz(a,h)anthracene 9,600 ug/kg
Indeno(1,2,3-cd)pyrene 3,500 ug/kg
Lead 440 mg/kg

GW-2
VOCs – no detections

SB-8 0-1'
Benzo(a)anthracene 1,600 ug/kg
Benzo(a)pyrene 1,500 ug/kg
Benzo(b)fluoranthene 2,100 ug/kg
Dibenz(a,h)anthracene 230 ug/kg
Indeno(1,2,3-cd)pyrene 540 ug/kg
Arsenic 5.6 mg/kg
Mercury 1.5 mg/kg

SB-8 4-5'
Benzo(a)pyrene 72 ug/kg
Arsenic 7.6 mg/kg
Chromium 30 mg/kg
Mercury 2.2 mg/kg

SB-1/TW-1 ***SB-2/TW-3*** ***SB-2a/TW-2*** ***SB-3*** ***SB-4*** ***SB-5*** ***SB-6*** ***SB-7*** ***SB-8*** ***SB-9*** ***SB-10*** ***SB-11*** ***SG-1*** ***SG-2*** ***SG-3*** ***SG-4*** ***SG-5***

BH1 BH2 BH3 BH4/ TPMW1 BH5 BH6/ TPMW2 BH7 BH8 BH9 BH10/ TPMW3

Lumber shed; Storage; Mill; Finishing; Sawdust collector silo; Storage; Loading dock; Storage; Printing; Showroom/ offices; Assembly; Cutting; Storage; Boiler room; Loading dock and aboveground hydraulic lift; Storage; Lobby; E

West Ostend Street

Legend

- Property boundary
- Site ownership/operational boundary
- Building footprint
- Pole-mounted transformer
- Pad-mounted transformer
- Unknown pipe
- Permanent groundwater monitoring well
- 2005 Soil boring location
- 2005 Soil boring and/or groundwater well location - sampled
- Soil boring location
- Soil boring/groundwater sample location
- Soil gas sample location

Note: Only concentrations which exceeded the MDE Cleanup Standards are shown; see Tables 1 and 2 for all reported analytes

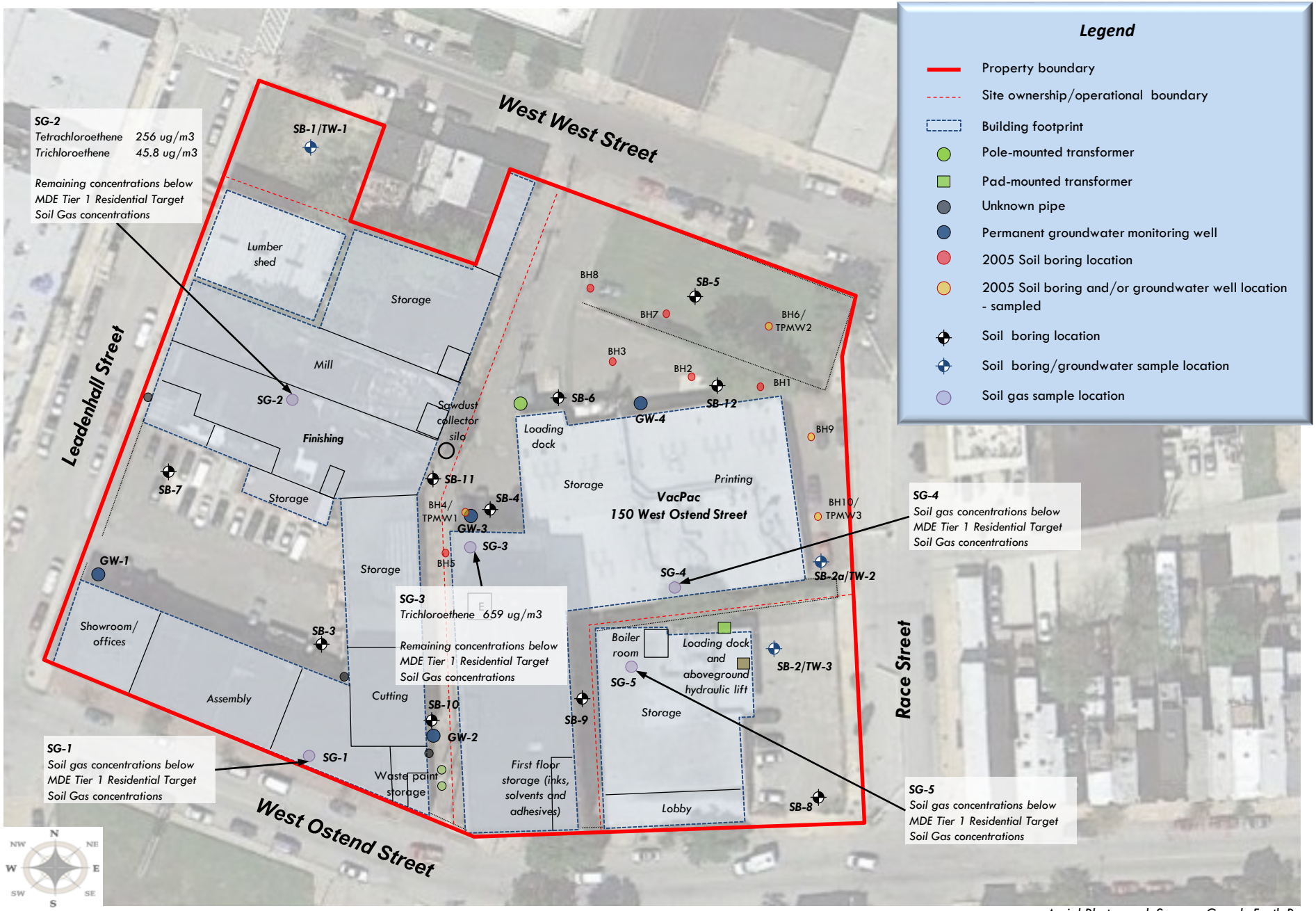
Aerial Photograph Source: Google Earth Pro

URBAN GREEN ENVIRONMENTAL

Baltimore Development Corporation
and
Stadium Square II, LLC

Figure 4a Summary of Phase II Investigation Results – Soil and Groundwater
Stadium Square II Property
Baltimore, Maryland 21230

Date: July 2014	Figure: 4a
Approximate Scale: Not to Scale	Project Number: 041-017-14



Aerial Photograph Source: Google Earth Pro

URBAN GREEN ENVIRONMENTAL

Baltimore Development Corporation and Stadium Square II, LLC

Figure 4b Summary of Phase II Investigation Results – Soil Gas

Stadium Square II Property, Baltimore, Maryland 21230

Date: July 2014	Figure: 4b
Approximate Scale: Not to Scale	Project Number: 041-017-14

Table 1 Summary of Analytes Reported in Soil

Stadium Square II Property
Baltimore, Maryland 21230

ANALYTE	MDE Cleanup Standard - Residential [1]	ATC [2]	TCLP [3]	Sample ID	BH4	BH4	BH6	BH6	BH9	BH9	BH9 DL	BH10	BH-10	SB-1	SB-1	SB-2	SB-2	SB-2A	SB-2A	SB-3	SB-3	SB-3 DL	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10	SB-11	SB-12
				Interval (ft bg)	6-8'	7'	8-10'	9'	6-8'	7'	7'	4-6'	5'	0-1'	4-5'	0-1'	4-5'	0-1'	6-8'	0-1'	4-5'	4-5'	0-1'	4-5'	0-1'	4-5'	0-1'	4-5'	2-3'	14-16'	0-1'	4-5'	0-1'	4-5'	0-1'	4-5'	4-5'	4-5'
				Date	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	5/12/14	5/12/14	6/5/14	6/5/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	6/5/14	6/5/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14
				PID Reading	6.3		7.3		1,555			1,690		0.5	0.2	0.1	0.4	0.7	374.4	1.8	1.5		0.0	0.0	0.4	1.8	0.1	0.5	3.2	2.4	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
				Soil type	Sandy silt, wet		Sandy silt, wet		Sandy clayey silt, moist			Sandy clayey silt, moist		FILL (Sandy clay)	Sand	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sandy clay)		FILL (Sandy clay)	FILL (Sand)	Sandy clay	Sandy clay	FILL (Sandy clay)	Clayey sand	FILL (Sand)	FILL (Sand)	FILL (Sand)	Sandy clay	FILL (Sandy clay)	Sand	FILL (Sand)	FILL (Sand)	FILL (Sandy clay)	FILL (Sandy clay)
Volatile Organic Compounds (SW8260B/ ug/kg)																																					
Acetone	7,000,000	NA		---	ND	---	28	---	130	ND	---	250	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Benzene	12,000	NA		---	ND	---	ND	---	340	310	---	7	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Bromodichloromethane	10,000	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	54	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
2-Butanone	4,700,000	NA		---	ND	---	ND	---	ND	ND	---	40	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
n-Butylbenzene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	67	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
sec-Butylbenzene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	53	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
tert-Butylbenzene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	6.3	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Chloroform	78,000	NA		---	ND	---	ND	---	ND	240	---	ND	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Dibromomethane	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	15	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
1,2-Dichloropropane	9,400	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	14	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Ethylbenzene	780,000	NA		---	ND	---	ND	---	63	410	---	14	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Isopropylbenzene	780,000	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	82	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
p-Isopropyltoluene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	36	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
4-methyl-2-pentanone	--	NA		---	430	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Methylene chloride	85,000	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Naphthalene	160,000	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	8.9	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	220	---	ND (6)	---	6.1	---	ND (5.7)	ND (6.0)	ND (5.9)
n-Propylbenzene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	3,800	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Tetrachloroethene	1,200	NA		---	ND	---	ND	---	ND	ND	---	8	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Toluene	630,000	NA		---	ND	---	ND	---	10	ND	---	ND	---	ND (5.8)	---	ND (7)	---	ND (5.8)	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
1,1,2-Tricloroethane	16,000,000	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	72	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
1,2,3-Trichloropropane	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	20	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
1,3,5-Trimethylbenzene	--	NA		---	ND	---	ND	---	ND	ND	---	ND	---	ND (5.8)	---	ND (7)	---	25	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	9.6	---	ND (6)	---	ND (5.9)	---	ND (5.7)	ND (6.0)	ND (5.9)
Xylenes (total)	1,600,000	NA		---	ND	---	ND	---	48	ND	---	26	---	ND (5.8)	---	ND (7)	---	18	---	ND (5.9)	---	---	ND (5.8)	---	ND (6.4)	---	ND (5.7)	---	ND (6.7)	---	ND (6)	---	ND (5.9)	---	ND (5.7)	9.7	ND (5.9)
Polycyclic Aromatic Compounds/Semi-Volatile Organic Compounds (SW8270C / ug/kg)																																					
Acenaphthene	470,000	NA		420	---	ND	---	ND	---	---	ND	---	ND (7)	ND (6)	ND (6)	560	ND (200)	ND (210)	ND (190)	240	ND(1,000)	650	3,400	56	ND (7)	ND (6)	14	610	110	150	ND (7)	570	ND (6)	780	510	---	---
Acenaphthylene	470,000	NA		380	---	ND	---	ND	---	---	ND	---	ND (7)	ND (6)	6	160	540	760	1,100	1,400	1,100 D	400	560	97	ND (7)	ND (6)	ND (6)	16,000	260	100	ND (7)	250	ND (6)	560	500	---	---
Anthracene	2,300,000	NA		2,900	---	34	---	ND	---	---	54	---	17	ND (6)	14	1,800	96 J	ND (210)	230	340	ND(1,000)	2,300	12,000	250	8	6	51	5,700	200	490	17	1,500	ND (6)	4,500	2,800	---	---
Benzo[a]anthracene	220	NA		15,000	---	120	---	40	---	---	100	---	45	17	100	2,900	280	140 J	380	4,400 E	3,800 D	150,000 E	71,000	1,300	44	17	210	41,000	590	1,600	65	6,600	ND (6)	24,000	8,700	---	---
Benzo[a]pyrene	22	NA		1,200	---	93	---	32	---	---	80	---	32	17	120	2,900	240	160 J	270	4,100 E	3,700 D	11,000	57,000	1,300	51	15	250	33,000	390	1,500	72	4,900	ND (6)	12,000	7,400	---	---
Benzo[b]fluoranthene	220	NA		28,000	---	120	---	40	---	---	91	---	29	24	170	3,600	200	130 J	230	2,400	1,900 D	16,000	79,000	2,100	110	27	340	35,000	390	2,100	96	7,200	ND (6)	18,000	12,000	---	---
Benzo[g,h,i]perylene	230,000	NA		7,600	---	61	---	25	---	---	46	---	20	16	61	890	140 J	120 J	150 J	2,000	1,900 D	6,500	21,000	630	40	10	92	8,300	120	480	34	2,000	ND (6)	5,500	3,600	---	---
Benzo[k]fluoranthene	22,000	NA		30,000	---	44	---	ND	---	---	32	---	26	13	75	1,600	210	140 J	230	2,000	2,300 D	15,000	77,000	860	26	10	130	17,000	190	850	38	2,300	ND (6)	5,900	5,400	---	---
Chrysene	22,000	NA		17,000	---	110	---	32	---	---	92	---	40	18	110	2,700	260	130 J	360	4,000 E	3,300 D	150,000 E	50,000	1,300	51	20	180	45,000	580	1,600	68	5,200	ND (6)	21,000	8,700	---	---
Dibenz[a,h]anthracene	22	NA		3,500	---	24	---	ND	---	---	ND	---	7	ND (6)	22	440	ND (200)	ND (210)	ND (190)	770	680 JD	1,100	9,100	220	12	ND (6)	37	3,700	43	230	16	670	ND (6)	1,600	960	---	---
Fluoranthene	310,000	NA		21,000	---	230	---	68	---	---	200	---	74	23	130	6,200	290	150 J	500	3,500 E	3,500 D	7,300	26,000	1,900	49	27	210	48,000	610	2,800	80	6,600	9	3,800	1,700	---	---
Fluorene	310,000	NA		550	---	ND	---	ND	---	---	25	---	ND (7)	ND (6)	ND (6)	910	ND (200)	ND (210)	95 J	140 J	ND(1,000)	610	5,000	50	ND (7)	ND (6)	19	1,500	260	160	9	610	ND (6)	1,100	950	---	---
Indeno[1,2,3-cd]pyrene	220	NA		7,800	---	52	---	24	---	---	39	---	17	13	60	970	290	99 J	140 J	1,700	1,400 D	6,900	23,000	600	35	9	85	8,500	100	540	33	2,100	ND (6)	5,600	3,500	---	---
2-Methylnaphthalene	31,000	NA		ND	---	ND	---	600	---	---	46	---	ND (7)	ND (6)	6	160	ND (200)	870	140 J	110 J	ND(1,000)	320	1,700	52	ND (7)	ND (6)	7	380	300	58	7	200	ND (6)	170	160	---	---
Naphthalene	160,000	NA		250	---	ND	---	ND	---	---	58	---	ND (7)	ND (6)	11	310	ND (200)	ND (210)	220	180 J	ND(1,000)	750	2,900	94	15	ND (6)	12	500	120	89	11	510	ND (6)	210	370	---	---
Phenanthrene	2,300,000	NA		5,100	---	190	---	63	---	---	190	---	64	12	71	5,700	390	160 J	870	1,300	1,100 D	6,200	23,000	1,600	41	27	150	10,000	1,200	2,000	65	5,900	ND (6)	17,000	10,000	---	---
Pyrene	230,000	NA		18,000	---	180	---	58	---	---	160	---	71	21	150	4,600	560	200 J	730	7,500 E	7,100 D	180,000 E	81,000	2,200	55	24	190	94,000	1,300	2,600	74	9,100	7	8,500	14,000	---	---
Bis(2-ethylhexyl)phthalate	46,000	NA		ND	---	95	---	33	---	---	ND	---	---	---	---	---	ND (200)	ND (210)	84 J	100 J	ND(1,000)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	7,800	NA		350	---	ND	---	ND	---	---	ND	---	---	---	---	---	ND (200)	ND (210)	150 J	ND (210)	ND(1,000)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl phthalate	--	NA		ND	---	ND	---	ND	---	---	ND	---	---	---	---	---	ND (200)	160 J	ND (190)	ND (210)	ND(1,000)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	--	NA		ND	---	ND	---	ND	---	---	ND	---	---	---	---	---	ND (200)	ND (210)	170 J	ND (210)	ND(1,000)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	--	NA		ND	---	ND	---	ND	---	---	ND	---	---	---	---	---	ND (200)	3,100	130 J	98 J	1000 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 1 Summary of Analytes Reported in Soil

Stadium Square II Property
Baltimore, Maryland 21230

ANALYTE	MDE Cleanup Standard - Residential [1]	ATC [2]	TCLP [3]	Sample ID	BH4	BH4	BH6	BH6	BH9	BH9	BH9 DL	BH10	BH-10	SB-1	SB-1	SB-2	SB-2	SB-2A	SB-2A	SB-3	SB-3	SB-3 DL	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10	SB-11	SB-12
				Interval (ft bg)	6-8'	7'	8-10'	9'	6-8'	7'	7'	4-6'	5'	0-1'	4-5'	0-1'	4-5'	0-1'	6-8'	0-1'	4-5'	4-5'	0-1'	4-5'	0-1'	4-5'	0-1'	4-5'	2-3'	14-16'	0-1'	4-5'	0-1'	4-5'	0-1'	4-5'	4-5'	4-5'
				Date	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	9/18/05	5/12/14	5/12/14	6/5/14	6/5/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	6/5/14	6/5/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14	5/12/14
				PID Reading	6.3		7.3		1,555			1,690		0.5	0.2	0.1	0.4	0.7	374.4	1.8	1.5		0.0	0.0	0.4	1.8	0.1	0.5	3.2	2.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0
				Soil type	Sandy silt, wet		Sandy silt, wet		Sandy clayey silt, moist			Sandy clayey silt, moist		FILL (Sandy clay)	Sand	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sand)	FILL (Sandy clay)		FILL (Sandy clay)	FILL (Sand)	Sandy clay	Sandy clay	FILL (Sandy clay)	Clayey sand	FILL (Sand)	FILL (Sand)	FILL (Sand)	Sandy clay	FILL (Sandy clay)	Sand	FILL (Sand)	FILL (Sand)	FILL (Sandy clay)	FILL (Sandy clay)
Priority Pollutant List Metals (SW6020 / mg/kg)																																					
Antimony	3.1	6			---	---	---	---	---	---	---	---	---	ND (1.8)	ND (1.6)	ND (2.8)	ND (2.5)	ND (2.6)	ND (2.4)	ND (1.8)	ND (2.4)	---	ND (2.4)	ND (2.4)	2.7	ND (2.4)	ND (2.2)	ND (1.8)	ND (2.2)	ND (2.4)	ND (2.5)	ND (2.7)	ND (2.6)	ND (2.4)	40	6.2	---	---
Arsenic	0.43	3.6			5.3	---	4.7	---	2.8	---	---	3.9	---	3.5	2.9	6.9	8.4	4.7	4.6	2.5	7.0	---	13	4.5	8.9	4.8	3.8	3.4	12	5.8	5.6	7.6	5.9	3.4	53	11	---	---
Barium	1,600	73			68.8	---	76.8	---	67.2	---	---	55.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	16	6.6			---	---	---	---	---	---	---	---	---	ND (1.8)	ND (1.6)	ND (2.8)	ND (2.5)	ND (2.6)	ND (2.4)	ND (1.8)	ND (2.4)	---	ND (2.4)	ND (2.4)	ND (1.9)	ND (2.4)	ND (2.2)	ND (1.8)	ND (2.2)	ND (2.4)	ND (2.5)	ND (2.7)	ND (2.6)	ND (2.4)	ND (2.5)	ND (2.6)	---	---
Cadmium	3.9	0.73			ND	---	ND	---	ND	---	---	ND	---	ND (1.8)	ND (1.6)	ND (2.8)	ND (2.5)	ND (2.6)	ND (2.4)	ND (1.8)	ND (2.4)	---	ND (2.4)	ND (2.4)	2.0	ND (2.4)	9.3	8.2	ND (2.2)	ND (2.4)	ND (2.5)	ND (2.7)	ND (2.6)	ND (2.4)	ND (2.5)	ND (2.6)	---	---
Chromium	23	28			11.8	---	16.4	---	17.3	---	---	16.2	---	9.9	12	20	20	18	23	42	24	---	15	13	39	16	18	22	20	25	15	30	45	21	26	22	---	---
Copper	310	12			---	---	---	---	---	---	---	---	---	11	13	20	150	28	190	14	52	---	110	230	230	84	30	53	46	15	170	64	65	9.3	220	290	---	---
Lead	400	45			49.8	---	197	---	100	---	---	112	---	54	420	2,900	780	260	310	32	200	---	390	130	860	370	110	550	250	35	270	360	230	8.6	880	440	---	---
TCLP Lead	--	NA	5		---	---	---	---	---	---	---	---	---	---	---	ND (0.5)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.5)	---	---	---
Mercury	--	0.51			0.21	---	0.96	---	0.62	---	---	0.41	---	ND (0.071)	0.69	0.61	5.60	0.95	0.79	0.10	0.54	---	2.9	0.68	1.5	0.75	0.55	0.85	0.21	0.29	1.5	2.2	1.4	ND(0.097)	0.65	0.45	---	---
Elemental Mercury	--	0.51			---	---	---	---	---	---	---	---	---	---	---	---	2.65	---	---	---	---	---	0.571	---	0.649	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	160	13			---	---	---	---	---	---	---	---	---	2.0	4.2	8.5	9.7	8.8	6.4	12	8.7	---	14	8.4	12	6.2	4.1	9.7	8.7	10	8	12	16	6.5	32	15	---	---
Selenium	39	2.2			ND	---	ND	---	ND	---	---	ND	---	ND (1.8)	3.0	5.9	4.8	4.0	4.9	4.9	4.9	---	4.5	4.7	3.2	4.2	2.6	4.6	4.2	8.5	3.8	8.2	5.8	10	5.1	3.3	---	---
Silver	39	0.94			ND	---	ND	---	ND	---	---	ND	---	ND (1.8)	ND (1.6)	ND (2.8)	ND (2.5)	ND (2.6)	ND (2.4)	ND (1.8)	ND (2.4)	---	ND (2.4)	ND (2.4)	ND (1.9)	ND (2.4)	ND (2.2)	ND (1.8)	ND (2.2)	ND (2.4)	ND (2.5)	ND (2.7)	ND (2.6)	ND (2.4)	ND (2.5)	ND (2.6)	---	---
Thallium	0.55	3.9			---	---	---	---	---	---	---	---	---	ND (1.4)	ND (1.3)	ND (2.2)	ND (2)	ND (2.1)	ND (1.9)	ND (1.4)	ND (1.9)	---	ND (1.9)	ND (1.9)	ND (1.6)	ND (1.9)	ND (1.8)	ND (1.5)	ND (1.7)	ND (1.9)	ND (2)	ND (2.2)	ND (2.1)	ND (1.9)	ND (2)	ND (2.1)	---	---
Zinc	2,300	63			---	---	---	---	---	---	---	---	---	8.2	21	630	290	120	180	27	150	---	220	200	440	51	2,400	2,500	190	33	100	66	130	17	680	430	---	---
Total Petroleum Hydrocarbons (SW8015 / mg/kg)																																					
Diesel Range Organics	230	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	590	---	---	---	---	---	---	4,500	---	---	---	---	---	---	---	ND (500)	ND (50)
Gasoline Range Organics	230	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.22)	---	---	---	---	---	---	ND (0.28)	---	---	---	---	---	---	---	ND (12)	ND (12)
Oil and Grease (SW 9071B / mg/kg)																																					
Oil and Grease	--	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	670	---	---	---	---	---	---	7,400	---	---	---	---	---	---	---	---	---
Herbicides (SW8151 / mg/kg)																																					
Herbicides	Varies	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pesticides (SW 8081 / mg/kg)																																					
gamma-Chlordane	--				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.9)	---	---	18 P	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4,4-DDT	1.9	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (3.8)	---	---	3.7 JP	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endosulfan II	47	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (3.8)	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endosulfan Sulfate	47				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (3.8)	---	---	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	39	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (19)	---	---	140 P	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Polychlorinated Biphenyls (SW8082 / mg/kg)																																					
Aroclor 1016-1260	0.32	NA			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.038)	---	---	ND (0.038)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes / Superscripts

(1) State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, Interim Final Guidance, Update No. 2 (MDE 2008).
(2) Anticipated Typical Concentrations (ATCs) represent reference or background levels published by the MDE for the Site area.
(3) TCLP = United States Environmental Protection Agency (USEPA) Toxicity Characteristic Leachate Procedure.
ft bg = feet below grade.
ug/kg = micrograms per kilogram.
mg/kg = milligrams per kilogram.
ND = Not Detected. The lowest level of quantitation (LLQ) is in parentheses.
Bold cell indicates a concentration above the LLQ
Bold and shaded cells indicate a detection above the MDE Cleanup Standard for Residential Soil or the ATC
--- = Sample not analyzed for select compound
DL/D = Sample diluted. The D flag alerts users that any discrepancies between the reported cocentrations may be due to dilution of the sample or extract.
J = This flag indicates and estimated value which is less than the adjusted reporting limt but greater than zero.
E = This flag identifies compounds whose response exceeds the response of the highest standard in the initial calibration range of the instrument for that specific analysis.
P=This flag is used for pesticide target compounds when there is greater than 25% difference for detected concentrations between the two GC columns; the flag is not used unless a compound is identified on both columns. The result is the lower of the two column results.
For the full list of compounds analyzed, please refer to the laboratory reports in Appendix C.

