

# AECS

American Environmental & Construction Services, Inc.  
1170 Tidwell Road  
Alpharetta, GA 30004  
Tel: (770) 754-6440



December 15, 2015

Ms. Carolyn Daniels  
Georgia Environmental Protection Division  
Response and Remediation Program  
Hazardous Waste Compliance Program  
2 Martin Luther King, Jr. Drive, SE  
Suite 1054 East, Floyd Tower  
Atlanta, GA 30334-9000

**Subject: Former Silverstein's Dry Cleaners Site  
2716 Washington Road, Augusta, Richmond County, Georgia  
HSI # 10517**

Dear Ms. Daniels,

Enclosed is the Voluntary Investigation and Remediation Plan (VIRP) and Application along with a check for \$5,000 for the Former Silverstein's Dry Cleaners Site in Augusta, Georgia. American Environmental & Construction Services, Inc. is submitting this report for BCRC Investments, LLC.

If you have any questions or need additional information about this project, please feel free to contact Rodger Daniel at (770) 754-6440 or via e-mail at [rcd@amenv.com](mailto:rcd@amenv.com). Thank you for your assistance.

Sincerely,

Rodger Daniel  
President

VOLUNTARY INVESTIGATION AND  
REMEDIATION PLAN (VIRP) AND APPLICATION

FORMER SILVERSTEIN'S CLEANERS SITE  
2716 WASHINGTON ROAD  
AUGUSTA, GEORGIA 30909  
GEORGIA HAZARDOUS SITE INVENTORY NO. 10517

December 2015

Submitted by:

American Environmental & Construction Services, Inc.  
1170 Tidwell Road, Suite 103  
Alpharetta, Georgia 30004



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## 1.0 VOLUNTARY REMEDIATION PROGRAM APPLICATION FORM AND CHECKLIST

The Georgia Environmental Protection Division (EPD) has set forth certain criteria for admittance into the Voluntary Remediation Program (VRP) as provided in the Georgia Voluntary Remediation Program Act, O.C.G.A. § 12-8-100, *et seq.* BCRE Investments, LLC (BCRE) is seeking to enroll certain tax parcels collectively part of the Silverstein's Cleaners Site ("Site" or "Property") into the VRP. The Site meets all of the criteria for admittance into the VRP.

The Property is located at 2716 (f/k/a 2704) Washington Road, Augusta, Richmond County, and into the VRP. The Property is currently listed on the Georgia Hazardous Site Inventory (HSI) as Site Number 10517. The locations of the three (3) proposed properties for qualification under the VRP ("Qualification Properties") are presented in **Figure 1**.

The properties proposed for qualification in the VRP are identified and described as follows:

- Richmond County Tax Parcel 013-0-025-01-0 is owned by BCRE. This tax parcel is the location of the former Silverstein's dry cleaning facility. The parcel is approximately 2.65 acres in area and is covered by grassy vegetation.
- Richmond County Tax Parcel 019-0-004-00-0 is owned by Berckman Residential Properties, LLC. This parcel, which is located south of the former dry cleaning parcel (i.e., Tax Parcel 013-0-025-01-0), is grassy and undeveloped. The only structure on the parcel is a wooden garage that houses the de-activated groundwater pump and treat remediation system. The parcel is 8.89 acres in area.
- Richmond County Tax Parcel 019-0-024-00-0 is owned by Berckman Residential Properties, LLC. The parcel is grassy, undeveloped, and 9.9 acres in area.

The VRP Application Form and Checklist are provided in **Appendix A** and a tax plat showing the Qualification Property boundaries and abutting properties with associated tax parcel identification numbers are provided in **Appendix B**. Warranty Deeds for the proposed Qualifying Properties are also provided in **Appendix B**.