Table 2 Summary of Analytes Reported in Groundwater

Stadium Square II Property
Baltimore, Maryland 21230

Analyte	MDE Cleanup Standard for Groundwater [1]	Sample ID	TPMW1	TPMW2	TPMW3	TW-1	TW-2	GW-1	GW-2	GW-3	GW-4	TW-3
		Date	9/18/05	9/18/05	9/18/05	5/12/14	5/12/14	5/13/14	5/13/14	5/13/14	5/13/14	6/5/14
Volatile Organic Compounds (SW8260B / ug/l)												
Acetone	**550**		**7.1**	**4.9**	**3.1**	**17**	**20**	ND (5.0)	ND (5.0)	**45**	ND (5.0)	ND (1)
Benzene	**5**		ND	ND	**0.55**	ND (5.0)	**65**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Cyclohexane	--		ND	ND	**12**	ND (5.0)	**130**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Ethylbenzene	**700**		ND	ND	ND	ND (5.0)	**5.9**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Ispopropylbenzene	**66**		ND	ND	**1.7**	ND (5.0)	**52**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
4-methyl-2-pentanone	**630**		**480**	ND	ND	ND (10)	ND (10)	ND (10)	ND (10)	**43**	ND (10)	ND (2)
Methylcyclohexane	--		ND	ND	**7.3**	ND (5.0)	**140**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Naphthalene	--		ND	ND	ND	ND (5.0)	**3.4 J**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Toluene	**1,000**		ND	ND	ND	ND (5.0)	**7.8**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
Trichloroethene	**5**		**3.6**	ND	ND	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
o-Xylene	**10,000**		ND	ND	ND	ND (5.0)	**4.8 J**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (1)
m,p-Xylene	**10,000**		ND	ND	ND	ND (10)	**36**	ND (10)	ND (10)	ND (10)	ND (10)	ND (2)
Polycyclic Aromatic Compounds/Semi-Volatile Organic Compounds (SW8270C / ug/l)												
Acenaphthene	**37**		ND	ND	**8**	---	---	---	---	---	---	---
Anthracene	**180**		**9**	ND	**7**	---	---	---	---	---	---	---
Benzo[a]anthracene	**0.20**		**43**	ND	**5**	---	---	---	---	---	---	---
Benzo[a]pyrene	**0.20**		**37**	ND	**3**	---	---	---	---	---	---	---
Benzo[b]fluoranthene	**0.20**		**66**	ND	**5**	---	---	---	---	---	---	---
Benzo[g,h,i]perylene	**0.18**		**25**	ND	**2**	---	---	---	---	---	---	---
Benzo[k]fluoranthene	**0.30**		**18**	ND	**5**	---	---	---	---	---	---	---
Chrysene	--		**46**	ND	**4**	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	**0.20**		**11**	ND	ND	---	---	---	---	---	---	---
Fluoranthene	**3.7**		**48**	ND	**11**	---	---	---	---	---	---	---
Fluorene	**150**		ND	ND	**9**	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	**0.20**		**26**	ND	ND	---	---	---	---	---	---	---
2-Methylnaphthalene	**2.4**		ND	ND	**5**	---	---	---	---	---	---	---
Naphthalene	**0.7**		ND	ND	**6**	---	---	---	---	---	---	---
Phenanthrene	**180**		**16**	ND	**23**	---	---	---	---	---	---	---
Pyrene	**18**		**43**	ND	**9**	---	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	**6**		**4**	**4**	ND	---	---	---	---	---	---	---
Di-n-butyl phthalate	--		ND	ND	**110**	---	---	---	---	---	---	---
Dibenzofuran	**4**		ND	ND	**7**	---	---	---	---	---	---	---
RCRA Metals (SW6020 / mg/l)												
Arsenic	**0.01**		**0.015**	**0.15**	**0.81**	---	---	---	---	---	---	---
Barium	**2.0**		**0.18**	**2.0**	**8.5**	---	---	---	---	---	---	---
Cadmium	**0.005**		ND	**0.0026**	**0.024**	---	---	---	---	---	---	---
Chromium	**0.1**		**0.017**	**0.56**	**2.2**	---	---	---	---	---	---	---
Lead	**0.015**		**0.061**	**3.2**	**29.4**	---	---	---	---	---	---	---
Mercury-total	**0.002**		**0.00044**	**0.0088**	**0.091**	---	---	---	---	---	---	---
Mercury-soluble	--		---	ND	ND	---	---	---	---	---	---	---
Selenium	**0.05**		ND	0.017	ND	---	---	---	---	---	---	---
Silver	**0.1**		ND	0.0088	**0.038**	---	---	---	---	---	---	---

Notes / Superscripts

(1) State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 2.1) (MDE 2008).

ug/l = micrograms per liter

ND = Not Detected. The lowest level of quantitation (LLQ) is in parentheses.

Bold cell indicates a concentration above the LLQ

Bold and shaded cells indicate a detection above the MDE Cleanup Standard for Groundwater

--- = Sample not analyzed for select compound

J = This flag indicates an estimated value which is less than the adjusted reporting limit but greater than zero.

Only detected analytes are shown. For the full list of compounds analyzed, please refer to the laboratory reports in Appendix B.

Table 3 Summary of Analytes Reported in Soil Gas

Stadium Square II Property
Baltimore, Maryland 21230

Analyte	CAS Number	Target Soil Gas Concentration (ug/m^3) (1)	Sample ID	SG-1	SG-2	SG-3	SG-4	SG-5
			Depth	2 feet	2 feet	2 feet	2 feet	2 feet
			Date	5/13/14	5/13/14	5/13/14	5/13/14	6/6/14
Volatile Organic Compounds (TO-15 / ug/m ^{3})								
Acetone	67641	**660,000**		**86.1**	**201**	**83.8**	**355 [1]**	**59.0**
Benzene	71432	**64**		**7.92**	**8.05**	ND (2.56)	**62.9**	**3.26**
Bromodichloromethane	75274	**840**		ND (5.20)	ND (5.20)	**5.90**	ND (5.20)	ND (3.90)
Carbon disulfide	75150	**14,600**		**2.62**	ND (2.48)	**2.49**	**11.0**	**2.6**
Cyclohexane	110827	**126,000**		ND (2.76)	ND (2.76)	ND (2.76)	**31.5**	ND (2.07)
Dichlorodifluoromethane	75718	**4,200**		ND (3.96)	ND (3.96)	ND (3.96)	**6.92**	**5.04**
Ethyl acetate	141786	**---**		ND (2.88)	ND (2.88)	ND (2.88)	**39.5**	**2.16**
Ethylbenzene	100414	**200**		**7.12**	**16.0**	**3.82**	**13.7**	**3.91**
n-Heptane	142825	**---**		ND (3.28)	ND (3.28)	ND (3.28)	**740 [1]**	ND (2.46)
Methyl ethyl ketone (2-Butanone)	78933	**106,000**		**9.32**	**2.83**	**6.37**	**36.7**	**5.04**
Methyl isobutyl ketone	108101	**64,000**		ND (3.28)	**55.9**	ND (3.28)	**35.4**	**4.92**
Propene	115071	**64,000**		ND (1.36)	**1.79**	ND (1.36)	**33.0**	ND (1.02)
Tetrachloroethene	127184	**36**		**23.1**	**256**	**10.3**	**8.14**	ND (4.20)
Tetrahydrofuran	109999	**42,000**		**12.5**	**8.97**	ND (2.36)	**18.6**	**4.95**
Toluene	108883	**106,000**		ND (3.00)	**390 [1]**	ND (3.00)	**44.6**	ND (2.25)
Trichloroethane	79016	**36**		ND (4.40)	**45.8**	**659 [1]**	ND (4.40)	ND (3.30)
o-Xylene	95476	**2,200**		**13.4**	**25.9**	**6.08**	**21.0**	**6.9**
m-& p-Xylenes	106423	**2,200**		**42.2**	**77.3**	**23.8**	**69.1**	**22.2**

Notes / Superscripts

CAS = Chemical Abstract Service.

(1) Maryland Department of the Environment Ambient Air Toxicity - Residential (June 2012); Tier 1 (20x) Residential Target Soil Gas

ND = Not Detected. The quantitation limit is in parentheses.

Bold cell indicates a concentration detected above the LLQ.

Bold and shaded cells indicate a detection above the Target Subslab Soil Gas Concentration.

[1] = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This values is considered an estimate.

Only detected analytes are shown. For the full list of compounds analyzed, please refer to the laboratory reports in Appendix B.

APPENDIX A

SITE PHOTOGRAPHS

Site Photographs
Stadium Square II Property
Baltimore, Maryland 21230

Photograph 1. Soil boring SB-1 location.

Photograph 2. Soil boring SB-1 macrocores.

Photograph 3. Soil boring SB-2a location.

Photograph 4. Soil boring SB-2a macrocores.

Photograph 5. Soil boring SB-3 location.

Photograph 6. Soil boring SB-3 macrocores.

Photograph 7. Soil boring SB-4 location.

Photograph 8. Soil boring SB-4 macrocores.

Photograph 9. Soil boring SB-5 location.

Photograph 10. Soil boring SB-5 macrocores.

Photograph 9. Soil boring SB-6 location.

Photograph 10. Soil boring SB-6 macrocores.

Photograph 11. Soil boring SB-7 location.

Photograph 12. Soil boring SB-7 macrocores.

Photograph 13. Soil boring SB-9 location.

Photograph 14. Soil boring SB-9 macrocores.

Photograph 15. Soil boring SB-10 location.

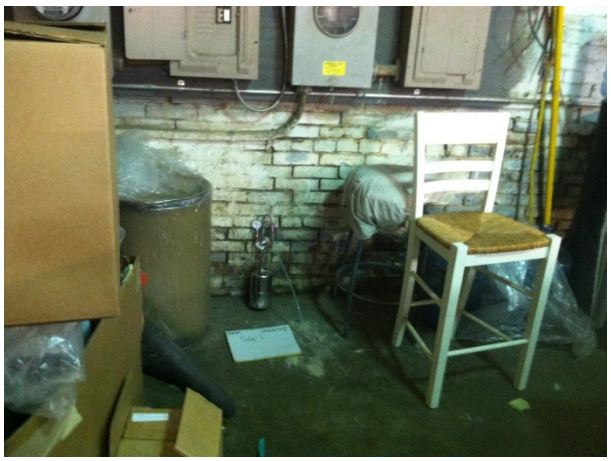
Photograph 16. Soil boring SB-10 macrocores.

Photograph 17. Soil boring SB-11 location.

Photograph 18. Soil boring SB-11 macrocores.

Photograph 19. Soil boring SB-12 location.

Photograph 20. Soil boring SB-12 macrocores.

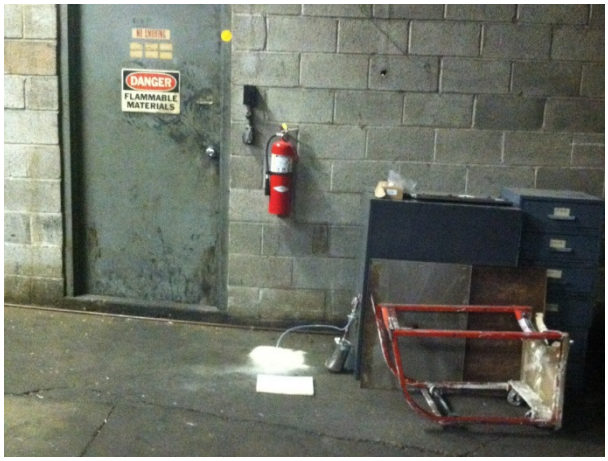


Photograph 21. Soil gas sampling point SG-1 location.

Photograph 22. Soil gas sampling point SG-1 setup.

Photograph 23. Soil gas sampling point SG-2 location.

Photograph 24. Soil gas sampling point SG-2 setup.



Photograph 25. Soil gas sampling point SG-3 location.

Photograph 26. Soil gas sampling point SG-3 setup.

Photograph 27. Soil gas sampling point SG-4 location.

Photograph 28. Soil gas sampling point SG-4 location.

Photograph 29. Soil gas sampling point SG-5 setup.

Photograph 30. Soil gas sampling point SG-5 setup.

APPENDIX B

SOIL BORING LOGS

SOIL BORING LOG		HOLE NUMBER SB-1	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Gravel/exposed soil		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 10:35	13. DATE AND TIME COMPLETED 5/12/14 10:55	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 8'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 4' 1" after 6 hours		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)		
20. WELL INSTALLED? Yes, temporary / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 0-1 and 4-5 feet below grade; SB-1 0-1 and SB-1 4-5; groundwater sample TW-1	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH:	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-1'	FILL (Tan sandy clay)	0.5		SB-1 0-1 (4 oz soil jar)		90%	*No staining or odor observed*
	1-2'	FILL (Tan medium-coarse sand)						
	2-3'	FILL (Tan and black medium sand)	0.3					
	3-4'	FILL (Brick and tan sand)						
	4-5'	Brown medium SAND	0.2		SB-1 4-5 (4 oz. soil jar and encore)		100%	*No staining or odor observed*
	5-6.5'	Brown sandy CLAY	1.0					
	6.5-8'	Brown CLAY						
	8-10'	Brown-dark grey SAND, saturated	1.3				100%	*No staining or odor observed*
	10-12'	Brown-dark grey sandy CLAY, saturated	0.9					
	12-16'	Brown sandy CLAY	1.2				100%	*No staining or odor observed*
			1.4		TW-1			
		Borehole terminated at 16', groundwater encountered at 8', temporary well installed						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-1**

SOIL BORING LOG

HOLE NUMBER: **SB-2**

1. COMPANY NAME: URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR: GREEN SERVICES, INC.		SHEET 1 of 1 SHEETS
3. PROJECT: Stadium Square II Property			
7. NAME OF DRILLER: Kevin Pumphries	8. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 5410		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE: HDPE	10. SURFACE ELEVATION AND CONDITIONS: Asphalt		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED: 6/5/14 9:15	13. DATE AND TIME COMPLETED: 6/5/14 9:35	
14. OVERBURDEN THICKNESS: >16'	15. DEPTH GROUNDWATER ENCOUNTERED: 9'		
16. DEPTH DRILLED INTO ROCK: NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA		
18. TOTAL DEPTH OF HOLE: 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA		
20. WELL INSTALLED? Yes, temporary — IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS: Soil samples from 0-1 and 4-5 feet below grade; SB-2 0-1 and SB-2 4-5, groundwater sample TW-3	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS: Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS: VOCs
22. DISPOSITION OF HOLE — IF NOT A WELL, BACKFILLED WITH:	23. GEOLOGIST: Katherine Johnson		

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Asphalt	0.1		SB-2 0-1 (4 oz soil jar)		65%	*No staining or odor observed*
	0.5-1'	FILL (Medium tan sand)						
	1-4'	FILL (Brown, black and tan medium sand and gravel with brick at 4')	0.6					
	4-5'	FILL (Brown, black and tan medium sand and gravel)	0.4		SB-2 4-5 (4 oz. soil jar and encore)		70%	*No staining or odor observed*
	5-6.5'	FILL (Brown sandy clay)						
	6.5-8'	FILL (Black sandy clay with gravel)	0.3					
	8-9'	FILL (Brown sandy clay)	0.7				70%	*No staining or odor observed*
	9-10'	FILL (Brown medium sand with brick, wet)						
	10-12'	Olive brown CLAY	0.2					
	12-13'	Light brown-tan CLAY	0.1				95%	*No staining or odor observed*
	13-14'	Black CLAY						
	14-16'	Grey CLAY	0.0		TW-3			
		Borehole terminated at 16', groundwater encountered at 9', temporary well installed						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-2**

SOIL BORING LOG		HOLE NUMBER SB-2a	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR GREEN SERVICES, INC.		SHEET SHEETS 1 of 1
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Asphalt		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 3:10	13. DATE AND TIME COMPLETED 5/12/14 3:25	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 12'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 5' 5" after 10 minutes		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? Yes, temporary	IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB	
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples from 0-1 and 6-8 feet below grade; SB-2a 0-1 and SB-2a 6-8; groundwater sample TW-2	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH:	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0.5'	Asphalt	0.7		SB-2a 0-1 (4 oz soil jar)		70%	*No staining or odor observed*
	0.5-1'	FILL (Tan sand)						
	1-1.5'	FILL (Concrete with brick at 1.5')	1.8					
	1.5-4'	FILL (Tan and black medium sand)						
	4-5'	FILL (Tan-grey medium sand)	18.9				70%	*No staining or odor observed*
	5-7'	FILL (Tan-grey medium sand with brick at 6.5')						
	7-8'	FILL (Grey medium sand with brick at 8')	374.4		SB-2a 6-8 (4 oz. soil jar and encore)			
	8-11'	FILL (Grey and orange medium sand)	25.3				100%	*Petroleum odor and staining observed from 8 to 12 feet below grade*
	11-12'	FILL (Brown medium sand)	14.9					
	12-14'	FILL (Red brick, tan sand and brown sandy clay mixed, saturated)	29.0				30%	*Petroleum odor and staining observed from 12 to 14 feet below grade*
	14-16'	Brown sandy CLAY	27.9		TW-2			
		Borehole terminated at 16', groundwater encountered at 12', temporary well installed						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-2a**

SOIL BORING LOG		HOLE NUMBER **SB-3**	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Asphalt		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 10:00	13. DATE AND TIME COMPLETED 5/12/14 10:25	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 8'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 0-1 and 4-5 feet below grade, SB-3 0-1 and SB-3 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Concrete	1.8		SB-3 0-1 (4 oz soil jar)		70%	*No staining or odor observed*
	0.5-1'	FILL (Tan medium sand)						
	1-3'	FILL (Brown sandy clay and gravel)	0.7					
	3.5-4'	FILL (Brown sandy clay)						
	4-4.5'	FILL (Brown sandy clay)	1.5		SB-3 4-5 (4 oz. soil jar and encore)		70%	*No staining or odor observed*
	4.5-5'	FILL (Tan medium sand)						
	5-6'	FILL (Brown sand with brick at 5.5')	0.4					
	6-8'	FILL (Brown sandy clay)						
	8-10'	FILL (Black medium-coarse sand, brick and gravel), saturated	0.3				70%	*No staining or odor observed*
	10-12'	Brown medium-fine SAND, saturated	0.2					
	12-13'	Brown sandy CLAY, saturated	0.5				100%	*No staining or odor observed*
	13-14'	Grey medium SAND, saturated						
	14-16'	Orange medium SAND, saturated	0.5					
		Borehole terminated at 16', groundwater encountered at 8'						

PROJECT: **Stadium Square II Property**	HOLE NO.: **SB-3**

SOIL BORING LOG		HOLE NUMBER **SB-4**	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Concrete		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 12:20	13. DATE AND TIME COMPLETED 5/12/14 12:50	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 12'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 0-1 and 4-5 feet below grade; SB-4 0-1 and SB-4 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Concrete	0.0		SB-4 0-1 (4 oz soil jar)		90%	*No staining or odor observed*
	2.5'	FILL (Black sandy clay)						
	2.5-2.5'	FILL (Tan sand)	0.0					
	3.5-4'	FILL (Crushed stone and black sandy clay)						
	4-6'	FILL (Black sand)	0.0		SB-4 4-5 (4 oz. soil jar and encore)		90%	*No staining or odor observed*
	6-6.5'	FILL (Red brick)						
	6.5-8'	FILL (Black to brown sandy clay)	0.0					
	8-10.5'	FILL (Black sandy clay)	0.0				90%	*No staining or odor observed*
	10.5-11'	FILL (Brick and crushed stone)						
	11-12'	Brown sandy CLAY with gravel and crushed stone	0.0					
	12-14'	Dark brown sandy CLAY to CLAY	0.0				90%	*No staining or odor observed*
		Borehole terminated at 16', groundwater encountered at 12'	0.0					

PROJECT: **Stadium Square II Property**	HOLE NO.: **SB-4**

SOIL BORING LOG

HOLE NUMBER: **SB-5**

1. COMPANY NAME: URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR: TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT: Stadium Square II Property			
7. NAME OF DRILLER: Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE: HDPE	10. SURFACE ELEVATION AND CONDITIONS: Grass		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED: 5/12/14 11:20	13. DATE AND TIME COMPLETED: 5/12/14 11:35	
14. OVERBURDEN THICKNESS: >16'	15. DEPTH GROUNDWATER ENCOUNTERED: 8'		
16. DEPTH DRILLED INTO ROCK: NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED		
18. TOTAL DEPTH OF HOLE: 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS: Soil samples collected from 0-1 and 4-5 feet below grade; SB-5 0-1 and SB-5 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS: Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS: VOCs
22. DISPOSITION OF HOLE / IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST: Katherine Johnson		

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-1'	FILL (Brown sandy clay)	0.4		SB-5 0-1 (4 oz soil jar)		50%	*No staining or odor observed*
	1-3.5'	FILL (Red brick)	0.8					
	3.5-4'	Brown sandy CLAY						
	4-6'	Brown sandy CLAY	1.8		SB-5 4-5 (4 oz. soil jar and encore)		100%	*No staining or odor observed*
	6-8'	Dark brown sandy CLAY transitioning to CLAY	1.5					
	8-9'	Dark brown sandy CLAY with gravel, wet	0.5				100%	*No staining or odor observed*
	9-12'	Dark brown CLAY, wet	0.1					
	12-16'	Brown sandy CLAY	0.6				100%	*No staining or odor observed*
			0.4					
		Borehole terminated at 16', groundwater encountered at 8'						

PROJECT: **Stadium Square II Property**

HOLE NO.: **SB-5**

SOIL BORING LOG		HOLE NUMBER **SB-6**	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Concrete		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 12:00	13. DATE AND TIME COMPLETED 5/12/14 12:15	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 8'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 0-1 and 4-5 feet below grade; SB-6 0-1 and SB-6 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOCs (ppm)	DIRECT READING (d) Mercury Vapor (ppm)	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Concrete	0.1		SB-6 0-1 (4 oz soil jar)			
	0.5-4'	FILL (Brown sandy clay with brick at 3.5')	0.8				60%	*No staining or odor observed*
	4-6'	Brown to dark brown clayey SAND	0.5		SB-6 4-5 (4 oz. soil jar and encore)			
	6-8'	Brown sandy CLAY	0.3				80%	*No staining or odor observed*
	8-9'	Dark brown medium-fine SAND, saturated	0.4					
	9-11'	Grey CLAY, wet					100%	*No staining or odor observed*
	11-12'	Black CLAY, wet	0.4					
	12-16'	Black sandy CLAY and gravel, wet	0.4 0.0				100%	*No staining or odor observed*
		Borehole terminated at 16', groundwater encountered at 8'						

PROJECT: **Stadium Square II Property**	HOLE NO.: **SB-6**

SOIL BORING LOG		HOLE NUMBER SB-7	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Concrete		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 9:30	13. DATE AND TIME COMPLETED 5/12/14 9:55	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 8'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 2-3 and 14-16 feet below grade; SB-7 2-3 and SB-7 14-16	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOCs (ppm)	DIRECT READING (d) Mercury Vapor (ppm)	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-1'	Concrete	3.2		SB-7 2-3 (4 oz soil jar)		50%	*No staining or odor observed*
	1-3.5'	FILL (Red brick with tan sand at 2-2.5)	2.5					
	3-4'	FILL (Tan and black medium sand and gravel)						
	4-4.5'	FILL (Brick)	2.4				60%	*Sheen on water in soil from 7.5-8', moderate solvent odor*
	5-5.5'	FILL (Tan and black medium-fine sand)						
	5.5-7.5'	FILL (Red brick and wood fragments)	17.1					
	7.5-8'	FILL (Red brick and tan sand)						
	8-12'	FILL (Red brick and brown clay), saturated	4.9 1.7				10%	*Silver sheen on water in soil from 8-12', strong solvent odor*
	12-16'	Brown silty CLAY, wet	2.8 1.9		SB-7 14-16 (4 oz. soil jar and encore)		75%	*Silver sheen on water in soil from 12-16', strong solvent odor*
		Borehole terminated at 18', groundwater encountered at 8'						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-7**

SOIL BORING LOG		HOLE NUMBER SB-8	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR GREEN SERVICES, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Kevin Pumphries	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Asphalt		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 6/5/14 10:00	13. DATE AND TIME COMPLETED 6/5/14 10:15	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 9'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No	IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB	
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples from 0-1 and 4-5 feet below grade; SB-8 0-1 and SB-8 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE IF NOT A WELL, BACKFILLED WITH: Cuttings		23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Asphalt	0.0		SB-8 0-1 (4 oz soil jar)		70%	*No staining or odor observed*
	0.5-1'	FILL (Tan sand)						
	1-1.5'	FILL (Brown sandy clay)	0.0					
	1.5-4'	FILL (Oyster shells from 1.5 to 3' with tan-orange sandy clay)						
	4-7'	Dark brown sandy CLAY	0.0		SB-8 4-5 (4 oz. soil jar and encore)		70%	*No staining or odor observed*
	7-8'	Tan and black medium-fine SAND	0.0					
	8-12'	Brown CLAY, wet at 9'	0.0				85%	*No staining or odor observed*
			0.0					
	12-14'	Brown silty CLAY	0.0				95%	*No staining or odor observed*
	14-16'	Brown medium-coarse SAND, wet	0.0					
		Borehole terminated at 16', groundwater encountered at 9'						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-8**

SOIL BORING LOG		HOLE NUMBER SB-9	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Grass		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 2:50	13. DATE AND TIME COMPLETED 5/12/14 3:00	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 12'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No	IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB	
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples from 0-1 and 4-5 feet below grade; SB-9 0-1 and SB-9 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOCs (ppm)	DIRECT READING (d) Mercury Vapor (ppm)	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-3'	FILL (Brown sandy clay with red brick at 3')	0.0		SB-9 0-1 (4 oz soil jar)		90%	*No staining or odor observed*
	3-3.5'	Oyster shells	0.0					
	3.5-4'	Tan medium SAND						
	4-8'	Tan medium SAND	0.0 0.0		SB-9 4-5 (4 oz. soil jar and encore)		100%	*No staining or odor observed*
	8-12'	Tan medium SAND with crushed rock at 8.5'	0.0 0.5				100%	*No staining or odor observed*
	12-15'	Grey medium SAND, saturated at 12'	0.7				100%	*No staining or odor observed*
	15-16'	Tan medium SAND	0.0					
		Borehole terminated at 16', groundwater encountered at 12'						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-9**

SOIL BORING LOG		HOLE NUMBER **SB-10**	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Asphalt		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 12:45	13. DATE AND TIME COMPLETED 5/12/14 1:05	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 9'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB		
21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS Soil samples collected from 0-1 and 4-5 feet below grade; SB-10 0-1 and SB-10 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS Every 2 feet (approximate) for VOCs with a PID		SCREENING ANALYSIS VOCs
22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOCs (ppm)	DIRECT READING (d) Mercury Vapor (ppm)	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Asphalt	0.0		SB-10 0-1 (4 oz soil jar)		60%	*No staining or odor observed*
	0.5-2'	SUSPECT FILL (Tan sand and black sandy clay mixed)						
	2-4'	SUSPECT FILL (Tan sand)	0.5					
	4-5'	SUSPECT FILL (Tan sand)	0.3		SB-10 4-5 (4 oz. soil jar and encore)		40%	*No staining or odor observed*
	5-8'	SUSPECT FILL (Black, brown and tan sandy clay mixed)	0.1					
	8-9'	Brown sandy CLAY	0.2				50%	*No staining or odor observed*
	9-12'	Tan medium SAND	0.0					
	12-16'	Grey medium SAND, saturated	0.0 0.1				100%	*No staining or odor observed*
		Borehole terminated at 16', groundwater encountered at 9'						

PROJECT: **Stadium Square II Property**	HOLE NO.: **SB-10**

SOIL BORING LOG		HOLE NUMBER SB-12	
1. COMPANY NAME URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR TIDEWATER, INC.		SHEET 1 of 1 SHEETS
3. PROJECT Stadium Square II Property			
7. NAME OF DRILLER Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT		
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE HDPE	10. SURFACE ELEVATION AND CONDITIONS Concrete		
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED 5/12/14 2:10	13. DATE AND TIME COMPLETED 5/12/14 2:40	
14. OVERBURDEN THICKNESS >16'	15. DEPTH GROUNDWATER ENCOUNTERED 12'		
16. DEPTH DRILLED INTO ROCK NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
18. TOTAL DEPTH OF HOLE 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
20. WELL INSTALLED? No	IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB	

21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS	SCREENING ANALYSIS
Soil sample from 4-5 feet below grade; SB-11 4-5	Every 2 feet (approximate) for VOCs with a PID	VOCs

22. DISPOSITION OF HOLE	IF NOT A WELL, BACKFILLED WITH:	23. GEOLOGIST
	Cuttings	Katherine Johnson

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0.5'	Concrete	0.0					
	0.5-4'	FILL (Red brick, black and brown sandy clay and tan sand mixed)	0.4				50%	*No staining or odor observed*
	4-5'	FILL (Red brick, black and brown sandy clay and tan sand mixed)	0.5		SB-11 4-5 (4 oz. soil jar and encore)			
	5-6'	FILL (Brown sandy clay)					50%	*No staining or odor observed*
	6-8'	FILL (Red brick)	0.4					
	8-9'	FILL (Tan sand)	0.0					
	9-10'	FILL (Red brick)					100%	*No staining or odor observed*
	10-12'	Black sandy CLAY	0.2					
	12-13'	Black medium-fine SAND	0.0					
	13-16'	Black CLAY	0.0				100%	*No staining or odor observed*
		Borehole terminated at 16', groundwater encountered at 12'						

PROJECT:	HOLE NO.:
Stadium Square II Property	**SB-11**

SOIL BORING LOG

HOLE NUMBER: **SB-12**

1. COMPANY NAME: URBAN GREEN ENVIRONMENTAL, LLC	2. DRILL SUBCONTRACTOR: TIDEWATER, INC.	SHEET 1 of 1 SHEETS
3. PROJECT: Stadium Square II Property		
7. NAME OF DRILLER: Devin Murdock and Dexter Bell	8. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620 DT	
9. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2 in x 4 ft macrocore TYPE OF LINER USED, IF APPLICABLE: HDPE	10. SURFACE ELEVATION AND CONDITIONS: Concrete	
11. DIRECT READING PARAMETERS: PID / TOTAL VOCS / 1.7 EV / MINIRAE 3000	12. DATE AND TIME STARTED: 5/12/14 1:50	13. DATE AND TIME COMPLETED: 5/12/14 2:00
14. OVERBURDEN THICKNESS: >16'	15. DEPTH GROUNDWATER ENCOUNTERED: 12'	
16. DEPTH DRILLED INTO ROCK: NA	17. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
18. TOTAL DEPTH OF HOLE: 16'	19. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	
20. WELL INSTALLED? No / IF SO COMPLETE CONSTRUCTION DIAGRAM	SAMPLE TYPE: GRAB	

21. SAMPLE INTERVAL AND DESIGNATION FOR LAB ANALYSIS: Soil sample from 4-5 feet below grade; SB-12 4-5	SAMPLE INTERVAL AND DESIGNATION FOR FIELD SCREENING ANALYSIS: Every 2 feet (approximate) for VOCs with a PID	SCREENING ANALYSIS: VOCs
22. DISPOSITION OF HOLE: IF NOT A WELL, BACKFILLED WITH: Cuttings	23. GEOLOGIST: Katherine Johnson	

USCS LOG (a)	DEPTH (FT) (b)	DESCRIPTION OF MATERIALS (c)	DIRECT READING (d) VOC (ppm)	DIRECT READING (d) Blow Counts	ANALYTICAL SAMPLE DESIGN. (e)	DEPTH (FT) (f)	RECOVERY % (g)	REMARKS
	0-0.5'	Concrete	0.0					
	0.5-4'	FILL (Red brick, black and brown sandy clay and tan sand mixed)	0.0				75%	*No staining or odor observed*
	4-5'	FILL (Brown sandy clay)	0.0		SB-12 4-5 (4 oz. soil jar and encore)			
	5-6.5'	FILL (Red brick and tan sand)					85%	*No staining or odor observed*
	6.5-8'	FILL (Black-grey sandy clay)	0.0					
	8-12'	FILL (Brown sandy clay with red brick at 12'	0.0 0.0				85%	*No staining or odor observed*
	12-13'	Brown sandy CLAY, wet	0.0					
	13-15'	Black-dark grey CLAY					85%	*No staining or odor observed*
	15-16'	Dark grey-brown sandy CLAY	0.0					
		Borehole terminated at 16', groundwater encountered at 12'						

PROJECT: **Stadium Square II Property**	HOLE NO.: **SB-12**

APPENDIX C

LABORATORY ANALYTICAL REPORTS

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 10:50
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-1 0-1 **Matrix: Soil** **Lab ID: 14051302-01**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**73**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Acenaphthylene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Anthracene	**17**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Benzo[a]anthracene	**45**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Benzo[a]pyrene	**32**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Benzo[b]fluoranthene	**29**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Benzo[g,h,i]perylene	**20**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Benzo[k]fluoranthene	**26**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Chrysene	**40**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Dibenz[a,h]anthracene	**7**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Fluoranthene	**74**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Fluorene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Indeno[1,2,3-cd]pyrene	**17**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
2-Methylnaphthalene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Naphthalene`	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Phenanthrene	**64**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Pyrene	**71**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 19:29	GFH
Total Metals							
Antimony	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Arsenic	**3.5**	mg/kg	0.35	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Beryllium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Cadmium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Chromium	**9.9**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Copper	**11**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Lead	**54**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Mercury	ND	mg/kg	0.071	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Nickel	**2.0**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Selenium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Silver	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Thallium	ND	mg/kg	1.4	EPA 6020A	05/13/14	05/15/14 11:22	MEL
Zinc	**8.2**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:22	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Oshea
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 10:55
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-1 4-5 **Matrix: Soil** **Lab ID: 14051302-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**85**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Acenaphthylene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Benzo[a]anthracene	**17**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Benzo[a]pyrene	**17**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Benzo[b]fluoranthene	**24**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Benzo[g,h,i]perylene	**16**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Benzo[k]fluoranthene	**13**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Chrysene	**18**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Dibenz[a,h]anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Fluoranthene	**23**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Fluorene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Indeno[1,2,3-cd]pyrene	**13**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
2-Methylnaphthalene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Naphthalene`	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Phenanthrene	**12**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Pyrene	**21**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:10	GFH
Total Metals							
Antimony	ND	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Arsenic	**2.9**	mg/kg	0.32	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Beryllium	ND	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Cadmium	ND	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Chromium	**12**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Copper	**13**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Lead	**420**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Mercury	**0.69**	mg/kg	0.064	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Nickel	**4.2**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Selenium	**3.0**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Silver	ND	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Thallium	ND	mg/kg	1.3	EPA 6020A	05/13/14	05/15/14 11:27	MEL
Zinc	**21**	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 11:27	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 15:30
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-2a 0-1 **Matrix: Soil** **Lab ID: 14051302-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**86**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Total Metals							
Antimony	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Arsenic	**4.7**	mg/kg	0.52	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Beryllium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Cadmium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Chromium	**18**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Copper	**28**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Lead	**260**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Mercury	**0.95**	mg/kg	0.1	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Nickel	**8.8**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Selenium	**4.0**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Silver	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Thallium	ND	mg/kg	2.1	EPA 6020A	05/13/14	05/15/14 11:33	MEL
Zinc	**120**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 11:33	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 15:35
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-2a 6-8 **Matrix: Soil** **Lab ID: 14051302-04**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**82**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Arsenic	**4.6**	mg/kg	0.47	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Chromium	**23**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Copper	**190**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Lead	**310**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Mercury	**0.79**	mg/kg	0.095	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Nickel	**6.4**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Selenium	**4.9**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 11:38	MEL
Zinc	**180**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 11:38	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 10:25
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-3 0-1 **Matrix: Soil** **Lab ID: 14051302-05**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**87**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Total Metals							
Antimony	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Arsenic	**2.5**	mg/kg	0.36	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Beryllium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Cadmium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Chromium	**42**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Copper	**14**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Lead	**32**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Mercury	**0.10**	mg/kg	0.072	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Nickel	**12**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Selenium	**4.9**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Silver	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Thallium	ND	mg/kg	1.4	EPA 6020A	05/13/14	05/15/14 11:44	MEL
Zinc	**27**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 11:44	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 10:30
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-3 4-5 **Matrix: Soil** **Lab ID: 14051302-06**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**82**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Arsenic	**7.0**	mg/kg	0.48	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Chromium	**24**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Copper	**52**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Lead	**200**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Mercury	**0.54**	mg/kg	0.097	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Nickel	**8.7**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Selenium	**4.9**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:00	MEL
Zinc	**150**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:00	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

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CALIBER ANALYTICAL SERVICES

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Baltimore, MD 21230

Date Sampled: 05/12/14 12:45
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-4 0-1 **Matrix: Soil** **Lab ID: 14051302-07**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**86**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**650**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Acenaphthylene	**400**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Anthracene	**2,300**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Benzo[a]anthracene	**E 150,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Benzo[a]pyrene	**11,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Benzo[b]fluoranthene	**16,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Benzo[g,h,i]perylene	**6,500**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Benzo[k]fluoranthene	**15,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Chrysene	**E 150,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Dibenz[a,h]anthracene	**1,100**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Fluoranthene	**7,300**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Fluorene	**610**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Indeno[1,2,3-cd]pyrene	**6,900**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
2-Methylnaphthalene	**320**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Naphthalene`	**750**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Phenanthrene	**6,200**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Pyrene	**E 180,000**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 20:50	GFH
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Arsenic	**13**	mg/kg	0.48	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Chromium	**15**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Copper	**110**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Lead	**390**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Mercury	**2.9**	mg/kg	0.096	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Nickel	**14**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Selenium	**4.5**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:06	MEL
Zinc	**220**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:06	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
E - estimated value, exceeds calibration range.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 12:50
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-4 4-5 **Matrix: Soil** **Lab ID: 14051302-08**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**85**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**3,400**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Acenaphthylene	**560**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Anthracene	**12,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Benzo[a]anthracene	**71,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Benzo[a]pyrene	**57,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Benzo[b]fluoranthene	**79,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Benzo[g,h,i]perylene	**21,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Benzo[k]fluoranthene	**77,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Chrysene	**50,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Dibenz[a,h]anthracene	**9,100**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Fluoranthene	**26,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Fluorene	**5,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Indeno[1,2,3-cd]pyrene	**23,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
2-Methylnaphthalene	**1,700**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Naphthalene`	**2,900**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Phenanthrene	**23,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Pyrene	**81,000**	ug/kg	31	EPA 8270C	05/15/14	05/18/14 21:30	GFH
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Arsenic	**4.5**	mg/kg	0.48	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Chromium	**13**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Copper	**230**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Lead	**130**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Mercury	**0.68**	mg/kg	0.095	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Nickel	**8.4**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Selenium	**4.7**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:11	MEL
Zinc	**200**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:11	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ocker
QC Chemist

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 11:30
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-5 0-1 **Matrix: Soil** **Lab ID: 14051302-09**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**79**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**56**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Acenaphthylene	**97**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Anthracene	**250**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Benzo[a]anthracene	**1,300**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Benzo[a]pyrene	**1,300**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Benzo[b]fluoranthene	**2,100**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Benzo[g,h,i]perylene	**630**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Benzo[k]fluoranthene	**860**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Chrysene	**1,300**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Dibenz[a,h]anthracene	**220**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Fluoranthene	**1,900**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Fluorene	**50**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Indeno[1,2,3-cd]pyrene	**600**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
2-Methylnaphthalene	**52**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Naphthalene`	**94**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Phenanthrene	**1,600**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Pyrene	**2,200**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 22:10	GFH
Total Metals							
Antimony	**2.7**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Arsenic	**8.9**	mg/kg	0.39	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Beryllium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Cadmium	**2.0**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Chromium	**39**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Copper	**230**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Lead	**860**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Mercury	**1.5**	mg/kg	0.078	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Nickel	**12**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Selenium	**3.2**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Silver	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Thallium	ND	mg/kg	1.6	EPA 6020A	05/13/14	05/15/14 12:17	MEL
Zinc	**440**	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:17	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

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Certificate of Analysis

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1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 11:35
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-5 4-5 **Matrix: Soil** **Lab ID: 14051302-10**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**74**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Acenaphthylene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Anthracene	**8**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Benzo[a]anthracene	**44**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Benzo[a]pyrene	**51**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Benzo[b]fluoranthene	**110**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Benzo[g,h,i]perylene	**40**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Benzo[k]fluoranthene	**26**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Chrysene	**51**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Dibenz[a,h]anthracene	**12**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Fluoranthene	**49**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Fluorene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Indeno[1,2,3-cd]pyrene	**35**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
2-Methylnaphthalene	ND	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Naphthalene`	**15**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Phenanthrene	**41**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Pyrene	**55**	ug/kg	7	EPA 8270C	05/15/14	05/18/14 22:50	GFH
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Arsenic	**4.8**	mg/kg	0.49	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Chromium	**16**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Copper	**84**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Lead	**370**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Mercury	**0.75**	mg/kg	0.097	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Nickel	**6.2**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Selenium	**4.2**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:22	MEL
Zinc	**51**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:22	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: 
QC Chemist