## 2.0 BACKGROUND

### 2.1 Basis for HSI Listing

Several dry cleaning businesses operated at Tax Parcel No. 013-0-025-01-0 from the 1970's through 2001. Kam Lee Dry Cleaners operated for an unknown length of time prior to 1978. Silverstein's Dry Cleaners operated from 1978 to 2001. In 1994, the Silverstein's Dry Cleaners stopped on-site dry cleaning activities and operated in a drop-off/pick-up capacity until the business closed in 2001.

In November 1998, EPD listed Tax Parcel No. 019-0-004-00-0 on the HSI for a release of tetrachloroethene (PCE) to groundwater above the Maximum Concentration Limit (MCL). EPD's Reportable Quantities Screening Method (RQSM) score for the Release Notification was based upon the determinations of a known release of PCE to groundwater with a drinking water well located within a half (1/2) mile radius. Tax Parcel 013-0-025-01-1-0 (i.e., the Silverstein's Dry Cleaners property) was sub-listed in March 2003 following completion of source and soil removal activities and subsequent confirmation sampling.

Upon acquiring Tax Parcel 013-0-025-01-0 in 2000, BCRC retained Environmental Management Associates, LLC to prepare a Corrective Action Plan (CAP) which was submitted to EPD on December 10, 2001. On May 7, 2002, EPD issued a CAP Notice of Deficiency (NOD) letter requesting a revised CAP. American Environmental and Construction Services, Inc. (AECS) was then retained by BCRC to prepare a revised CAP which was submitted to EPD in November 2002. The revised CAP proposed excavation and removal of contaminated soil, further delineation of the groundwater plume, and design of a groundwater remediation system.

### 2.2 Summary of Correction Actions Completed for Soil

The soil remediation activities described in the revised CAP were completed in February 2003. Details of the excavation were provided to EPD in a Removal Action Report (RAR) dated September 29, 2003. Upon reviewing the RAR, EPD requested additional soil confirmation sampling to verify compliance with soil Risk Reduction Standards (RRS). AECS collected additional soil confirmation samples and submitted the data to EPD in a response letter dated October 29, 2003. The response letter provided soil confirmation location figures and additional soil analytical data demonstrating that soil at the Site meets Type 1 RRS. Thus, the remainder of this VIRP only addresses the remaining groundwater issues at the Site.

During the groundwater investigation following the soil removal, impacts to parcels 019-0-004-00-0 (i.e., Frohman Property) and 019-0-024-00-0 were discovered. The owners of those parcels authorized BCRC to incorporate them into the corrective action and monitoring efforts.

### 2.3 Corrective Action Summary of Corrective Actions Completed for Groundwater

BCRC has implemented a series of groundwater remedial actions at the Site since soil remediation activities were completed in February 2003. The following bulleted section provides an overview of past and on-going

corrective action activities at the Site:

Groundwater Pump and Treat (P&T) Remediation System

- In August 2004, a groundwater pump and treat (P&T) P&T remediation system was installed. The P&T system originally consisted of sixteen (16) extraction wells. Extracted groundwater was treated by an air stripper and injected into the ground due to a lack of available Publically Owned Treatment Works (POTW) at the time. The City of Augusta later extended service to the POTW was later installed in the vicinity of the Site vicinity and BCRE obtained a discharge permit to discharge to the City's POTW was acquired. The P&T system was operated at the Site from August 16, 2004 to April 2, 2014. Although the P&T system was successful in reducing PCE in groundwater, BCRE opted for a more aggressive remedial approach.
- In Situ Chemical Oxidation (ISCO)
- In January and February 2009, the first (1<sup>st</sup>) and second (2<sup>nd</sup>) In Situ Chemical Oxidation (ISCO) ISCO events utilizing sodium persulfate were performed in and around the footprint of the former dry cleaning facility and former AST (i.e., primary area of concern ("AOC")) [injection wells I-1 thru I-47]. ISCO injection well locations are shown in **Figure 2**.
- In November 2012, the third (3<sup>rd</sup>) ISCO event in selected injection wells in the primary AOC (injection wells I-8, I-11, I-12, I-16, I-40, I-45, I-46, and I-47); the first (1<sup>st</sup>) ISCO event in injection wells installed along the northern boundary of the property adjacent to Washington Road, (injection wells I-48 through I-66) [refer to Washington Road ISCO Area in **Figure 2**]; and the first (1<sup>st</sup>) ISCO event performed in the vicinity of monitoring well MW-27 (injection wells I-67 thru I-71) [refer to MW-27 ISCO Area in **Figure 2**] were performed.
- In May 2013, ten (10) additional injection wells were installed along the Northern Boundary (injection wells I-98 thru I-107) [refer to Expanded Washington Road Area in **Figure 2**].
- September through November 2013, twenty-six (26) injection wells (I-72 through I-97) were installed and subsequently injected with sodium persulfate as part of the Frohman CAP implementation activities (refer to Frohman Property ISCO Area in **Figure 2**).
- In November 2013, the second (2<sup>nd</sup>) ISCO event in Washington Road and Expanded Washington Road ISCO Areas and the fourth (4<sup>th</sup>) ISCO event in primary AOC (injection wells I-1 thru I-8, I-12, I-28, I-41, I-46, and I-47) were performed.
- In December 2013, twenty-seven (27) additional injection wells installed in the primary AOC (injection wells I-108 thru I-134) (refer to Expanded Primary AOC ISCO Area in **Figure 2**).
- In January 2014, the first (1<sup>st</sup>) ISCO injection in Expanded Primary AOC ISCO Area (injection wells I-108 thru I-134); the fifth (5<sup>th</sup>) injection event in select AOC injection wells (injection wells I-6, I-7, I-8, I-12, I-41, I-42, I-46, and I-47); and the second (2<sup>nd</sup>) ISCO event in select Frohman property

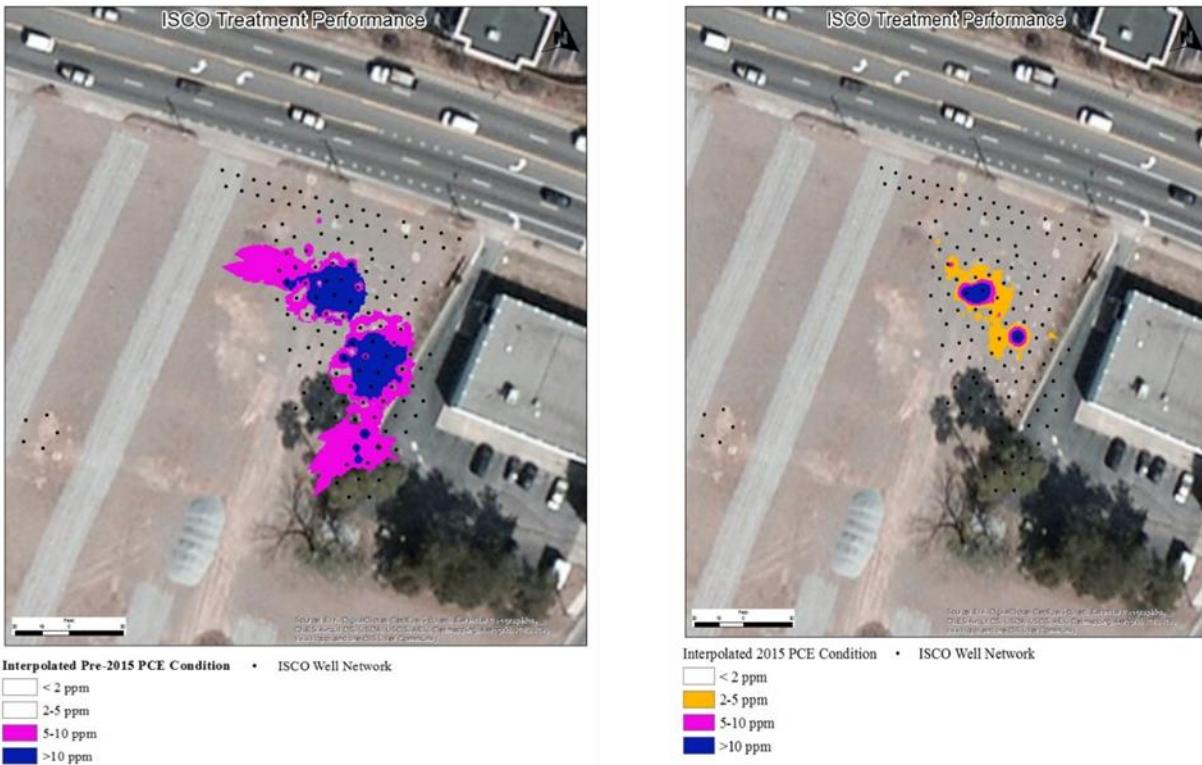
injection wells (injection wells I-75, I-76, I-79, I-82, I-87, I-89, I-91, and I-92) were performed.