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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 12:10
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-6 0-1 **Matrix: Soil** **Lab ID: 14051302-11**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**89**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Acenaphthylene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Anthracene	**6**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Benzo[a]anthracene	**17**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Benzo[a]pyrene	**15**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Benzo[b]fluoranthene	**27**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Benzo[g,h,i]perylene	**10**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Benzo[k]fluoranthene	**10**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Chrysene	**20**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Dibenz[a,h]anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Fluoranthene	**27**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Fluorene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Indeno[1,2,3-cd]pyrene	**9**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
2-Methylnaphthalene	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Naphthalene`	ND	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Phenanthrene	**27**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Pyrene	**24**	ug/kg	6	EPA 8270C	05/15/14	05/18/14 23:30	GFH
Total Metals							
Antimony	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Arsenic	**3.8**	mg/kg	0.44	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Beryllium	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Cadmium	**9.3**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Chromium	**18**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Copper	**30**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Lead	**110**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Mercury	**0.55**	mg/kg	0.088	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Nickel	**4.1**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Selenium	**2.6**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Silver	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Thallium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:28	MEL
Zinc	**2,400**	mg/kg	22	EPA 6020A	05/13/14	05/15/14 13:34	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: 
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 12:15
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-6 4-5 **Matrix: Soil** **Lab ID: 14051302-12**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**78**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**14**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Acenaphthylene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Anthracene	**51**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Benzo[a]anthracene	**210**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Benzo[a]pyrene	**250**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Benzo[b]fluoranthene	**340**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Benzo[g,h,i]perylene	**92**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Benzo[k]fluoranthene	**130**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Chrysene	**180**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Dibenz[a,h]anthracene	**37**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Fluoranthene	**210**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Fluorene	**19**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Indeno[1,2,3-cd]pyrene	**85**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
2-Methylnaphthalene	**7**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Naphthalene`	**12**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Phenanthrene	**150**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Pyrene	**190**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:09	GFH
Total Metals							
Antimony	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Arsenic	**3.4**	mg/kg	0.37	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Beryllium	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Cadmium	**8.2**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Chromium	**22**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Copper	**53**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Lead	**550**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Mercury	**0.85**	mg/kg	0.074	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Nickel	**9.7**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Selenium	**4.6**	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Silver	ND	mg/kg	1.8	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Thallium	ND	mg/kg	1.5	EPA 6020A	05/13/14	05/15/14 12:33	MEL
Zinc	**2,500**	mg/kg	18	EPA 6020A	05/13/14	05/15/14 13:40	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ocker
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 9:50
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-7 2-3 **Matrix: Soil** **Lab ID: 14051302-13**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**69**	%		SM2540G	05/14/14	05/15/14 9:14	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**610**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:48	GFH
Acenaphthylene	**16,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Anthracene	**5,700**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Benzo[a]anthracene	**41,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Benzo[a]pyrene	**33,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Benzo[b]fluoranthene	**35,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Benzo[g,h,i]perylene	**8,300**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Benzo[k]fluoranthene	**17,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Chrysene	**45,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Dibenz[a,h]anthracene	**3,700**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Fluoranthene	**48,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Fluorene	**1,500**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Indeno[1,2,3-cd]pyrene	**8,500**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
2-Methylnaphthalene	**380**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:48	GFH
Naphthalene`	**500**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 0:48	GFH
Phenanthrene	**10,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Pyrene	**94,000**	ug/kg	620	EPA 8270C	05/15/14	05/19/14 14:35	GFH
Total Metals							
Antimony	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Arsenic	**12**	mg/kg	0.43	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Beryllium	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Cadmium	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Chromium	**20**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Copper	**46**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Lead	**250**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Mercury	**0.21**	mg/kg	0.086	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Nickel	**8.7**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Selenium	**4.2**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Silver	ND	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Thallium	ND	mg/kg	1.7	EPA 6020A	05/13/14	05/15/14 12:39	MEL
Zinc	**190**	mg/kg	2.2	EPA 6020A	05/13/14	05/15/14 12:39	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 9:55
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-7 14-16 **Matrix: Soil** **Lab ID: 14051302-14**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**71**	%		SM2540G	05/14/14	05/15/14 9:15	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**110**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Acenaphthylene	**260**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Anthracene	**200**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Benzo[a]anthracene	**590**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Benzo[a]pyrene	**390**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Benzo[b]fluoranthene	**390**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Benzo[g,h,i]perylene	**120**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Benzo[k]fluoranthene	**190**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Chrysene	**580**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Dibenz[a,h]anthracene	**43**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Fluoranthene	**610**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Fluorene	**260**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Indeno[1,2,3-cd]pyrene	**100**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
2-Methylnaphthalene	**300**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Naphthalene`	**120**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Phenanthrene	**1,200**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Pyrene	**1,300**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 1:28	GFH
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Arsenic	**5.8**	mg/kg	0.48	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Chromium	**25**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Copper	**15**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Lead	**35**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Mercury	**0.29**	mg/kg	0.096	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Nickel	**10**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Selenium	**8.5**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:44	MEL
Zinc	**33**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:44	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 15:05
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-9 0-1 **Matrix: Soil** **Lab ID: 14051302-15**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**84**	%		SM2540G	05/14/14	05/15/14 9:15	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**570**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Acenaphthylene	**250**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Anthracene	**1,500**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Benzo[a]anthracene	**6,600**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Benzo[a]pyrene	**4,900**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Benzo[b]fluoranthene	**7,200**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Benzo[g,h,i]perylene	**2,000**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Benzo[k]fluoranthene	**2,300**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Chrysene	**5,200**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Dibenz[a,h]anthracene	**670**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Fluoranthene	**6,600**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Fluorene	**610**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Indeno[1,2,3-cd]pyrene	**2,100**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
2-Methylnaphthalene	**200**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Naphthalene`	**510**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Phenanthrene	**5,900**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Pyrene	**9,100**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:07	GFH
Total Metals							
Antimony	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Arsenic	**5.9**	mg/kg	0.51	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Beryllium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Cadmium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Chromium	**45**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Copper	**65**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Lead	**230**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Mercury	**1.4**	mg/kg	0.1	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Nickel	**16**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Selenium	**5.8**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Silver	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Thallium	ND	mg/kg	2.1	EPA 6020A	05/13/14	05/15/14 12:50	MEL
Zinc	**130**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 12:50	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Osher
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 15:10
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-9 4-5 **Matrix: Soil** **Lab ID: 14051302-16**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**84**	%		SM2540G	05/14/14	05/15/14 9:15	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Acenaphthylene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Benzo[a]anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Benzo[a]pyrene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Benzo[b]fluoranthene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Benzo[g,h,i]perylene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Benzo[k]fluoranthene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Chrysene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Dibenz[a,h]anthracene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Fluoranthene	**9**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Fluorene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Indeno[1,2,3-cd]pyrene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
2-Methylnaphthalene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Naphthalene`	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Phenanthrene	ND	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Pyrene	**7**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 2:46	GFH
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Arsenic	**3.4**	mg/kg	0.49	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Cadmium	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Chromium	**21**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Copper	**9.3**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Lead	**8.6**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Mercury	ND	mg/kg	0.097	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Nickel	**6.5**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Selenium	**9.8**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	05/13/14	05/15/14 12:56	MEL
Zinc	**17**	mg/kg	2.4	EPA 6020A	05/13/14	05/15/14 12:56	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 13:05
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-10 0-1 **Matrix: Soil** **Lab ID: 14051302-17**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**78**	%		SM2540G	05/14/14	05/15/14 9:15	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**780**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Acenaphthylene	**560**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Anthracene	**4,500**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Benzo[a]anthracene	**24,000**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Benzo[a]pyrene	**12,000**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Benzo[b]fluoranthene	**18,000**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Benzo[g,h,i]perylene	**5,500**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Benzo[k]fluoranthene	**5,900**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Chrysene	**21,000**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Dibenz[a,h]anthracene	**1,600**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Fluoranthene	**3,800**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Fluorene	**1,100**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Indeno[1,2,3-cd]pyrene	**5,600**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
2-Methylnaphthalene	**170**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Naphthalene`	**210**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Phenanthrene	**17,000**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Pyrene	**8,500**	ug/kg	7	EPA 8270C	05/15/14	05/19/14 3:24	GFH
Total Metals							
Antimony	**40**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Arsenic	**53**	mg/kg	0.49	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Beryllium	ND	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Cadmium	ND	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Chromium	**26**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Copper	**220**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Lead	**880**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Mercury	**0.65**	mg/kg	0.099	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Nickel	**32**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Selenium	**5.1**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Silver	ND	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Thallium	ND	mg/kg	2	EPA 6020A	05/13/14	05/15/14 13:12	MEL
Zinc	**680**	mg/kg	2.5	EPA 6020A	05/13/14	05/15/14 13:12	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ocker
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 05/12/14 13:10
Date Received: 05/13/14 9:45
Date Issued: 05/20/14

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

Field Sample ID: SB-10 4-5 **Matrix: Soil** **Lab ID: 14051302-18**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Percent Solids							
Percent Solids	**85**	%		SM2540G	05/14/14	05/15/14 9:15	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**510**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Acenaphthylene	**500**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Anthracene	**2,800**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Benzo[a]anthracene	**8,700**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Benzo[a]pyrene	**7,400**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Benzo[b]fluoranthene	**12,000**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Benzo[g,h,i]perylene	**3,600**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Benzo[k]fluoranthene	**5,400**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Chrysene	**8,700**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Dibenz[a,h]anthracene	**960**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Fluoranthene	**1,700**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Fluorene	**950**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Indeno[1,2,3-cd]pyrene	**3,500**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
2-Methylnaphthalene	**160**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Naphthalene`	**370**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Phenanthrene	**10,000**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Pyrene	**14,000**	ug/kg	6	EPA 8270C	05/15/14	05/19/14 4:03	GFH
Total Metals							
Antimony	**6.2**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Arsenic	**11**	mg/kg	0.52	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Beryllium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Cadmium	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Chromium	**22**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Copper	**290**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Lead	**440**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Mercury	**0.45**	mg/kg	0.1	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Nickel	**15**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Selenium	**3.3**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Silver	ND	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Thallium	ND	mg/kg	2.1	EPA 6020A	05/13/14	05/15/14 13:18	MEL
Zinc	**430**	mg/kg	2.6	EPA 6020A	05/13/14	05/15/14 13:18	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ocker
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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CALIBER ANALYTICAL SERVICES

8851 Orchard Tree Lane Towson, MD 21286
Phone: 410.825.1151
Fax: 410.825.2126
www.caslabs.net

Chain of Custody Record

Customer:	Urban Green Environment
Contact/Report to:	Gary Suskauer
Phone:	410-244-7215
Fax:	410-685-0226

E-mail address:	gary@ugenv.com
Project Name:	Stadium Square II
Project Number:	041-017-14
Site Location:	Baltimore City

SDG Number:	14051302
Sampled by:	KJ
PO Number:	

Page 1 of 2

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix *	Preservative	PAHs	PPL Metals									Sampling Remarks/ Comments
	SB-1 0-1	5/12/14	1020	1	Soil		X	X									
	SB-1 4-5		1055				X	X									
	SB-2a 0-1		330					X									
	SB-2a 6-8		335					X									
	SB-3 0-1		1025					X									
	SB-3 4-5		1030					X									
	SB-4 0-1		1245				X	X									
	SB-4 4-5		1250				X	X									
	SB-5 0-1		1130				X	X									
	SB-5 4-5		1135				X	X									

Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	5/13/14 945
Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	
Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	

Deliverables: I II III CLP EDD

Custody Seals: Sample Cooler Delivered by client

Receipt Temperature: Temp:_____ On Ice

Turnaround Time: STD Next Day 2-Day Other_____

Comments/Special Instructions:

* W = Water; WW = Wastewater; GW = Groundwater; S = Soil; SL = Sludge

Chain of Custody Record

Customer:	Urban Green Environment
Contact/Report to:	Gary Suskauer
Phone:	410-244-7215
Fax:	410-685-0226

E-mail address:	gary@ugenv.com
Project Name:	Stadium Square II
Project Number:	041-017-14
Site Location:	Baltimore City

SDG Number:	1405130Z
Sampled by:	KJ
PO Number:	

Page 2 of 2

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix *	Preservative	PAHS	PPL Metals									Sampling Remarks/ Comments
	SB-6 0-1	5/12/14	1210	1	Soil		X	X									
	SB-6 4-5		1215				X	X									
	SB-7 2-3		950				X	X									
	SB-7 14-16		955				X	X									
	SB-9 0-1		305				X	X									
	SB-9 4-5		310				X	X									
	SB-10 0-1		105				X	X									
	SB-10 4-5		110				X	X									

Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	5/13/14 945
Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	
Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	

Deliverables: I II III CLP EDD

Custody Seals: Sample Cooler

Delivered by client

Receipt Temperature: Temp:_____ On Ice

Turnaround Time: STD Next Day 2-Day Other_____

Comments/Special Instructions:

* W = Water; WW = Wastewater; GW = Groundwater; S = Soil; SL = Sludge

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 05/13/14 9:45
Date Issued: 05/29/14 12:18

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-4 0-1	**Matrix: Soil**		**Date Sampled: 05/12/14 12:45**			**Lab ID: 14051302-07**	
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**590**	mg/kg	120	EPA 8015C	05/27/14	05/27/14 21:44	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.22	EPA 8015C	05/23/14	05/23/14 11:38	GFH
TPH & Oil and Grease - HEM							
TPH & Oil & Grease	**670**	mg/kg	29	EPA 9071B	05/28/14	05/29/14 11:16	AC
Field Sample ID: SB-7 2-3	**Matrix: Soil**		**Date Sampled: 05/12/14 9:50**			**Lab ID: 14051302-13**	
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**4,500**	mg/kg	140	EPA 8015C	05/27/14	05/27/14 22:26	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.28	EPA 8015C	05/23/14	05/23/14 12:02	GFH
TPH & Oil and Grease - HEM							
TPH & Oil & Grease	**7,400**	mg/kg	36	EPA 9071B	05/28/14	05/29/14 11:16	AC
Field Sample ID: SB-10 0-1	**Matrix: Soil**		**Date Sampled: 05/12/14 13:05**			**Lab ID: 14051302-19**	
TCLP Metals							
Lead	ND	mg/L	0.5	1311/6020A	05/23/14	05/27/14 11:28	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by: Matt Ochs
QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 05/13/14 9:45
Date Issued: 06/03/14 17:01
Matrix: Soil

Project: Stadium Square II
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14051302

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-4 0-1			**Date Sampled: 05/12/14 12:45**			**Lab ID: 14051302-07**	
Mercury							
Mercury Non-Extractable; Semi-Mobile	**0.571**	mg/kg	0.13	EPA 3200	05/27/14	05/27/14 12:23	SS
Field Sample ID: SB-5 0-1			**Date Sampled: 05/12/14 11:30**			**Lab ID: 14051302-09**	
Mercury							
Mercury Non-Extractable; Semi-Mobile	**0.649**	mg/kg	0.137	EPA 3200	05/27/14	05/27/14 12:34	SS

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by:

QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-2 0-1	**Matrix: Soil**		**Date Sampled: 06/05/14 9:35**			**Lab ID: 14060501-01**	
Percent Solids							
Percent Solids	**87**	%		SM2540G	06/10/14	06/11/14 7:49	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Acenaphthylene	**6**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Anthracene	**14**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Benzo[a]anthracene	**100**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Benzo[a]pyrene	**120**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Benzo[b]fluoranthene	**170**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Benzo[g,h,i]perylene	**61**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Benzo[k]fluoranthene	**75**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Chrysene	**110**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Dibenz[a,h]anthracene	**22**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Fluoranthene	**130**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Fluorene	ND	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Indeno[1,2,3-cd]pyrene	**60**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
2-Methylnaphthalene	**6**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Naphthalene`	**11**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Phenanthrene	**71**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Pyrene	**150**	ug/kg	6	EPA 8270C	06/05/14	06/09/14 14:42	GFH
Total Metals							
Antimony	ND	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Arsenic	**6.9**	mg/kg	0.56	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Beryllium	ND	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Cadmium	ND	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Chromium	**20**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Copper	**20**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Lead	**2,900**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Mercury	**0.61**	mg/kg	0.11	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Nickel	**8.5**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Selenium	**5.9**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Silver	ND	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Thallium	ND	mg/kg	2.2	EPA 6020A	06/09/14	06/10/14 11:52	MEL
Zinc	**630**	mg/kg	2.8	EPA 6020A	06/09/14	06/10/14 11:52	MEL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-2 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 9:40**			**Lab ID: 14060501-02**	
Percent Solids							
Percent Solids	**82**	%		SM2540G	06/10/14	06/11/14 7:49	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**560**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Acenaphthylene	**160**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Anthracene	**1,800**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Benzo[a]anthracene	**2,900**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Benzo[a]pyrene	**2,900**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Benzo[b]fluoranthene	**3,600**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Benzo[g,h,i]perylene	**890**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Benzo[k]fluoranthene	**1,600**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Chrysene	**2,700**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Dibenz[a,h]anthracene	**440**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Fluoranthene	**6,200**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Fluorene	**910**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Indeno[1,2,3-cd]pyrene	**970**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
2-Methylnaphthalene	**160**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Naphthalene`	**310**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Phenanthrene	**5,700**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Pyrene	**4,600**	ug/kg	67	EPA 8270C	06/05/14	06/10/14 11:44	GFH
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Chloromethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Vinyl chloride	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Bromomethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Chloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Trichlorofluoromethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1-Dichloroethene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Acetone	ND	ug/kg	65	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Carbon disulfide	ND	ug/kg	13	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Methyl acetate	ND	ug/kg	33	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Methylene chloride	ND	ug/kg	33	EPA 8260B	06/05/14	06/05/14 17:31	GFH
trans-1,2-Dichloroethene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Methyl t-butyl ether (MTBE)	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1-Dichloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
cis-1,2-Dichloroethene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
2-Butanone (MEK)	ND	ug/kg	65	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Chloroform	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1,1-Trichloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH

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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-2 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 9:40**			**Lab ID: 14060501-02**	
Target Compound List - VOLATILES							
Cyclohexane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Carbon tetrachloride	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Benzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2-Dichloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Trichloroethene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Methylcyclohexane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2-Dichloropropane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Bromodichloromethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
cis-1,3-Dichloropropene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Toluene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
trans-1,3-Dichloropropene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1,2-Trichloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Tetrachloroethene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
2-Hexanone (MBK)	ND	ug/kg	13	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Dibromochloromethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2-Dibromoethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Chlorobenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Ethylbenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
m&p-Xylene	ND	ug/kg	13	EPA 8260B	06/05/14	06/05/14 17:31	GFH
o-Xylene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Styrene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Bromoform	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Isopropylbenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,1,2,2-Tetrachloroethane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,3-Dichlorobenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,4-Dichlorobenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2-Dichlorobenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2-Dibromo-3-chloropropane	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
1,2,4-Trichlorobenzene	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Naphthalene	ND	ug/kg	13	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
tert-Butanol (TBA)	ND	ug/kg	33	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Diisopropyl ether (DIPE)	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
tert-Amyl methyl ether (TAME)	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
tert-Amyl alcohol (TAA)	ND	ug/kg	33	EPA 8260B	06/05/14	06/05/14 17:31	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	7	EPA 8260B	06/05/14	06/05/14 17:31	GFH
Total Metals							
Antimony	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-2 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 9:40**			**Lab ID: 14060501-02**	
Total Metals							
Arsenic	**8.4**	mg/kg	0.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Beryllium	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Cadmium	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Chromium	**20**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Copper	**150**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Lead	**780**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Mercury	**5.6**	mg/kg	0.099	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Nickel	**9.7**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Selenium	**4.8**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Silver	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Thallium	ND	mg/kg	2	EPA 6020A	06/09/14	06/10/14 12:20	MEL
Zinc	**290**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:20	MEL

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Certificate of Analysis

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1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-8 0-1	**Matrix: Soil**		**Date Sampled: 06/05/14 10:15**			**Lab ID: 14060501-03**	
Percent Solids							
Percent Solids	**91**	%		SM2540G	06/10/14	06/11/14 7:49	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	**150**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Acenaphthylene	**100**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Anthracene	**490**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Benzo[a]anthracene	**1,600**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Benzo[a]pyrene	**1,500**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Benzo[b]fluoranthene	**2,100**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Benzo[g,h,i]perylene	**480**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Benzo[k]fluoranthene	**850**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Chrysene	**1,600**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Dibenz[a,h]anthracene	**230**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Fluoranthene	**2,800**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Fluorene	**160**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Indeno[1,2,3-cd]pyrene	**540**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
2-Methylnaphthalene	**58**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Naphthalene`	**89**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Phenanthrene	**2,000**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Pyrene	**2,600**	ug/kg	6	EPA 8270C	06/05/14	06/10/14 8:33	GFH
Total Metals							
Antimony	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Arsenic	**5.6**	mg/kg	0.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Beryllium	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Cadmium	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Chromium	**15**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Copper	**170**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Lead	**270**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Mercury	**1.5**	mg/kg	0.1	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Nickel	**8.2**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Selenium	**3.8**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Silver	ND	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Thallium	ND	mg/kg	2	EPA 6020A	06/09/14	06/10/14 12:25	MEL
Zinc	**100**	mg/kg	2.5	EPA 6020A	06/09/14	06/10/14 12:25	MEL

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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-8 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 10:20**			**Lab ID: 14060501-04**	
Percent Solids							
Percent Solids	**76**	%		SM2540G	06/10/14	06/11/14 7:49	LMJ
Polycyclic Aromatic Hydrocarbons (SIM)							
Acenaphthene	ND	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Acenaphthylene	ND	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Anthracene	**17**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Benzo[a]anthracene	**65**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Benzo[a]pyrene	**72**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Benzo[b]fluoranthene	**96**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Benzo[g,h,i]perylene	**34**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Benzo[k]fluoranthene	**38**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Chrysene	**68**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Dibenz[a,h]anthracene	**16**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Fluoranthene	**80**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Fluorene	**9**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Indeno[1,2,3-cd]pyrene	**33**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
2-Methylnaphthalene	**7**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Naphthalene`	**11**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Phenanthrene	**65**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Pyrene	**74**	ug/kg	7	EPA 8270C	06/05/14	06/10/14 9:10	GFH
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Chloromethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Vinyl chloride	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Bromomethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Chloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Trichlorofluoromethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1-Dichloroethene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Acetone	ND	ug/kg	58	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Carbon disulfide	ND	ug/kg	12	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Methyl acetate	ND	ug/kg	29	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Methylene chloride	ND	ug/kg	29	EPA 8260B	06/05/14	06/05/14 18:00	GFH
trans-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Methyl t-butyl ether (MTBE)	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1-Dichloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
cis-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
2-Butanone (MEK)	ND	ug/kg	58	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Chloroform	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1,1-Trichloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH

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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-8 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 10:20**			**Lab ID: 14060501-04**	
Target Compound List - VOLATILES							
Cyclohexane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Carbon tetrachloride	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Benzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2-Dichloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Trichloroethene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Methylcyclohexane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2-Dichloropropane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Bromodichloromethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
cis-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Toluene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
trans-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1,2-Trichloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Tetrachloroethene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
2-Hexanone (MBK)	ND	ug/kg	12	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Dibromochloromethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2-Dibromoethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Chlorobenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Ethylbenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
m&p-Xylene	ND	ug/kg	12	EPA 8260B	06/05/14	06/05/14 18:00	GFH
o-Xylene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Styrene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Bromoform	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Isopropylbenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,1,2,2-Tetrachloroethane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,3-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,4-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2-Dibromo-3-chloropropane	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
1,2,4-Trichlorobenzene	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Naphthalene	ND	ug/kg	12	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
tert-Butanol (TBA)	ND	ug/kg	29	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Diisopropyl ether (DIPE)	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
tert-Amyl methyl ether (TAME)	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
tert-Amyl alcohol (TAA)	ND	ug/kg	29	EPA 8260B	06/05/14	06/05/14 18:00	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	6	EPA 8260B	06/05/14	06/05/14 18:00	GFH
Total Metals							
Antimony	ND	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-8 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 10:20**			**Lab ID: 14060501-04**	
Total Metals							
Arsenic	**7.6**	mg/kg	0.55	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Beryllium	ND	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Cadmium	ND	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Chromium	**30**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Copper	**64**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Lead	**360**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Mercury	**2.2**	mg/kg	0.11	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Nickel	**12**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Selenium	**8.2**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Silver	ND	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Thallium	ND	mg/kg	2.2	EPA 6020A	06/09/14	06/10/14 12:31	MEL
Zinc	**66**	mg/kg	2.7	EPA 6020A	06/09/14	06/10/14 12:31	MEL

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Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: TW-3	**Matrix: Water**		**Date Sampled: 06/05/14 9:45**			**Lab ID: 14060501-05**	
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Chloromethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Bromomethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Chloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1-Dichloroethene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Acetone	ND	ug/L	10	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Methylene chloride	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
trans-1,2-Dichloroethene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1-Dichloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
cis-1,2-Dichloroethene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
2-Butanone (MEK)	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Chloroform	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1,1-Trichloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Cyclohexane	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Carbon tetrachloride	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Benzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2-Dichloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Trichloroethene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Methylcyclohexane	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2-Dichloropropane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Bromodichloromethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
cis-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Toluene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
trans-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1,2-Trichloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Tetrachloroethene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
2-Hexanone (MBK)	ND	ug/L	5	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Dibromochloromethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2-Dibromoethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Chlorobenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Ethylbenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
m&p-Xylene	ND	ug/L	2	EPA 8260B	06/09/14	06/09/14 22:57	GFH

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/12/14 11:54

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: TW-3	**Matrix: Water**		**Date Sampled: 06/05/14 9:45**			**Lab ID: 14060501-05**	
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Styrene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Bromoform	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Isopropylbenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,3-Dichlorobenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,4-Dichlorobenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2-Dichlorobenzene	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
1,2,4-Trichlorobenzene	ND	ug/L	2	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Naphthalene	ND	ug/L	10	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	06/09/14	06/09/14 22:57	GFH
Diisopropyl ether (DIPE)	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	06/09/14	06/09/14 22:57	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	1	EPA 8260B	06/09/14	06/09/14 22:57	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Osher
QC Chemist

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CALIBER ANALYTICAL SERVICES

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Chain of Custody Record

Customer:	Urban Green Environment
Contact/Report to:	Gary Suskauer
Phone:	410-244-7215
Fax:	410-685-0226

E-mail address:	gary@ugenv.com
Project Name:	Stadium Square II Property
Project Number:	041-017-14
Site Location:	Baltimore City

SDG Number:	1406050 1
Sampled by:	KJ
PO Number:	

Page 1 of 1

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix *	Preservative		PAHs	PPL Metals	VOCs							Sampling Remarks/ Comments
	SB-2 0-1	06/05/14	0935	1	S			X	X								
	SB-2 4-5	06/05/14	0940	2	S			X	X	X							
	SB-8 0-1	06/05/14	1015	1	S			X	X								
	SB-8 4-5	06/05/14	1020	2	S			X	X	X							
	TW-3	06/05/14	0945	3	GW					X							

Relinquished by:		**Date/Time:**	6/5/14	**Deliverables:**	**Receipt Temperature:**	**Turnaround Time:**
Received by:		**Date/Time:**	6/5/14 1115	I II III CLP EDD	Temp:____ On Ice	STD Next Day 2-Day Other____
Relinquished by:		**Date/Time:**		**Custody Seals:**	**Comments/Special Instructions:**	
Received by:		**Date/Time:**		Sample Cooler		
Relinquished by:		**Date/Time:**		Delivered by client		
Received by:		**Date/Time:**				

* W = Water; WW = Wastewater; GW = Groundwater; S = Soil; SL = Sludge

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Received: 06/05/14 11:15
Date Issued: 06/26/14 9:36

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Field Sample ID: SB-2 4-5	**Matrix: Soil**		**Date Sampled: 06/05/14 9:40**			**Lab ID: 14060501-02**	
Mercury							
Mercury Non-Extractable; Semi-Mobile	**2.65**	mg/kg	0.27	EPA 3200	06/23/14	06/23/14 13:43	SS

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.
Results reported on a dry weight basis.

Approved by:

QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Urban Green Environmental
1700 Beason Street
Baltimore, MD 21230

Date Sampled: 06/05/14 9:35
Date Received: 06/05/14 11:15
Date Issued: 06/20/14

Project: Stadium Square II Property
Site Location: Baltimore City, MD
Project Number: 041-017-14

SDG Number: 14060501

Field Sample ID: SB-2 0-1 **Matrix: Soil** **Lab ID: 14060501-06**

	Result	Unit	LLQ	REGL	Method	Prepared	Analyzed	Init.
TCLP Metals								
Lead	ND	mg/L	0.5	5	1311/6020A	06/12/14	06/13/14 13:49	MEL

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

REGL - RCRA Regulatory Limit. For TCLP reference 40CFR, Part 261.24, Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic

Results reported on a dry weight basis.

Approved by: Matt Ochs

QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

SDG 14060501 add

From: Katherine Christensen [kathy@ugenv.com]
Sent: Thursday, June 12, 2014 4:55 PM
To: Lindsey Jones
Cc: 'Gary Suskauer'
Subject: RE: Stadium Square II Property Report

Hi Lindsey,

Can we run additional analysis on the following Stadium Square II samples:
SB-2 0-1 TCLP lead
SB-2 4-5 elemental mercury

Thanks!
Kathy

Katherine Christensen
Urban Green Environmental, LLC
1476 Reynolds Street, Suite 100
Baltimore, Maryland 21230
Phone: 410-244-7215
Cell: 443-844-6275
www.ugenv.com

Caliber Analytical Services
8851 Orchard Tree Lane
Towson, MD 21286
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SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

May 23, 2014

Patricia Hill
Fredericktowne Labs, Inc
PO 245
Myersville, MD 21773
TEL: 301-293-3340
FAX: 301-293-2366

RE: 8970-2

Order No.: 14051420

Dear Patricia Hill:

Summit Environmental Technologies, Inc. received 11 sample(s) on 5/14/2014 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Bachar Najm

3310 Win St.
Cuyahoga Falls, Ohio 44223

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

Workorder Sample Summary

WO#: **14051420**

27-May-14

CLIENT: Fredericktowne Labs, Inc
Project: 8970-2

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
14051420-001	8970-2-1-1; SB-1 4-5		5/12/2014 10:55:00 AM	5/14/2014 11:10:00 AM	Solid
14051420-002	8970-2-1-2; SB-2a 6-8		5/12/2014 1:35:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-003	8970-2-1-3; SB-3 4-5		5/12/2014 10:30:00 AM	5/14/2014 11:10:00 AM	Solid
14051420-004	8970-2-1-4; SB-4 4-5		5/12/2014 12:50:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-005	8970-2-1-5; SB-5 4-5		5/12/2014 11:35:00 AM	5/14/2014 11:10:00 AM	Solid
14051420-006	8970-2-1-6; SB-6 4-5		5/12/2014 12:15:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-007	8970-2-1-7; SB-7 14-16		5/12/2014 9:55:00 AM	5/14/2014 11:10:00 AM	Solid
14051420-008	8970-2-1-8; SB-9 4-5		5/12/2014 3:10:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-009	8970-2-1-9; SB-10 4-5		5/12/2014 1:10:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-010	8970-2-1-10; SB-11 4-5		5/12/2014 2:25:00 PM	5/14/2014 11:10:00 AM	Solid
14051420-011	8970-2-1-11; SB-12 4-5		5/12/2014 2:05:00 PM	5/14/2014 11:10:00 AM	Solid

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

Case Narrative

WO#: **14051420**
Date: **5/23/2014**

CLIENT: Fredericktowne Labs, Inc
Project: 8970-2

This report in its entirety consists of the documents listed below. All documents contain the Summit Environmental Technologies, Inc. Work Order Number assigned to this report.

Paginated Report including: Cover Letter, Case Narrative, Analytical Results, Applicable Quality Control Summary Reports and copies of the Chain of Custody Documents supplied with this sample set.

Concentrations reported with a J flag in the Qual field are values below the Limit of Quantitation (LOQ) but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

Method numbers, unless specified as SM (Standard Methods) or ASTM, are EPA methods.

Estimated uncertainty values are available upon request.

Any comments or problems with the analytical events associated with this report are noted below.

SUMMIT ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

WO#: **14051420**
Date Reported: **5/23/2014**
Company: Fredericktowne Labs, Inc
Address: PO 245
Myersville MD 21773
Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES

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Date Reported: **5/23/2014**
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Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-1; SB-1 4-5	001	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Surr: 4-Bromofluorobenzene	103	%REC	Solid	EPA 8260 B	1	58-127	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Surr: Dibromofluoromethane	109	%REC	Solid	EPA 8260 B	1	58-127	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Surr: Toluene-d8	103	%REC	Solid	EPA 8260 B	1	83-111	5/14/2014	MES
8970-2-1-1; SB-1 4-5	001	5/12/2014	Percent Moisture	14	%	Solid	SM 2540 B	1		5/19/2014	JLD

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Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1,2-Trichloroethane	72	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2,3-Trichloropropane	20	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,2-Dichloropropane	14	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,3,5-Trimethylbenzene	25	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Bromodichloromethane	54	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES

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Date Reported: **5/23/2014**
Company: Fredericktowne Labs, Inc
Address: PO 245
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Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Dibromomethane	15	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Isopropylbenzene	82	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	m,p-Xylene	18	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	n-Butylbenzene	67	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	n-Propylbenzene	3800	µg/Kg-dry	Solid	EPA 8260 B	10	58	5/16/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Naphthalene	8.9	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	p-Isopropyltoluene	36	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	sec-Butylbenzene	53	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	tert-Butylbenzene	6.3	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES

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8970-2-1-2; SB-2a 6-8	002	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Xylenes, Total	18	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/14/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Surr: 4-Bromofluorobenzene	281	%REC	Solid	EPA 8260 B	10	58-127	5/16/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Surr: Dibromofluoromethane	84.3	%REC	Solid	EPA 8260 B	10	58-127	5/16/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Surr: Toluene-d8	113	%REC	Solid	EPA 8260 B	10	83-111	5/16/2014	MES
8970-2-1-2; SB-2a 6-8	002	5/12/2014	Percent Moisture	14	%	Solid	SM 2540 B	1		5/19/2014	JLD

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WO#: **14051420**
Date Reported: **5/23/2014**
Company: Fredericktowne Labs, Inc
Address: PO 245
Myersville MD 21773
Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES

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8970-2-1-3; SB-3 4-5	003	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Surr: 4-Bromofluorobenzene	114	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Surr: Dibromofluoromethane	113	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Surr: Toluene-d8	99.0	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-3; SB-3 4-5	003	5/12/2014	Percent Moisture	15	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES

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8970-2-1-4; SB-4 4-5	004	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.8	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Surr: 4-Bromofluorobenzene	115	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Surr: Dibromofluoromethane	113	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Surr: Toluene-d8	101	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-4; SB-4 4-5	004	5/12/2014	Percent Moisture	14	%	Solid	SM 2540 B	1		5/19/2014	JLD

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WO#: **14051420**
Date Reported: **5/23/2014**
Company: Fredericktowne Labs, Inc
Address: PO 245
Myersville MD 21773
Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES

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Company: Fredericktowne Labs, Inc
Address: PO 245
Myersville MD 21773
Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-5; SB-5 4-5	005	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.4	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Surr: 4-Bromofluorobenzene	107	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Surr: Dibromofluoromethane	109	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Surr: Toluene-d8	102	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-5; SB-5 4-5	005	5/12/2014	Percent Moisture	21	%	Solid	SM 2540 B	1		5/19/2014	JLD

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Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES

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Date Reported: **5/23/2014**
Company: Fredericktowne Labs, Inc
Address: PO 245
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Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-6; SB-6 4-5	006	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Surr: 4-Bromofluorobenzene	109	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Surr: Dibromofluoromethane	106	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Surr: Toluene-d8	101	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-6; SB-6 4-5	006	5/12/2014	Percent Moisture	12	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,3,5-Trimethylbenzene	9.6	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES

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8970-2-1-7; SB-7 14-16	007	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Naphthalene	220	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES

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8970-2-1-7; SB-7 14-16	007	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.7	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Surr: 4-Bromofluorobenzene	108	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Surr: Dibromofluoromethane	111	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Surr: Toluene-d8	106	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-7; SB-7 14-16	007	5/12/2014	Percent Moisture	26	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES

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Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-8; SB-9 4-5	008	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Naphthalene	6.1	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Surr: 4-Bromofluorobenzene	110	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Surr: Dibromofluoromethane	110	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Surr: Toluene-d8	103	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-8; SB-9 4-5	008	5/12/2014	Percent Moisture	16	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES

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8970-2-1-9; SB-10 4-5	009	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES

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8970-2-1-9; SB-10 4-5	009	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.7	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Surr: 4-Bromofluorobenzene	105	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Surr: Dibromofluoromethane	108	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Surr: Toluene-d8	103	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-9; SB-10 4-5	009	5/12/2014	Percent Moisture	12	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-10; SB-11 4-5	010	5/12/2014	TPH-DRO	ND	mg/Kg	Solid	EPA 8015 C	10	500	5/21/2014	AMZ
8970-2-1-10; SB-11 4-5	010	5/12/2014	TPH-GRO	ND	µg/Kg-dry	Solid	EPA 8015 B	1	12000	5/20/2014	CLG
8970-2-1-10; SB-11 4-5	010	5/12/2014	Surr: FID a,a,a-TFT	95.1	%REC	Solid	EPA 8015 B	1	70-130	5/20/2014	CLG
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES

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Date Reported: **5/23/2014**
Company: Fredericktowne Labs. Inc
Address: PO 245
Myersville MD 21773
Received: 5/14/2014
Project#: 8970-2

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-10; SB-11 4-5	010	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	m,p-Xylene	9.7	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES

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Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	RL	Run	Analyst
8970-2-1-10; SB-11 4-5	010	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Xylenes, Total	9.7	µg/Kg-dry	Solid	EPA 8260 B	1	6.0	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Surr: 4-Bromofluorobenzene	106	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Surr: Dibromofluoromethane	108	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Surr: Toluene-d8	101	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-10; SB-11 4-5	010	5/12/2014	Percent Moisture	17	%	Solid	SM 2540 B	1		5/19/2014	JLD

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8970-2-1-11; SB-12 4-5	011	5/12/2014	TPH-DRO	ND	mg/Kg	Solid	EPA 8015 C	1	50	5/21/2014	AMZ
8970-2-1-11; SB-12 4-5	011	5/12/2014	TPH-GRO	ND	µg/Kg-dry	Solid	EPA 8015 B	1	12000	5/20/2014	CLG
8970-2-1-11; SB-12 4-5	011	5/12/2014	Surr: FID a,a,a-TFT	96.4	%REC	Solid	EPA 8015 B	1	70-130	5/20/2014	CLG
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1,1,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1,1-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1,2,2-Tetrachloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1,2-Trichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,1-Dichloropropene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2,3-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2,3-Trichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2,4-Trichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2,4-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2-Dibromo-3-chloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2-Dibromoethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2-Dichloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,3,5-Trimethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,3-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,3-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	1,4-Dichlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	2,2-Dichloropropane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	2-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	4-Chlorotoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Benzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES

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8970-2-1-11; SB-12 4-5	011	5/12/2014	Bromobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Bromochloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Bromodichloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Bromoform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Bromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Carbon tetrachloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Chlorobenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Chloroethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Chloroform	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Chloromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	cis-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Dibromomethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Dichlorodifluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Toluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Hexachlorobutadiene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Isopropylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Ethylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	m,p-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Methylene chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	n-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	n-Propylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Naphthalene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	o-Xylene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	p-Isopropyltoluene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	sec-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Styrene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	tert-Butylbenzene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES

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8970-2-1-11; SB-12 4-5	011	5/12/2014	Tetrachloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	trans-1,2-Dichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Trichloroethene	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Trichlorofluoromethane	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Vinyl chloride	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	MTBE (2-methoxy-2-methyl propane)	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Xylenes, Total	ND	µg/Kg-dry	Solid	EPA 8260 B	1	5.9	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Surr: 4-Bromofluorobenzene	106	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Surr: Dibromofluoromethane	110	%REC	Solid	EPA 8260 B	1	58-127	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Surr: Toluene-d8	102	%REC	Solid	EPA 8260 B	1	83-111	5/15/2014	MES
8970-2-1-11; SB-12 4-5	011	5/12/2014	Percent Moisture	16	%	Solid	SM 2540 B	1		5/19/2014	JLD

CHAIN OF CUSTODY

FREDERICKTOWNE LABS, INC.
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773
301-293-3340 OR FAX 301-293-2366

FTL Acct. No.: 8970-2

Collected By (Please Print): Katie Johnson

Compliance Sample (regulated): Yes ☐ No ☐

Project: Stadium Square II, Baltimore, MD

Affiliation: Urban Green Environmental, 1476 Reynolds Street, Baltimore, MD 21230

Analyses To Be Performed

Field Sample ID	Sample Description	Collection Date	Collection Time	Matrix DW/WW	pH	Res. Cl	DO	Temp	Grab/Comp	VOCs	% Solids						Preservation
	SB-1 4-5	5/12/14	11:55							X	X						ICE
	SB-2a 6-8		3:35							X	X						
	SB-3 4-5		10:30							X	X						
	SB-4 4-5		12:50							X	X						
	SB-5 4-5		11:35							X	X						
	SB-6 4-5		12:15							X	X						
	SB-7 14-16		9:55							X	X						
	SB-9 4-5		3:10							X	X						
	SB-10 4-5		1:10							X	X						
										X	X						V

Relinquished By: Date/Time 5/13/14 0851
Print: Brian T. Cragle
Signature:

Received By: Date/Time
(Print): Kathy Hefner 5/13/14
(Signature): 0851

Treatment Devices Present: Yes ☐ No ☐

Describe Treatment Device(s):

Relinquished By: Date/Time
Print:
Signature:

Received By: Date/Time
(Print):
(Signature):

Lead & Copper Samples - Water Last Used:
Date: Time:

Method of Shipment: Iced: Yes ☐ No ☐

Relinquished By: Date/Time
Print:
Signature:

Received By: Date/Time
(Print): Jackie Reed 5/14/14
(Signature):

Condition of Sample(s) upon Receipt:

1405142-001-0115

CHAIN OF CUSTODY

FREDERICKTOWNE LABS, INC.
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773
301-293-3340 OR FAX 301-293-2366

FTL Acct. No.: 8170-2

Collected By: (Please Print)
Katie Johnson

Compliance Sample (regulated): Yes ☐ No ☐

Project:
Stadium Square II
Baltimore, MD

Affiliation:
Urban Green Environmental
1476 Reynolds Street
Baltimore, MD 21230

Analyses To Be Performed

Field Sample ID	Sample Description	Collection Date	Collection Time	Matrix DW/WW	pH	Res Cl	DO	Temp	Grab/Comp	VOCs 8260	% Solids	TPH Predigested				Preservation
	SB-11 4-5	5/12/14	225	Soil						X	X	X				Ice
	SB-12 4-5	5/12/14	205	Soil						X	X	X				Ice

1405142D-001-011

Relinquished By	Date/Time	Received By	Date/Time
(Print): K. Bair		(Print): Kathy Hefner	5/13/14
(Signature):		(Signature): Kathy Hefner	0855
Relinquished By	Date/Time	Received By	Date/Time
(Print):		(Print):	
(Signature):		(Signature):	
Relinquished By:	Date/Time	Received By	Date/Time
(Print):		(Print): Jackie Reed	5/14/14 1100
(Signature):		(Signature):	

Treatment Devices Present: Yes ☐ No ☐

Describe Treatment Device(s):

Lead & Copper Samples - Water Last Used:
Date: Time:

Method of Shipment: Iced: Yes ☐ No ☐

Condition of Sample(s) upon Receipt:

Rev. 12
Date: 07/27/13

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: [illegible] — Initials of person inspecting cooler and samples: [illegible]
Order Number:

Date Received: [illegible] Time Received: [illegible] Date cooler(s) opened and samples inspected: [illegible]

Number of Coolers/Boxes: 1 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other

Packaging: Peanuts Bubble Wrap Paper Foam None Other

Tape on cooler/box	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in bag	Y	N	N/A
Ice: Blue ice	present	absent	melted N/A
Sample Temperature: IR Gun #15020453 CF [illegible] °C 3.1 °C			N/A
Radiological Testing: Instrument serial #35127 (see page 2 for scan results)	Y	N	N/A

Use 1 sheet per sample for Radiological Testing. If sample is HOT, the Radiological Safety Officer must be notified immediately.