- In January and February 2015, the second (2<sup>nd</sup>) ISCO injection in the Expanded Primary AOC ISCO Area (injection wells I-108, I-110, I-112, I-113, I-116 and I-118); the sixth (6<sup>th</sup>) injection event in select Primary AOC Area injection wells (injection wells I-5 through I-9, I-12, I-14, I-15, I-18, I-19, I-23, I-24, I-26 through I-30, I-39 through I-44 and I-46); the third (3<sup>rd</sup>) ISCO event in select Frohman property injection wells (injection wells I-73 through I-76); and the third (3<sup>rd</sup>) ISCO event in Washington Road and Expanded Washington Road ISCO Areas (injection wells I-99, I-100, I-101, I-102, I-106, I-48, I-49, I-51, I-53, I-54, I-57, I-59 and I-65) were performed.

## 2.4 Summary of Groundwater Corrective Actions Performance

### 2.4.1 AOC and Border Areas

Remediation in the AOC and border areas has served to greatly reduce the dimension and magnitude of the PCE groundwater plume. The illustration below compares the PCE plume prior to ISCO treatments (left side image) and the current condition (right side image). Note the diminished extent of the plume condition in the 5-10 mg/L range (dark pink) and >10 mg/L range (dark blue). The current condition image also shows the dimension of the region exceeding 2 mg/L, which is only slightly greater in extent than the higher concentration ranges.



Another way to examine the treatment performance is to compare PCE concentrations before and after ISCO treatments on a well-by-well basis. The table below compares the PCE condition in the 8 ISCO "tracking wells" located within the ISCO injection well network. As shown on the table, concentrations have been significantly reduced in the interior region of the AOC with treatment efficiencies in the range of 75-100%.

ISCO "Tracking" Well	PCE Conc. ppb (max)	PCE Conc. ppb (most recent)	Treatment Efficiency
I-1	340	56	84%
I-4	2,100	23	99%
I-15	4,400	1,100	75%
I-25	1,100	55	95%
I-28	63,000	3,900	94%
I-33	2,100	9	100%
I-37	2,200	10	100%
I-45	16,000	210	99%

The table below examines the concentration reductions and treatment efficiencies experienced in the two areas bordering the AOC (Washington Road and Frohman's Property). In both cases, the current PCE condition is well below the Type 4 RRS and also below the Type 2 RRS (one exception essentially at the Type 4 RRS).

Monitoring Well	PCE Conc. ppb (max. 2006-08)	PCE Conc. ppb (Apr 2015)	Treatment Efficiency
MW-9	180	12	93%
MW-10	170	17	90%
W-1	1400	14	99%

Monitoring Well	PCE Conc. ppb (Oct 2012)	PCE Conc. ppb (Apr 2015)	Treatment Efficiency
MW-37	31	20	35%
MW-38	2500	9.6	100%
MW-39	13	ND	100%
MW-40	13	ND	100%