C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles <6mm are acceptable. Indicate bubble size if >6mm:

Was client contacted about samples: Y N

Will client send new samples: Y N

Client contact:

Date/Time:

Logged in by:

Comments:

G:\QC SHARED\Document Control Templates - Tracking\Cooler receipt form Rev. 12 07-27-13.doc Page 1 of 2

CHAIN OF CUSTODY

FREDERICKTOWNE LABS, INC.
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773
301-293-3340 OR FAX 301-293-2366

FTL Acct. No.: 8970-2

Compliance Sample (regulated): Yes ☐ No ☐

Collected By: (Please Print)
Katie Johnson

Project:
Stadium Square II
Baltimore, MD

Affiliation:
Urban Green Environmental
1476 Reynolds Street
Baltimore, MD 21230

Analyses To Be Performed

Field Sample ID	Sample Description	Collection Date	Collection Time	Matrix DW/ WW	pH	Res. Cl	DO	Temp	Grab/ Comp	VOCs	7 Solids					Preservation
	SB-1 4-5	5/12/14	10:55							X	X					Ice
	SB-2a 6-8		3:35							X	X					
	SB-3 4-5		10:30							X	X					
	SB-4 4-5		12:50							X	X					
	SB-5 4-5		11:35							X	X					
	SB-6 4-5		12:15							X	X					
	SB-7 14-16		9:55							X	X					
	SB-9 4-5		3:10							X	X					
	SB-10 4-5		1:10							X	X					
										X	X					✓

Relinquished By:	Date/Time	Received By:	Date/Time
(Print): Brian T. Cryle	5/13/14 0851	(Print): Kathy Hefner	5/13/14
(Signature):		(Signature):	0851
Relinquished By:	Date/Time	Received By:	Date/Time
(Print):		(Print):	
(Signature):		(Signature):	
Relinquished By:	Date/Time	Received By:	Date/Time
(Print):		(Print):	
(Signature):		(Signature):	

Treatment Devices Present: Yes ☐ No ☐

DescribeTreatment Device(s):

Lead & Copper Samples - Water Last Used:
Date: Time:

Method of Shipment: **Iced:** Yes ☐ No ☐

Condition of Sample(s) upon Receipt:

CHAIN OF CUSTODY

FREDERICKTOWNE LABS, INC.
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773
301-293-3340 OR FAX 301-293-2366

FTL Acct. No.: 8970-2

Collected By: (Please Print)
Katie Johnson

Compliance Sample (regulated): Yes ☐ No ☐

Project:
Stadium Square II
Baltimore, MD

Affiliation:
Urban Green Environmental
1476 Reynolds Street
Baltimore, MD 21230

Field Sample ID	Sample Description	Collection Date	Collection Time	Matrix DW/ WW	pH	Res. Cl	DO	Temp	Grab/ Comp	Analyses To Be Performed: VOCs	% Solids	TPH DRO/GRO					Preservation
	SB-11 4-5	5/12/14	225	Soil						X	X	X					ice
	SB-12 4-5	5/12/14	205	Soil						X	X	X					ice

Relinquished By:	Date/Time	Received By:	Date/Time
(Print): [illegible]		(Print): Kathy Hefner	5/13/14
(Signature):		(Signature): Kathy Hefner	0854
Relinquished By:	Date/Time	Received By:	Date/Time
(Print):		(Print):	
(Signature):		(Signature):	
Relinquished By:	Date/Time	Received By:	Date/Time
(Print):		(Print):	
(Signature):		(Signature):	

Treatment Devices Present: Yes ☐ No ☐

DescribeTreatment Device(s):

Lead & Copper Samples - Water Last Used:
Date: Time:

Method of Shipment: **Iced:** Yes ☐ No ☐

Condition of Sample(s) upon Receipt:

ENVIROSYSTEMS, INC.

8510 Corridor Road • Suite A • Savage, Maryland 20763-9505
Phone (301) 362-0330 • Fax (301) 362-0331
Email: info@envsystems.com • Webpage: www.envsystems.com/envsys

May 18, 2014

Denise Sullivan
Urban Green Environmental, LLC
1700 Beason Street
Baltimore, MD 21230

RE; ENVSYS Report# R-1403010

Dear Denise,

Enclosed is the analytical data for samples received on May 13, 2014 along with QC summary data and chain of custody documents.

Please call me if you have any questions, comments, or require additional information.

Sincerely,

Mohan Khare, Ph.D.
President/CEO

LS/mk
Enclosures

Envirosystems, Inc.
Report No.: 1403010

ANALYTICAL DATA PACKAGE

For the samples received
May 13, 2014
Site: Stadium Square II

Prepared for

Urban Green Environmental, LLC
1700 Beason Street
Baltimore, MD 21230

Prepared by

Technical Staff

Envirosystems, Inc.
8510 Corridor Road
Suite A
Savage, MD 20763

Table Of Contents

1. NARRATIVE

Envirosystems, Inc.

Work Order: 0140502

Client: Urban Green Environmental, LLC

1. SAMPLE RECEIPT

Date Received: May 13, 2014
Cooler Temperature: 4C

Sample Summary

Client ID	Laboratory ID	(1)	(2)	(3)	(4)	(5)	Matrix
SB-2a 0-1	0140502-01		X				SOIL
SB-2a 6-8	0140502-02		X				SOIL
SB-3 0-1	0140502-03		X	X	X	X	SOIL
SB-3 4-5	0140502-04		X				SOIL
SB-3 4-5DL	0140502-04RE1		X				SOIL
SB-4 0-1	0140502-05		X		X	X	SOIL
TW-1	0140502-06	X					WATER
TW-2	0140502-07	X					WATER
GW-1	0140502-08	X					WATER
GW-2	0140502-09	X					WATER
GW-3	0140502-10	X					WATER
GW-4	0140502-11	X					WATER

Analyses:

(1) Volatiles
(2) Semi-Volatiles
(3) Pesticides
(4) PCBs
(5) Herbicides

Laboratory Data Qualifier Definitions

U: This flag indicates the compound was analyzed for but not detected. The result reported is the adjusted reporting limit for the analyte.

J: This flag indicates an estimated value. This flag is used when the result is less than the adjusted reporting limit but greater than zero.

P: This flag is used for pesticide and Aroclor target compounds when there is greater than 25% difference for detected concentrations between the two GC columns. The 'P' flag is not used unless a compound is identified on both columns. The result reported is the lower of the two column results.

B: This flag is used when the analyte is found in the associated method blank as well as in the sample. Blank contaminants are flagged 'B' only when they are detected in the sample.

E: This flag identifies compounds whose response exceeds the response of the highest standard in the initial calibration range of the instrument for that specific analysis.

D: If a sample or extract is reanalyzed at a dilution factor greater than 1 (e.g., when the response of an analyte exceeds the response of the highest standard in the initial calibration), all the reported concentrations on that Form I are flagged with the 'D' flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

S: This flag is used to indicate an estimated value for Aroclor target compounds where a 5-point initial calibration was not performed prior to the analytes detection in a sample.

2. Chain Of Custody / Traffic Report

ENVIROSYSTEMS, INC.

9200 Rumsey Road • Columbia, MD 21045 • Phone: (410) 964-0330 • Fax (410) 740-9306 • **Email: Info@envsystems.com**

CHAIN OF CUSTODY RECORD

ENVSYS # _____ Quote # _____

Client Name: Urban Green Environmental

Project Name: Stadium Square II

Site Location: City, State Baltimore, MD

PARAMETERS

FIELD SAMPLE - ID	LAB USE ONLY	DATE	TIME	MATRIX	# OF CONTAINERS	PRESERVATIVE USED	SVOCs	PCBs	Pesticides/Herbicides	VOCs			REMARKS
SB-2a 0-1	3	5/12/14	330	Soil	1	Ice	X						
SB-2a 6-8			335		1		X						
SB-3 0-1			1025		2		X	X	X				
SB-3 4-5			1030		1		X						
SB-4 0-1			1245		2			X	X				
TW-1			440	GW	3	Ice/HCl				X			
TW-2			400		3					X			
GW-1		5/13/14	940		3					X			
GW-2			920		3					X			
GW-3			900		3					X			
GW-4			930		3					X			

Relinquished By: (Signature) ①	Date / Time	Received By: (Signature)	Received by Laboratory: (Signature)	Date / Time	Shipped Via: Shipping Ticket No.
	5/13/14 11:20				
Relinquished By: (Signature) ②	Date / Time	Received By: (Signature)	Remarks:		
Relinquished By: (Signature) ③	Date / Time	Received By: (Signature)			
			Sampling By:	Sampler's Signature	

Case: 0140502 SDG: UGE0502

0140502

Envirosystems, Inc.

Client: Urban Green Environmental, LLC
Project: Stadium Square II

Project Manager: Ashraf Gorgios
Project Number: [none]

Report To:
Urban Green Environmental, LLC
Denise Sullivan
1700 Beason Street
Baltimore, MD 21230
Phone: (410) 244-7215
Fax: (410) 685-0226

Invoice To:
Urban Green Environmental, LLC
Denise Sullivan
1700 Beason Street
Baltimore, MD 21230
Phone :(410) 244-7215
Fax: (410) 685-0226

Date Due: 20-May-14 15:00 (7 day TAT)

Received By: Ashraf Gorgios
Date Received: 13-May-14 11:20

Logged In By: Ashraf Gorgios
Date Logged In: 13-May-14 11:44

Samples Received at: **4°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	Yes		

Analysis	Due	TAT	Expires	Comments
0140502-01 SB-2a 0-1 [Soil] Sampled 12-May-14 03:30 Eastern				
8270	18-May-14 12:00	7	26-May-14 03:30	
Solids, Dry Weight	18-May-14 12:00	7	19-May-14 03:30	
0140502-02 SB-2a 6-8 [Soil] Sampled 12-May-14 03:35 Eastern				
Solids, Dry Weight	18-May-14 12:00	7	19-May-14 03:35	
8270	18-May-14 12:00	7	26-May-14 03:35	
0140502-03 SB-3 0-1 [Soil] Sampled 12-May-14 10:25 Eastern				
Solids, Dry Weight	18-May-14 12:00	7	19-May-14 10:25	
8270	18-May-14 12:00	7	26-May-14 10:25	
SOM02.1 PEST	18-May-14 12:00	7	22-May-14 10:25	
SOM02.1 ARO	18-May-14 12:00	7	22-May-14 10:25	
8151 Herbicides	18-May-14 12:00	7	26-May-14 10:25	
0140502-04 SB-3 4-5 [Soil] Sampled 12-May-14 10:30 Eastern				
8270	18-May-14 12:00	7	26-May-14 10:30	
Solids, Dry Weight	18-May-14 12:00	7	19-May-14 10:30	
0140502-05 SB-4 0-1 [Soil] Sampled 12-May-14 12:45 Eastern				
SOM02.1 PEST	18-May-14 12:00	7	22-May-14 12:45	
SOM02.1 ARO	18-May-14 12:00	7	22-May-14 12:45	
8151 Herbicides	18-May-14 12:00	7	26-May-14 12:45	
Solids, Dry Weight	18-May-14 12:00	7	19-May-14 12:45	

Case: 0140502 SDG: UGE0502

0140502

Envirosystems, Inc.

Client:	**Urban Green Environmental, LLC**	**Project Manager:**	**Ashraf Gorgios**
Project:	**Stadium Square II**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
0140502-06 TW-1 [Water] Sampled 12-May-14 04:40 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	26-May-14 04:40	
0140502-07 TW-2 [Water] Sampled 12-May-14 04:00 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	26-May-14 04:00	
0140502-08 GW-1 [Water] Sampled 13-May-14 09:40 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	27-May-14 09:40	
0140502-09 GW-2 [Water] Sampled 13-May-14 09:20 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	27-May-14 09:20	
0140502-10 GW-3 [Water] Sampled 13-May-14 09:00 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	27-May-14 09:00	
0140502-11 GW-4 [Water] Sampled 13-May-14 09:30 Eastern				
8260B w/Oxygenates	18-May-14 12:00	7	27-May-14 09:30	

Ashraf Gorgios
Reviewed By

05/19/2014
Date

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

ENVSYS

ENVIROSYSTEMS, INC.

www.envsystems.com
email: info@envsystems.com

(1)

CLIENT: Envirosystems, Inc OFFICE LOC. Savage, MD

PROJECT MGR: Ashraf Gorgios PHONE NO.: 301-362-0330

EMAIL: envirosystems@gmail.com FAX NO.: 301-362-0331

PROJECT NAME: Stadium Square II PROJECT NO.:

SITE LOCATION: Baltimore, MD P.O. NO.:

SAMPLERS: Katie DW CERT NO.:

ENVSYS Work Order #: PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Herbicides (8151)	Preservative Used	Analysis/ Method Required	REMARKS
	SB-3 0-1	05/12/2014	10:25	SOIL	4 OZ	G	✓			Click to enter Remarks
	SB-4 0-1	05/12/2014	12:45	SOIL	4 OZ	G	✓			

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	5/13/14	17:00	FEDEX
Relinquished By: (2) FEDEX	05/14/14	08:50	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

# of Coolers: 1

Custody Seal:

Data Deliverables Required:

Ice Present: YES Temp: 4.8°C

Shipping Carrier: FEDEX

Special Instructions:

8510 Corridor Road • Suite A • Savage, Maryland 20763 • (301) 362-0330 • Fax (301) 362-0331

3. GC/MS 8260B Volatiles

ORGANIC ANALYSIS DATA SHEET
8260B

TW-1

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Water	Laboratory ID:	0140502-06	File ID:	0002215-09.D
Sampled:	05/12/14 04:40	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 18:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	17	
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

TW-1

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-06	File ID:	0002215-09.D
Sampled:	05/12/14 04:40	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 18:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	48.9	98	74 - 121	
1,2-Dichloroethane-d4	50.0	52.6	105	80 - 120	
Toluene-d8	50.0	45.7	91	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	103262	8.049	113592	8.036	
Chlorobenzene-d5	95099	13.052	101855	13.045	
1,4-Dichlorobenzene-d4	44816	15.563	52334	15.56	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

TW-2

Laboratory: Envirosystems, Inc. SDG: UGE0502

Client: Urban Green Environmental, LLC Project: Stadium Square II

Matrix: Water Laboratory ID: 0140502-07 File ID: 0002215-10.D

Sampled: 05/12/14 04:00 Prepared: 05/13/14 11:57 Analyzed: 05/13/14 19:09

Solids: Preparation: 8260B Initial/Final: 5 ml / 5 mL

Batch: 0E41301 Sequence: 0002215 Calibration: 04E0004 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	20	
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	130	
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	65	
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	140	
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	7.8	
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.9	
95-47-6	o-Xylene	1	4.8	J
179601-23-1	m,p-Xylene	1	36	

ORGANIC ANALYSIS DATA SHEET
8260B

TW-2

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-07	File ID:	0002215-10.D
Sampled:	05/12/14 04:00	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 19:09
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	41	
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	52	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	3.4	J
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	48.4	97	74 - 121	
1,2-Dichloroethane-d4	50.0	68.2	136	80 - 120	*
Toluene-d8	50.0	47.8	96	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	108443	8.039	113592	8.036	
Chlorobenzene-d5	105390	13.042	101855	13.045	
1,4-Dichlorobenzene-d4	52629	15.56	52334	15.56	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GW-1

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-08	File ID:	0002215-11.D
Sampled:	05/13/14 09:40	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 19:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence: 0002215		Calibration:	04E0004 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

GW-1

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-08	File ID:	0002215-11.D
Sampled:	05/13/14 09:40	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 19:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	47.9	96	74 - 121	
1,2-Dichloroethane-d4	50.0	56.3	113	80 - 120	
Toluene-d8	50.0	46.2	92	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	94929	8.036	113592	8.036	
Chlorobenzene-d5	87158	13.042	101855	13.045	
1,4-Dichlorobenzene-d4	41443	15.56	52334	15.56	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GW-2

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-09	File ID:	0002215-12.D
Sampled:	05/13/14 09:20	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 20:09
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence: 0002215		Calibration: 04E0004	Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

GW-2

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-09	File ID:	0002215-12.D
Sampled:	05/13/14 09:20	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 20:09
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	49.0	98	74 - 121	
1,2-Dichloroethane-d4	50.0	57.4	115	80 - 120	
Toluene-d8	50.0	46.1	92	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	93351	8.036	113592	8.036	
Chlorobenzene-d5	85396	13.048	101855	13.045	
1,4-Dichlorobenzene-d4	39380	15.563	52334	15.56	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GW-3

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-10	File ID:	0002215-13.D
Sampled:	05/13/14 09:00	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 20:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence: 0002215		Calibration:	04E0004 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	45	
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	43	
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

GW-3

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-10	File ID:	0002215-13.D
Sampled:	05/13/14 09:00	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 20:39
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	48.3	97	74 - 121	
1,2-Dichloroethane-d4	50.0	53.8	108	80 - 120	
Toluene-d8	50.0	47.5	95	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	87016	8.042	113592	8.036	
Chlorobenzene-d5	82051	13.045	101855	13.045	
1,4-Dichlorobenzene-d4	37713	15.563	52334	15.56	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GW-4

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-11	File ID:	0002215-14.D
Sampled:	05/13/14 09:30	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 21:08
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence: 0002215		Calibration:	04E0004 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

GW-4

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Water	Laboratory ID:	0140502-11	File ID:	0002215-14.D
Sampled:	05/13/14 09:30	Prepared:	05/13/14 11:57	Analyzed:	05/13/14 21:08
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0E41301	Sequence:	0002215	Calibration:	04E0004
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	47.9	96	74 - 121	
1,2-Dichloroethane-d4	50.0	54.4	109	80 - 120	
Toluene-d8	50.0	44.7	89	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	89134	8.042	113592	8.036	
Chlorobenzene-d5	81945	13.052	101855	13.045	
1,4-Dichlorobenzene-d4	37613	15.563	52334	15.56	

* Values outside of QC limits

4. GC/MS Semi-Volatiles

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 0-1

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-01	File ID:	0002216-13.D
Sampled:	05/12/14 03:30	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 22:38
Solids:	85.99	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
62-53-3	Aniline	1	200	U
108-95-2	Phenol	1	200	U
111-44-4	Bis(2-chloroethyl)ether	1	200	U
108-60-1	2,2'-Oxybis(1-chloropropane)	1	200	U
95-57-8	2-Chlorophenol	1	200	U
106-46-7	1,4-Dichlorobenzene	1	200	U
541-73-1	1,3-Dichlorobenzene	1	200	U
95-50-1	1,2-Dichlorobenzene	1	200	U
95-48-7	2-Methylphenol	1	200	U
106-44-5	4-Methylphenol	1	200	U
100-51-6	Benzyl alcohol	1	200	U
98-86-2	Acetophenone	1	200	U
67-72-1	Hexachloroethane	1	200	U
108-39-4	3-Methylphenol	1	200	U
621-64-7	N-Nitrosodi-n-propylamine	1	200	U
111-91-1	Bis(2-chloroethoxy)methane	1	200	U
98-95-3	Nitrobenzene	1	200	U
78-59-1	Isophorone	1	200	U
88-75-5	2-Nitrophenol	1	200	U
105-67-9	2,4-Dimethylphenol	1	200	U
120-83-2	2,4-Dichlorophenol	1	200	U
120-82-1	1,2,4-Trichlorobenzene	1	200	U
65-85-0	Benzoic acid	1	200	U
91-20-3	Naphthalene	1	200	U
106-47-8	4-Chloroaniline	1	380	U
87-68-3	Hexachlorobutadiene	1	200	U
59-50-7	4-Chloro-3-methylphenol	1	380	U
91-57-6	2-Methylnaphthalene	1	200	U
90-12-0	1-Methylnaphthalene	1	200	U
77-47-4	Hexachlorocyclopentadiene	1	200	U
88-06-2	2,4,6-Trichlorophenol	1	200	U
95-95-4	2,4,5-Trichlorophenol	1	200	U
91-58-7	2-Chloronaphthalene	1	200	U
88-74-4	2-Nitroaniline	1	380	U
131-11-3	Dimethyl phthalate	1	200	U
528-29-0	1,3-Dinitrobenzene	1	200	U
208-96-8	Acenaphthylene	1	540	
99-09-2	3-Nitroaniline	1	380	U
83-32-9	Acenaphthene	1	200	U
51-28-5	2,4-Dinitrophenol	1	380	U

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 0-1

Laboratory: Envirosystems, Inc. SDG: UGE0502

Client: Urban Green Environmental, LLC Project: Stadium Square II

Matrix: Soil Laboratory ID: 0140502-01 File ID: 0002216-13.D

Sampled: 05/12/14 03:30 Prepared: 05/13/14 11:59 Analyzed: 05/15/14 22:38

Solids: 85.99 Preparation: SVOA 8270C Initial/Final: 30 g / 1 ml

Batch: 0E41302 Sequence: 0002216 Calibration: 04E0005 Instrument: HP73I

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
132-64-9	Dibenzofuran	1	200	U
100-02-7	4-Nitrophenol	1	380	U
606-20-2	2,6-Dinitrotoluene	1	200	U
121-14-2	2,4-Dinitrotoluene	1	380	U
86-73-7	Fluorene	1	200	U
91-94-1	3,3'-Dichlorobenzidine	1	200	U
84-66-2	Diethyl phthalate	1	200	U
100-01-6	4-Nitroaniline	1	380	U
7005-72-3	4-Chlorophenyl phenyl ether	1	200	U
534-52-1	4,6-Dinitro-2-methylphenol	1	380	U
103-33-3	Azobenzene	1	200	U
101-55-3	4-Bromophenyl phenyl ether	1	200	U
118-74-1	Hexachlorobenzene	1	200	U
87-86-5	Pentachlorophenol	1	380	U
85-01-8	Phenanthrene	1	390	
120-12-7	Anthracene	1	96	J
84-74-2	Di-n-butyl phthalate	1	200	U
206-44-0	Fluoranthene	1	290	
129-00-0	Pyrene	1	560	
85-68-7	Benzyl butyl phthalate	1	200	U
218-01-9	Chrysene	1	260	
56-55-3	Benzo (a) anthracene	1	280	
117-81-7	Bis(2-ethylhexyl)phthalate	1	200	U
117-84-0	Di-n-octyl phthalate	1	200	U
205-99-2	Benzo (b) fluoranthene	1	200	
207-08-9	Benzo (k) fluoranthene	1	210	
50-32-8	Benzo (a) pyrene	1	240	
193-39-5	Indeno (1,2,3-cd) pyrene	1	120	J
53-70-3	Dibenz (a,h) anthracene	1	200	U
191-24-2	Benzo (g,h,i) perylene	1	140	J

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (ug/kg dry)	Q
NA	Tentatively Identified Compounds		0.0	U
E966796	Total Alkane TICs		0.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorophenol	2910	1243	43	25 - 121	
Phenol-d6	2910	1605	55	24 - 113	
2-Chlorophenol-d4	2910	1507	52	20 - 130	
1,2-Dichlorobenzene-d4	1940	823.4	42	20 - 130	
Nitrobenzene-d5	1940	726.4	37	23 - 120	

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 0-1

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-01	File ID:	0002216-13.D
Sampled:	05/12/14 03:30	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 22:38
Solids:	85.99	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorobiphenyl	1940	583.1	30	30 - 115	
2,4,6-Tribromophenol	2910	918.5	32	19 - 122	
p-Terphenyl-d14	1940	1023	53	18 - 137	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	101660	6.619	190981	6.619	
Naphthalene-d8	522626	9.325	671428	9.342	
Acenaphthene-d10	479850	13.38	309889	13.39	
Phenanthrene-d10	750751	16.776	330981	16.782	*
Chrysene-d12	136746	22.981	141149	22.981	
Perylene-d12	98257	26.077	97889	26.072	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 6-8

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-02	File ID:	0002216-10.D
Sampled:	05/12/14 03:35	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 20:32
Solids:	81.94	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
62-53-3	Aniline	1	210	U
108-95-2	Phenol	1	210	U
111-44-4	Bis(2-chloroethyl)ether	1	210	U
108-60-1	2,2'-Oxybis(1-chloropropane)	1	210	U
95-57-8	2-Chlorophenol	1	210	U
106-46-7	1,4-Dichlorobenzene	1	210	U
541-73-1	1,3-Dichlorobenzene	1	210	U
95-50-1	1,2-Dichlorobenzene	1	210	U
95-48-7	2-Methylphenol	1	210	U
106-44-5	4-Methylphenol	1	210	U
100-51-6	Benzyl alcohol	1	210	U
98-86-2	Acetophenone	1	210	U
67-72-1	Hexachloroethane	1	210	U
108-39-4	3-Methylphenol	1	210	U
621-64-7	N-Nitrosodi-n-propylamine	1	210	U
111-91-1	Bis(2-chloroethoxy)methane	1	210	U
98-95-3	Nitrobenzene	1	210	U
78-59-1	Isophorone	1	210	U
88-75-5	2-Nitrophenol	1	210	U
105-67-9	2,4-Dimethylphenol	1	210	U
120-83-2	2,4-Dichlorophenol	1	210	U
120-82-1	1,2,4-Trichlorobenzene	1	210	U
65-85-0	Benzoic acid	1	210	U
91-20-3	Naphthalene	1	210	U
106-47-8	4-Chloroaniline	1	400	U
87-68-3	Hexachlorobutadiene	1	210	U
59-50-7	4-Chloro-3-methylphenol	1	400	U
91-57-6	2-Methylnaphthalene	1	870	
90-12-0	1-Methylnaphthalene	1	3100	
77-47-4	Hexachlorocyclopentadiene	1	210	U
88-06-2	2,4,6-Trichlorophenol	1	210	U
95-95-4	2,4,5-Trichlorophenol	1	210	U
91-58-7	2-Chloronaphthalene	1	210	U
88-74-4	2-Nitroaniline	1	400	U
131-11-3	Dimethyl phthalate	1	210	U
528-29-0	1,3-Dinitrobenzene	1	210	U
208-96-8	Acenaphthylene	1	760	
99-09-2	3-Nitroaniline	1	400	U
83-32-9	Acenaphthene	1	210	U
51-28-5	2,4-Dinitrophenol	1	400	U

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 6-8

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-02	File ID:	0002216-10.D
Sampled:	05/12/14 03:35	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 20:32
Solids:	81.94	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
132-64-9	Dibenzofuran	1	210	U
100-02-7	4-Nitrophenol	1	400	U
606-20-2	2,6-Dinitrotoluene	1	210	U
121-14-2	2,4-Dinitrotoluene	1	400	U
86-73-7	Fluorene	1	210	U
91-94-1	3,3'-Dichlorobenzidine	1	210	U
84-66-2	Diethyl phthalate	1	160	J
100-01-6	4-Nitroaniline	1	400	U
7005-72-3	4-Chlorophenyl phenyl ether	1	210	U
534-52-1	4,6-Dinitro-2-methylphenol	1	400	U
103-33-3	Azobenzene	1	210	U
101-55-3	4-Bromophenyl phenyl ether	1	210	U
118-74-1	Hexachlorobenzene	1	210	U
87-86-5	Pentachlorophenol	1	400	U
85-01-8	Phenanthrene	1	160	J
120-12-7	Anthracene	1	210	U
84-74-2	Di-n-butyl phthalate	1	210	U
206-44-0	Fluoranthene	1	150	J
129-00-0	Pyrene	1	200	J
85-68-7	Benzyl butyl phthalate	1	210	U
218-01-9	Chrysene	1	130	J
56-55-3	Benzo (a) anthracene	1	140	J
117-81-7	Bis(2-ethylhexyl)phthalate	1	210	U
117-84-0	Di-n-octyl phthalate	1	210	U
205-99-2	Benzo (b) fluoranthene	1	130	J
207-08-9	Benzo (k) fluoranthene	1	140	J
50-32-8	Benzo (a) pyrene	1	160	J
193-39-5	Indeno (1,2,3-cd) pyrene	1	99	J
53-70-3	Dibenz (a,h) anthracene	1	210	U
191-24-2	Benzo (g,h,i) perylene	1	120	J

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (ug/kg dry)	Q
NA	Tentatively Identified Compounds		0.0	U
E966796	Total Alkane TICs		0.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorophenol	3050	853.9	28	25 - 121	
Phenol-d6	3050	2441	80	24 - 113	
2-Chlorophenol-d4	3050	1204	39	20 - 130	
1,2-Dichlorobenzene-d4	2030	788.9	39	20 - 130	
Nitrobenzene-d5	2030	2459	121	23 - 120	*

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-2a 6-8

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-02	File ID:	0002216-10.D
Sampled:	05/12/14 03:35	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 20:32
Solids:	81.94	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorobiphenyl	2030	739.1	36	30 - 115	
2,4,6-Tribromophenol	3050	1268	42	19 - 122	
p-Terphenyl-d14	2030	1241	61	18 - 137	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	104962	6.641	190981	6.619	
Naphthalene-d8	448676	9.358	671428	9.342	
Acenaphthene-d10	565603	13.385	309889	13.39	
Phenanthrene-d10	716416	16.771	330981	16.782	*
Chrysene-d12	197365	22.975	141149	22.981	
Perylene-d12	139857	26.072	97889	26.072	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 0-1

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Soil	Laboratory ID:	0140502-03	File ID:	0002216-12.D
Sampled:	05/12/14 10:25	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 21:56
Solids:	87.46	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence: 0002216		Calibration: 04E0005	Instrument: HP73I

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
62-53-3	Aniline	1	190	U
108-95-2	Phenol	1	190	U
111-44-4	Bis(2-chloroethyl)ether	1	190	U
108-60-1	2,2'-Oxybis(1-chloropropane)	1	190	U
95-57-8	2-Chlorophenol	1	190	U
106-46-7	1,4-Dichlorobenzene	1	190	U
541-73-1	1,3-Dichlorobenzene	1	190	U
95-50-1	1,2-Dichlorobenzene	1	190	U
95-48-7	2-Methylphenol	1	190	U
106-44-5	4-Methylphenol	1	190	U
100-51-6	Benzyl alcohol	1	190	U
98-86-2	Acetophenone	1	190	U
67-72-1	Hexachloroethane	1	190	U
108-39-4	3-Methylphenol	1	190	U
621-64-7	N-Nitrosodi-n-propylamine	1	190	U
111-91-1	Bis(2-chloroethoxy)methane	1	190	U
98-95-3	Nitrobenzene	1	190	U
78-59-1	Isophorone	1	190	U
88-75-5	2-Nitrophenol	1	190	U
105-67-9	2,4-Dimethylphenol	1	190	U
120-83-2	2,4-Dichlorophenol	1	190	U
120-82-1	1,2,4-Trichlorobenzene	1	190	U
65-85-0	Benzoic acid	1	190	U
91-20-3	Naphthalene	1	220	
106-47-8	4-Chloroaniline	1	380	U
87-68-3	Hexachlorobutadiene	1	190	U
59-50-7	4-Chloro-3-methylphenol	1	380	U
91-57-6	2-Methylnaphthalene	1	140	J
90-12-0	1-Methylnaphthalene	1	130	J
77-47-4	Hexachlorocyclopentadiene	1	190	U
88-06-2	2,4,6-Trichlorophenol	1	190	U
95-95-4	2,4,5-Trichlorophenol	1	190	U
91-58-7	2-Chloronaphthalene	1	190	U
88-74-4	2-Nitroaniline	1	380	U
131-11-3	Dimethyl phthalate	1	190	U
528-29-0	1,3-Dinitrobenzene	1	170	J
208-96-8	Acenaphthylene	1	1100	
99-09-2	3-Nitroaniline	1	380	U
83-32-9	Acenaphthene	1	190	U
51-28-5	2,4-Dinitrophenol	1	380	U

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 0-1

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-03	File ID:	0002216-12.D
Sampled:	05/12/14 10:25	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 21:56
Solids:	87.46	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
132-64-9	Dibenzofuran	1	150	J
100-02-7	4-Nitrophenol	1	380	U
606-20-2	2,6-Dinitrotoluene	1	190	U
121-14-2	2,4-Dinitrotoluene	1	380	U
86-73-7	Fluorene	1	95	J
91-94-1	3,3'-Dichlorobenzidine	1	190	U
84-66-2	Diethyl phthalate	1	190	U
100-01-6	4-Nitroaniline	1	380	U
7005-72-3	4-Chlorophenyl phenyl ether	1	190	U
534-52-1	4,6-Dinitro-2-methylphenol	1	380	U
103-33-3	Azobenzene	1	190	U
101-55-3	4-Bromophenyl phenyl ether	1	190	U
118-74-1	Hexachlorobenzene	1	190	U
87-86-5	Pentachlorophenol	1	380	U
85-01-8	Phenanthrene	1	870	
120-12-7	Anthracene	1	230	
84-74-2	Di-n-butyl phthalate	1	190	U
206-44-0	Fluoranthene	1	500	
129-00-0	Pyrene	1	730	
85-68-7	Benzyl butyl phthalate	1	190	U
218-01-9	Chrysene	1	360	
56-55-3	Benzo (a) anthracene	1	380	
117-81-7	Bis(2-ethylhexyl)phthalate	1	84	J
117-84-0	Di-n-octyl phthalate	1	190	U
205-99-2	Benzo (b) fluoranthene	1	230	
207-08-9	Benzo (k) fluoranthene	1	230	
50-32-8	Benzo (a) pyrene	1	270	
193-39-5	Indeno (1,2,3-cd) pyrene	1	140	J
53-70-3	Dibenz (a,h) anthracene	1	190	U
191-24-2	Benzo (g,h,i) perylene	1	150	J

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (ug/kg dry)	Q
NA	Tentatively Identified Compounds		0.0	U
E966796	Total Alkane TICs		0.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorophenol	2860	2262	79	25 - 121	
Phenol-d6	2860	2382	83	24 - 113	
2-Chlorophenol-d4	2860	2631	92	20 - 130	
1,2-Dichlorobenzene-d4	1910	1474	77	20 - 130	
Nitrobenzene-d5	1910	1628	85	23 - 120	

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 0-1

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-03	File ID:	0002216-12.D
Sampled:	05/12/14 10:25	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 21:56
Solids:	87.46	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorobiphenyl	1910	1235	65	30 - 115	
2,4,6-Tribromophenol	2860	1557	54	19 - 122	
p-Terphenyl-d14	1910	1353	71	18 - 137	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	236560	6.592	190981	6.619	
Naphthalene-d8	884145	9.326	671428	9.342	
Acenaphthene-d10	513580	13.385	309889	13.39	
Phenanthrene-d10	539302	16.782	330981	16.782	
Chrysene-d12	129864	22.981	141149	22.981	
Perylene-d12	101347	26.083	97889	26.072	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5

Laboratory: Envirosystems, Inc. SDG: UGE0502

Client: Urban Green Environmental, LLC Project: Stadium Square II

Matrix: Soil Laboratory ID: 0140502-04 File ID: 0002216-11.D

Sampled: 05/12/14 10:30 Prepared: 05/13/14 11:59 Analyzed: 05/15/14 21:14

Solids: 82.78 Preparation: SVOA 8270C Initial/Final: 30 g / 1 ml

Batch: 0E41302 Sequence: 0002216 Calibration: 04E0005 Instrument: HP73I

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
62-53-3	Aniline	1	210	U
108-95-2	Phenol	1	210	U
111-44-4	Bis(2-chloroethyl)ether	1	210	U
108-60-1	2,2'-Oxybis(1-chloropropane)	1	210	U
95-57-8	2-Chlorophenol	1	210	U
106-46-7	1,4-Dichlorobenzene	1	210	U
541-73-1	1,3-Dichlorobenzene	1	210	U
95-50-1	1,2-Dichlorobenzene	1	210	U
95-48-7	2-Methylphenol	1	210	U
106-44-5	4-Methylphenol	1	210	U
100-51-6	Benzyl alcohol	1	210	U
98-86-2	Acetophenone	1	210	U
67-72-1	Hexachloroethane	1	210	U
108-39-4	3-Methylphenol	1	210	U
621-64-7	N-Nitrosodi-n-propylamine	1	210	U
111-91-1	Bis(2-chloroethoxy)methane	1	210	U
98-95-3	Nitrobenzene	1	210	U
78-59-1	Isophorone	1	210	U
88-75-5	2-Nitrophenol	1	210	U
105-67-9	2,4-Dimethylphenol	1	210	U
120-83-2	2,4-Dichlorophenol	1	210	U
120-82-1	1,2,4-Trichlorobenzene	1	210	U
65-85-0	Benzoic acid	1	210	U
91-20-3	Naphthalene	1	180	J
106-47-8	4-Chloroaniline	1	400	U
87-68-3	Hexachlorobutadiene	1	210	U
59-50-7	4-Chloro-3-methylphenol	1	400	U
91-57-6	2-Methylnaphthalene	1	110	J
90-12-0	1-Methylnaphthalene	1	98	J
77-47-4	Hexachlorocyclopentadiene	1	210	U
88-06-2	2,4,6-Trichlorophenol	1	210	U
95-95-4	2,4,5-Trichlorophenol	1	210	U
91-58-7	2-Chloronaphthalene	1	210	U
88-74-4	2-Nitroaniline	1	400	U
131-11-3	Dimethyl phthalate	1	210	U
528-29-0	1,3-Dinitrobenzene	1	210	U
208-96-8	Acenaphthylene	1	1400	
99-09-2	3-Nitroaniline	1	400	U
83-32-9	Acenaphthene	1	240	
51-28-5	2,4-Dinitrophenol	1	400	U

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Soil	Laboratory ID:	0140502-04	File ID:	0002216-11.D
Sampled:	05/12/14 10:30	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 21:14
Solids:	82.78	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
132-64-9	Dibenzofuran	1	210	U
100-02-7	4-Nitrophenol	1	400	U
606-20-2	2,6-Dinitrotoluene	1	210	U
121-14-2	2,4-Dinitrotoluene	1	400	U
86-73-7	Fluorene	1	140	J
91-94-1	3,3'-Dichlorobenzidine	1	210	U
84-66-2	Diethyl phthalate	1	210	U
100-01-6	4-Nitroaniline	1	400	U
7005-72-3	4-Chlorophenyl phenyl ether	1	210	U
534-52-1	4,6-Dinitro-2-methylphenol	1	400	U
103-33-3	Azobenzene	1	210	U
101-55-3	4-Bromophenyl phenyl ether	1	210	U
118-74-1	Hexachlorobenzene	1	210	U
87-86-5	Pentachlorophenol	1	400	U
85-01-8	Phenanthrene	1	1300	
120-12-7	Anthracene	1	340	
84-74-2	Di-n-butyl phthalate	1	210	U
206-44-0	Fluoranthene	1	3500	E
129-00-0	Pyrene	1	7500	E
85-68-7	Benzyl butyl phthalate	1	210	U
218-01-9	Chrysene	1	4000	E
56-55-3	Benzo (a) anthracene	1	4400	E
117-81-7	Bis(2-ethylhexyl)phthalate	1	100	J
117-84-0	Di-n-octyl phthalate	1	210	U
205-99-2	Benzo (b) fluoranthene	1	2400	
207-08-9	Benzo (k) fluoranthene	1	2000	
50-32-8	Benzo (a) pyrene	1	4100	E
193-39-5	Indeno (1,2,3-cd) pyrene	1	1700	
53-70-3	Dibenz (a,h) anthracene	1	770	
191-24-2	Benzo (g,h,i) perylene	1	2000	

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (ug/kg dry)	Q
NA	Tentatively Identified Compounds		0.0	U
E966796	Total Alkane TICs		0.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorophenol	3020	1439	48	25 - 121	
Phenol-d6	3020	1535	51	24 - 113	
2-Chlorophenol-d4	3020	1666	55	20 - 130	
1,2-Dichlorobenzene-d4	2010	980.3	49	20 - 130	
Nitrobenzene-d5	2010	1134	56	23 - 120	

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-04	File ID:	0002216-11.D
Sampled:	05/12/14 10:30	Prepared:	05/13/14 11:59	Analyzed:	05/15/14 21:14
Solids:	82.78	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorobiphenyl	2010	1375	68	30 - 115	
2,4,6-Tribromophenol	3020	1928	64	19 - 122	
p-Terphenyl-d14	2010	1260	63	18 - 137	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	292369	6.614	190981	6.619	
Naphthalene-d8	988140	9.325	671428	9.342	
Acenaphthene-d10	332309	13.38	309889	13.39	
Phenanthrene-d10	241772	16.776	330981	16.782	
Chrysene-d12	87679	22.991	141149	22.981	
Perylene-d12	82148	26.093	97889	26.072	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5DL

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-04RE1	File ID:	0002216-14.D
Sampled:	05/12/14 10:30	Prepared:	05/13/14 11:59	Analyzed:	05/16/14 00:04
Solids:	82.78	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
62-53-3	Aniline	5	1000	U
108-95-2	Phenol	5	1000	U
111-44-4	Bis(2-chloroethyl)ether	5	1000	U
108-60-1	2,2'-Oxybis(1-chloropropane)	5	1000	U
95-57-8	2-Chlorophenol	5	1000	U
106-46-7	1,4-Dichlorobenzene	5	1000	U
541-73-1	1,3-Dichlorobenzene	5	1000	U
95-50-1	1,2-Dichlorobenzene	5	1000	U
95-48-7	2-Methylphenol	5	1000	U
106-44-5	4-Methylphenol	5	1000	U
100-51-6	Benzyl alcohol	5	1000	U
98-86-2	Acetophenone	5	1000	U
67-72-1	Hexachloroethane	5	1000	U
108-39-4	3-Methylphenol	5	1000	U
621-64-7	N-Nitrosodi-n-propylamine	5	1000	U
111-91-1	Bis(2-chloroethoxy)methane	5	1000	U
98-95-3	Nitrobenzene	5	1000	U
78-59-1	Isophorone	5	1000	U
88-75-5	2-Nitrophenol	5	1000	U
105-67-9	2,4-Dimethylphenol	5	1000	U
120-83-2	2,4-Dichlorophenol	5	1000	U
120-82-1	1,2,4-Trichlorobenzene	5	1000	U
65-85-0	Benzoic acid	5	1000	U
91-20-3	Naphthalene	5	1000	U
106-47-8	4-Chloroaniline	5	2000	U
87-68-3	Hexachlorobutadiene	5	1000	U
59-50-7	4-Chloro-3-methylphenol	5	2000	U
91-57-6	2-Methylnaphthalene	5	1000	U
90-12-0	1-Methylnaphthalene	5	1000	JD
77-47-4	Hexachlorocyclopentadiene	5	1000	U
88-06-2	2,4,6-Trichlorophenol	5	1000	U
95-95-4	2,4,5-Trichlorophenol	5	1000	U
91-58-7	2-Chloronaphthalene	5	1000	U
88-74-4	2-Nitroaniline	5	2000	U
131-11-3	Dimethyl phthalate	5	1000	U
528-29-0	1,3-Dinitrobenzene	5	1000	U
208-96-8	Acenaphthylene	5	1100	D
99-09-2	3-Nitroaniline	5	2000	U
83-32-9	Acenaphthene	5	1000	U
51-28-5	2,4-Dinitrophenol	5	2000	U

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5DL

Laboratory:	Envirosystems, Inc.		SDG:	UGE0502	
Client:	Urban Green Environmental, LLC		Project:	Stadium Square II	
Matrix:	Soil	Laboratory ID:	0140502-04RE1	File ID:	0002216-14.D
Sampled:	05/12/14 10:30	Prepared:	05/13/14 11:59	Analyzed:	05/16/14 00:04
Solids:	82.78	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005	Instrument:	HP73I

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
132-64-9	Dibenzofuran	5	1000	U
100-02-7	4-Nitrophenol	5	2000	U
606-20-2	2,6-Dinitrotoluene	5	1000	U
121-14-2	2,4-Dinitrotoluene	5	2000	U
86-73-7	Fluorene	5	1000	U
91-94-1	3,3'-Dichlorobenzidine	5	1000	U
84-66-2	Diethyl phthalate	5	1000	U
100-01-6	4-Nitroaniline	5	2000	U
7005-72-3	4-Chlorophenyl phenyl ether	5	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	5	2000	U
103-33-3	Azobenzene	5	1000	U
101-55-3	4-Bromophenyl phenyl ether	5	1000	U
118-74-1	Hexachlorobenzene	5	1000	U
87-86-5	Pentachlorophenol	5	2000	U
85-01-8	Phenanthrene	5	1100	D
120-12-7	Anthracene	5	1000	U
84-74-2	Di-n-butyl phthalate	5	1000	U
206-44-0	Fluoranthene	5	3500	D
129-00-0	Pyrene	5	7100	D
85-68-7	Benzyl butyl phthalate	5	1000	U
218-01-9	Chrysene	5	3300	D
56-55-3	Benzo (a) anthracene	5	3800	D
117-81-7	Bis(2-ethylhexyl)phthalate	5	1000	U
117-84-0	Di-n-octyl phthalate	5	1000	U
205-99-2	Benzo (b) fluoranthene	5	1900	D
207-08-9	Benzo (k) fluoranthene	5	2300	D
50-32-8	Benzo (a) pyrene	5	3700	D
193-39-5	Indeno (1,2,3-cd) pyrene	5	1400	D
53-70-3	Dibenz (a,h) anthracene	5	680	JD
191-24-2	Benzo (g,h,i) perylene	5	1900	D

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (ug/kg dry)	Q
NA	Tentatively Identified Compounds		0.0	U
E966796	Total Alkane TICs		0.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorophenol	3020	1360	45	25 - 121	
Phenol-d6	3020	1485	49	24 - 113	
2-Chlorophenol-d4	3020	1638	54	20 - 130	
1,2-Dichlorobenzene-d4	2010	904.2	45	20 - 130	
Nitrobenzene-d5	2010	966.8	48	23 - 120	

ORGANIC ANALYSIS DATA SHEET
EPA 8270D

SB-3 4-5DL

Laboratory:	Envirosystems, Inc.			SDG:	UGE0502
Client:	Urban Green Environmental, LLC			Project:	Stadium Square II
Matrix:	Soil	Laboratory ID:	0140502-04RE1	File ID:	0002216-14.D
Sampled:	05/12/14 10:30	Prepared:	05/13/14 11:59	Analyzed:	05/16/14 00:04
Solids:	82.78	Preparation:	SVOA 8270C	Initial/Final:	30 g / 1 ml
Batch:	0E41302	Sequence:	0002216	Calibration:	04E0005
Instrument:	HP73I				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
2-Fluorobiphenyl	2010	1020	51	30 - 115	
2,4,6-Tribromophenol	3020	1509	50	19 - 122	
p-Terphenyl-d14	2010	1144	57	18 - 137	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	275268	6.614	190981	6.619	
Naphthalene-d8	1015781	9.32	671428	9.342	
Acenaphthene-d10	436041	13.375	309889	13.39	
Phenanthrene-d10	415262	16.766	330981	16.782	
Chrysene-d12	167135	22.975	141149	22.981	
Perylene-d12	136963	26.078	97889	26.072	

* Values outside of QC limits

5. Pesticides

FORM 1A-OR
ORGANICS ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SB-3 0-1

Lab Name: Envirosystems, Inc. Contract: Stadium SquareII
Lab Code: ENVSYS Case No.: 0140502 MA No.: SDG No.: UGE0502
Analytical Method: Level:
Matrix: SOIL Lab Sample ID: 0140502-03
Sample wt/vol: 30.0 (g/mL) g Lab File ID: 0002217-22.d
% Solids: 87.5 Date Received: 05/13/2014
GC Column: RTXCLP ID: 0.32 (mm) Date Extracted: 05/13/2014
GC Column: RTXCLP2 ID: 0.32 (mm) Date Analyzed: 05/15/2014
Extract Concentrated:(Y/N) Y Extract Volume: 10000 (uL)
Soil Aliquot (VOA): (uL) Extraction Type: SONC
Heated Purge: Y/N Injection Volume: 0.5
Purge Volume: (mL) pH: Dilution Factor: 1.0
Cleanup Types: Florisil Cleanup Factor: 1
Concentration Units: (µg/L, µg/kg): ug/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U

FORM 1A-OR
ORGANICS ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SB-4 0-1

Lab Name: Envirosystems, Inc. Contract: Stadium SquareII
Lab Code: ENVSYS Case No.: 0140502 MA No.: SDG No.: UGE0502
Analytical Method: Level:
Matrix: SOIL Lab Sample ID: 0140502-05
Sample wt/vol: 30.0 (g/mL) g Lab File ID: 0002217-23.d
% Solids: 86.8 Date Received: 05/13/2014
GC Column: RTXCLP ID: 0.32 (mm) Date Extracted: 05/13/2014
GC Column: RTXCLP2 ID: 0.32 (mm) Date Analyzed: 05/15/2014
Extract Concentrated:(Y/N) Y Extract Volume: 10000 (uL)
Soil Aliquot (VOA): (uL) Extraction Type: SONC
Heated Purge: Y/N Injection Volume: 0.5
Purge Volume: (mL) pH: Dilution Factor: 1.0
Cleanup Types: Florisil Cleanup Factor: 1
Concentration Units: (µg/L, µg/kg): ug/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	10	
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	18	
50-29-3	4,4'-DDT	3.7	JP
72-43-5	Methoxychlor	140	P
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	18	P
8001-35-2	Toxaphene	200	U

6. PCBs

FORM 1A-OR
ORGANICS ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SB-3 0-1

Lab Name: Envirosystems, Inc. Contract: Stadium SquareII

Lab Code: ENVSYS Case No.: 0140502 MA No.: SDG No.: UGE0502

Analytical Method: ARO Level:

Matrix: SOIL Lab Sample ID: 0140502-03

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 0002218-17.d

% Solids: 87.5 Date Received: 05/13/2014

GC Column: RTXCLP ID: 0.32 (mm) Date Extracted: 05/13/2014

GC Column: RTXCLP2 ID: 0.32 (mm) Date Analyzed: 05/16/2014

Extract Concentrated: (Y/N) Y Extract Volume: 10000 (uL)

Soil Aliquot (VOA): (uL) Extraction Type: SONC

Heated Purge: Y/N Injection Volume: 0.5

Purge Volume: (mL) pH: Dilution Factor: 1.0

Cleanup Types: Acid Cleanup Factor: 1

Concentration Units: (µg/L, µg/kg): ug/kg

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	38	U
11096-82-5	Aroclor-1260	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
37324-23-5	Aroclor-1262	38	U
11100-14-4	Aroclor-1268	38	U

FORM 1A-OR
ORGANICS ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SB-4 0-1

Lab Name: Envirosystems, Inc. Contract: Stadium SquareII

Lab Code: ENVSYS Case No.: 0140502 MA No.: SDG No.: UGE0502

Analytical Method: ARO Level:

Matrix: SOIL Lab Sample ID: 0140502-05

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 0002218-18.d

% Solids: 86.8 Date Received: 05/13/2014

GC Column: RTXCLP ID: 0.32 (mm) Date Extracted: 05/13/2014

GC Column: RTXCLP2 ID: 0.32 (mm) Date Analyzed: 05/16/2014

Extract Concentrated: (Y/N) Y Extract Volume: 10000 (uL)

Soil Aliquot (VOA): (uL) Extraction Type: SONC

Heated Purge: Y/N Injection Volume: 0.5

Purge Volume: (mL) pH: Dilution Factor: 1.0

Cleanup Types: Acid Cleanup Factor: 1

Concentration Units: (µg/L, µg/kg): ug/kg

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	38	U
11096-82-5	Aroclor-1260	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
37324-23-5	Aroclor-1262	38	U
11100-14-4	Aroclor-1268	38	U

7. Herbicides

Client: Envirosystems, Inc
Client Sample ID: SB-3 0-1
Lab ID: N0817-01

Project: Stadium Square II, 5/12/14
Collection Date: 05/12/14 10:25

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8151A -- Chlorinated Herbicides by GC-ECD							**SW8151_S**
Dalapon	ND		93	ug/Kg	1	05/23/2014 11:55	77161
MCPP	ND		3700	ug/Kg	1	05/23/2014 11:55	77161
MCPA	ND		3700	ug/Kg	1	05/23/2014 11:55	77161
Dichlorprop	ND		37	ug/Kg	1	05/23/2014 11:55	77161
2,4,5-TP (Silvex)	ND		3.7	ug/Kg	1	05/23/2014 11:55	77161
2,4-DB	ND		37	ug/Kg	1	05/23/2014 11:55	77161
Dinoseb	ND		19	ug/Kg	1	05/23/2014 11:55	77161
Surrogate: DCAA	90.6		50-130	%REC	1	05/23/2014 11:55	77161

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Client: Envirosystems, Inc
Client Sample ID: SB-4 0-1
Lab ID: N0817-02
Project: Stadium Square II, 5/12/14
Collection Date: 05/12/14 12:45

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8151A -- Chlorinated Herbicides by GC-ECD							**SW8151_S**
Dalapon	ND		96	ug/Kg	1	05/23/2014 11:16	77161
MCPP	ND		3800	ug/Kg	1	05/23/2014 11:16	77161
MCPA	ND		3800	ug/Kg	1	05/23/2014 11:16	77161
Dichlorprop	ND		38	ug/Kg	1	05/23/2014 11:16	77161
2,4,5-TP (Silvex)	ND		3.8	ug/Kg	1	05/23/2014 11:16	77161
2,4-DB	ND		38	ug/Kg	1	05/23/2014 11:16	77161
Dinoseb	ND		20	ug/Kg	1	05/23/2014 11:16	77161
Surrogate: DCAA	70.0		50-130	%REC	1	05/23/2014 11:16	77161

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **STADIUM SQUARE**

Project Number: N/A

Project Manager: Gary Suskauer

Report Issued: 05/19/14 15:58

Urban Green Environmental, LLC

1700 Beason St

Baltimore MD, 21230

CLIENT SAMPLE ID:		SG-1	SG-2	SG-3	SG-4
LAB SAMPLE ID:		4051308-01	4051308-02	4051308-03	4051308-04
SAMPLE DATE:		05/13/14	05/13/14	05/13/14	05/13/14
RECEIVED DATE:		05/13/14	05/13/14	05/13/14	05/13/14
MATRIX	Units	Vapor	Vapor	Vapor	Vapor
VOLATILE ORGANICS BY EPA METHOD TO-15 (GC/MS) (Vapor)					
Acetone	ug/m³	**86.1**	**201**	**83.8**	**355 [1]**
Benzene	ug/m³	**7.92**	**8.05**	<2.56	**62.9**
Benzyl chloride	ug/m³	<4.00	<4.00	<4.00	<4.00
Bromodichloromethane	ug/m³	<5.20	<5.20	**5.90**	<5.20
Bromoform	ug/m³	<8.40	<8.40	<8.40	<8.40
Bromomethane	ug/m³	<3.12	<3.12	<3.12	<3.12
1,3-Butadiene	ug/m³	<1.76	<1.76	<1.76	<1.76
Carbon disulfide	ug/m³	**2.62**	<2.48	**2.49**	**11.0**
Carbon tetrachloride	ug/m³	<5.20	<5.20	<5.20	<5.20
Chlorobenzene	ug/m³	<3.68	<3.68	<3.68	<3.68
Chloroethane	ug/m³	<2.12	<2.12	<2.12	<2.12
Chloroform	ug/m³	<3.88	<3.88	<3.88	<3.88
Chloromethane	ug/m³	<1.64	<1.64	<1.64	<1.64
3-Chloropropene	ug/m³	<2.52	<2.52	<2.52	<2.52
Cyclohexane	ug/m³	<2.76	<2.76	<2.76	**31.5**
Dibromochloromethane	ug/m³	<5.20	<5.20	<5.20	<5.20
1,2-Dibromoethane (EDB)	ug/m³	<5.60	<5.60	<5.60	<5.60
1,2-Dichlorobenzene	ug/m³	<4.80	<4.80	<4.80	<4.80
1,3-Dichlorobenzene	ug/m³	<4.80	<4.80	<4.80	<4.80
1,4-Dichlorobenzene	ug/m³	<4.80	<4.80	<4.80	<4.80
Dichlorodifluoromethane	ug/m³	<3.96	<3.96	<3.96	**6.92**
1,1-Dichloroethane	ug/m³	<3.24	<3.24	<3.24	<3.24
1,2-Dichloroethane	ug/m³	<3.24	<3.24	<3.24	<3.24
1,1-Dichloroethene	ug/m³	<3.16	<3.16	<3.16	<3.16
cis-1,2-Dichloroethene	ug/m³	<3.16	<3.16	<3.16	<3.16
trans-1,2-Dichloroethene	ug/m³	<3.16	<3.16	<3.16	<3.16
1,2-Dichloropropane	ug/m³	<3.68	<3.68	<3.68	<3.68
cis-1,3-Dichloropropene	ug/m³	<3.64	<3.64	<3.64	<3.64
trans-1,3-Dichloropropene	ug/m³	<3.64	<3.64	<3.64	<3.64
1,4-Dioxane	ug/m³	<2.88	<2.88	<2.88	<2.88
Ethyl acetate	ug/m³	<2.88	<2.88	<2.88	**39.5**
Ethylbenzene	ug/m³	**7.12**	**16.0**	**3.82**	**13.7**
4-Ethyltoluene	ug/m³	<3.92	<3.92	<3.92	<3.92
Freon 113	ug/m³	<6.00	<6.00	<6.00	<6.00
Freon 114	ug/m³	<5.60	<5.60	<5.60	<5.60
n-Heptane	ug/m³	<3.28	<3.28	<3.28	**740 [1]**

1 = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **STADIUM SQUARE**

Project Number: N/A

Project Manager: Gary Suskauer

Report Issued: 05/19/14 15:58

Urban Green Environmental, LLC

1700 Beason St

Baltimore MD, 21230

CLIENT SAMPLE ID:		SG-1	SG-2	SG-3	SG-4
LAB SAMPLE ID:		4051308-01	4051308-02	4051308-03	4051308-04
SAMPLE DATE:		05/13/14	05/13/14	05/13/14	05/13/14
RECEIVED DATE:		05/13/14	05/13/14	05/13/14	05/13/14
MATRIX	Units	Vapor	Vapor	Vapor	Vapor
VOLATILE ORGANICS BY EPA METHOD TO-15 (GC/MS) (continued)					
Hexachlorobutadiene	ug/m³	<8.40	<8.40	<8.40	<8.40
Hexane	ug/m³	<56.0	<56.0	<56.0	<56.0
2-Hexanone	ug/m³	<3.28	<3.28	<3.28	<3.28
Isopropylbenzene (Cumene)	ug/m³	<4.40	<4.40	<4.40	<4.40
Methyl tert-butyl ether (MTBE)	ug/m³	<2.88	<2.88	<2.88	<2.88
Methylene chloride	ug/m³	<56.0	<56.0	<56.0	<56.0
Methyl ethyl ketone (2-Butanone)	ug/m³	**9.32**	**2.83**	**6.37**	**36.7**
Methyl isobutyl ketone	ug/m³	<3.28	**55.9**	<3.28	**35.4**
Naphthalene	ug/m³	<4.40	<4.40	<4.40	<4.40
Propene	ug/m³	<1.36	**1.79**	<1.36	**33.0**
n-Propylbenzene	ug/m³	<3.92	<3.92	<3.92	<3.92
Styrene	ug/m³	<3.40	<3.40	<3.40	<3.40
1,1,2,2-Tetrachloroethane	ug/m³	<5.60	<5.60	<5.60	<5.60
Tetrachloroethene	ug/m³	**23.1**	**256**	**10.3**	**8.14**
Tetrahydrofuran	ug/m³	**12.5**	**8.97**	<2.36	**18.6**
Toluene	ug/m³	<3.00	**390 [1]**	<3.00	**44.6**
1,2,4-Trichlorobenzene	ug/m³	<6.00	<6.00	<6.00	<6.00
1,1,1-Trichloroethane	ug/m³	<4.40	<4.40	<4.40	<4.40
1,1,2-Trichloroethane	ug/m³	<4.40	<4.40	<4.40	<4.40
Trichloroethene	ug/m³	<4.40	**45.8**	**659 [1]**	<4.40
Trichlorofluoromethane (Freon 11)	ug/m³	<4.40	<4.40	<4.40	<4.40
1,2,4-Trimethylbenzene	ug/m³	<3.92	<3.92	<3.92	<3.92
1,3,5-Trimethylbenzene	ug/m³	<3.92	<3.92	<3.92	<3.92
2,2,4-Trimethylpentane	ug/m³	<3.72	<3.72	<3.72	<3.72
Vinyl acetate	ug/m³	<2.80	<2.80	<2.80	<2.80
Vinyl bromide	ug/m³	<3.48	<3.48	<3.48	<3.48
Vinyl chloride	ug/m³	<2.04	<2.04	<2.04	<2.04
o-Xylene	ug/m³	**13.4**	**25.9**	**6.08**	**21.0**
m- & p-Xylenes	ug/m³	**42.2**	**77.3**	**23.8**	**69.1**
4-Bromofluorobenzene	[surr]	102%	97.3%	97.9%	101%

1 = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).

Air Analysis by TO-15

Chain of Custody

Client Contact Information	Project Manager: Gary Sidorsky	Carrier:	1 of 1 COCs
Company: Urban Green Environmental	Phone: gary@ugenv.com	Samplers Name(s): K Johnson, B Croyle	
Address: 1476 Reynolds St Suite 100	Site Contact:		
City/State/Zip: Baltimore, MD 21230			
Phone: 4102447215			
FAX:			
Project Name: Stadium Square II	Analysis Turnaround Time		
Site: Baltimore, MD	Standard (Specify)		
PO #	Rush (Specify)		

Client Sample ID	Sample Date Start	Time Start (24 hr clock)	Sample Date Stop	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Incoming Canister Pressure ("Hg) (Lab)	Sample Regulator ID	Can ID	Can Size (L)	Analysis/ Matrix: TO-15 FULL LIST	TO-15 ABREVIATED LIST	Indoor / Ambient Air	Soil Gas / Subslab	Comments
SG-1	5/13/14	0800	5/13/14	1635	30	5		S-Z	038	1.4	X				4051308-01
SG-2	↓	0815	↓	1640	30	2		S-BB	088	↓	X				-02
SG-3		0825		1625	30	5		S-AL	049		X				-03
SG-4	↓	0830	↓	1630	31	7		S-I	038	↓	X				-04

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 5/13/14	Received by: Melissa Pelham	Date/Time: 17:09 5/13/14
Relinquished by:	Date/Time:	Received by:	Date/Time:

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **STADIUM SQUARE**

Project Number: N/A

Project Manager: Kathy Christensen

Report Issued: 06/19/14 15:55

Urban Green Environmental, LLC

1700 Beason St

Baltimore MD, 21230

CLIENT SAMPLE ID:		SG-5
LAB SAMPLE ID:		4060621-01
SAMPLE DATE:		06/06/14
RECEIVED DATE:		06/06/14
MATRIX	Units	Vapor

VOLATILE ORGANICS BY EPA METHOD TO-15 (GC/MS) (Vapor)

Acetone	ug/m³	**59.0**
Benzene	ug/m³	**3.26**
Benzyl chloride	ug/m³	<3.00
Bromodichloromethane	ug/m³	<3.90
Bromoform	ug/m³	<6.30
Bromomethane	ug/m³	<2.34
1,3-Butadiene	ug/m³	<1.32
Carbon disulfide	ug/m³	**2.62**
Carbon tetrachloride	ug/m³	<3.90
Chlorobenzene	ug/m³	<2.76
Chloroethane	ug/m³	<1.59
Chloroform	ug/m³	<2.91
Chloromethane	ug/m³	<1.23
3-Chloropropene	ug/m³	<1.89
Cyclohexane	ug/m³	<2.07
Dibromochloromethane	ug/m³	<3.90
1,2-Dibromoethane (EDB)	ug/m³	<4.20
1,2-Dichlorobenzene	ug/m³	<3.60
1,3-Dichlorobenzene	ug/m³	<3.60
1,4-Dichlorobenzene	ug/m³	<3.60
Dichlorodifluoromethane	ug/m³	**5.04**
1,1-Dichloroethane	ug/m³	<2.43
1,2-Dichloroethane	ug/m³	<2.43
1,1-Dichloroethene	ug/m³	<2.37
cis-1,2-Dichloroethene	ug/m³	<2.37
trans-1,2-Dichloroethene	ug/m³	<2.37
1,2-Dichloropropane	ug/m³	<2.76
cis-1,3-Dichloropropene	ug/m³	<2.73
trans-1,3-Dichloropropene	ug/m³	<2.73
1,4-Dioxane	ug/m³	<2.16
Ethyl acetate	ug/m³	**2.16**
Ethylbenzene	ug/m³	**3.91**
4-Ethyltoluene	ug/m³	<2.94
Freon 113	ug/m³	<4.50
Freon 114	ug/m³	<4.20
n-Heptane	ug/m³	<2.46

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **STADIUM SQUARE**

Project Number: N/A

Project Manager: Kathy Christensen

Report Issued: 06/19/14 15:55

Urban Green Environmental, LLC

1700 Beason St

Baltimore MD, 21230

CLIENT SAMPLE ID:		SG-5
LAB SAMPLE ID:		4060621-01
SAMPLE DATE:		06/06/14
RECEIVED DATE:		06/06/14
MATRIX	Units	Vapor

VOLATILE ORGANICS BY EPA METHOD TO-15 (GC/MS) (continued)

Hexachlorobutadiene	ug/m³	<6.30
Hexane	ug/m³	<42.0
2-Hexanone	ug/m³	<2.46
Isopropylbenzene (Cumene)	ug/m³	<3.30
Methyl tert-butyl ether (MTBE)	ug/m³	<2.16
Methylene chloride	ug/m³	**NA**
Methyl ethyl ketone (2-Butanone)	ug/m³	**5.04**
Methyl isobutyl ketone	ug/m³	**4.92**
Naphthalene	ug/m³	<3.30
Propene	ug/m³	<1.02
n-Propylbenzene	ug/m³	<2.94
Styrene	ug/m³	<2.55
1,1,2,2-Tetrachloroethane	ug/m³	<4.20
Tetrachloroethene	ug/m³	<4.20
Tetrahydrofuran	ug/m³	**4.95**
Toluene	ug/m³	<2.25
1,2,4-Trichlorobenzene	ug/m³	<4.50
1,1,1-Trichloroethane	ug/m³	<3.30
1,1,2-Trichloroethane	ug/m³	<3.30
Trichloroethene	ug/m³	<3.30
Trichlorofluoromethane (Freon 11)	ug/m³	<3.30
1,2,4-Trimethylbenzene	ug/m³	<2.94
1,3,5-Trimethylbenzene	ug/m³	<2.94
2,2,4-Trimethylpentane	ug/m³	<2.79
Vinyl acetate	ug/m³	<2.10
Vinyl bromide	ug/m³	<2.61
Vinyl chloride	ug/m³	<1.53
o-Xylene	ug/m³	**6.90**
m- & p-Xylenes	ug/m³	**22.2**
4-Bromofluorobenzene	[surr]	99.9%

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **STADIUM SQUARE**

Project Number: N/A

Project Manager: Kathy Christensen

Report Issued: 06/19/14 15:55

Urban Green Environmental, LLC

1700 Beason St

Baltimore MD, 21230

Narrative

Results for the following sample(s) are included in this data package:

Client ID	MSS ID	Matrix
4060621-01	SG-5	Vapor

TO-15

Samples contained in this workorder were exposed to higher than normal volumes of labortory solvents Methylene chloride and Hexane.
Results for these analytes have been ommitted from the report

Air Analysis by TO-15

Chain of Custody

Client Contact Information	Project Manager: Kathy Christensen	Carrier: UPS	1 of 1 COCs
Company: Urban Green	Phone: 443-844-6275	Samplers Name(s) K Christensen	
Address: 1476 Reynolds Street	Site Contact: kathy@ugenv.com		
City/State/Zip Baltimore MD 21230			
Phone: 410 244-7215			
FAX:			
Project Name: Stadium Square II	Analysis Turnaround Time		
Site: Baltimore, MD	Standard (Specify) X		
PO #	Rush (Specify)		

Client Sample ID	Sample Date Start	Time Start (24 hr clock)	Sample Date Stop	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Incoming Canister Pressure ("Hg) (Lab)	Sample Regulator ID	Can ID	Can Size (L)	Analysis/ Matrix: TO-15 FULL LIST	TO-15 ABREVIATED LIST	Indoor / Ambient Air	Soil Gas / Subslab	Comments
SG-5	6/7/14	0845	6/7/14	1630	30	5		~~MFC~~ S-WW	005	1.4	X				4060621-01 A

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time: 6/6/14 1700	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time: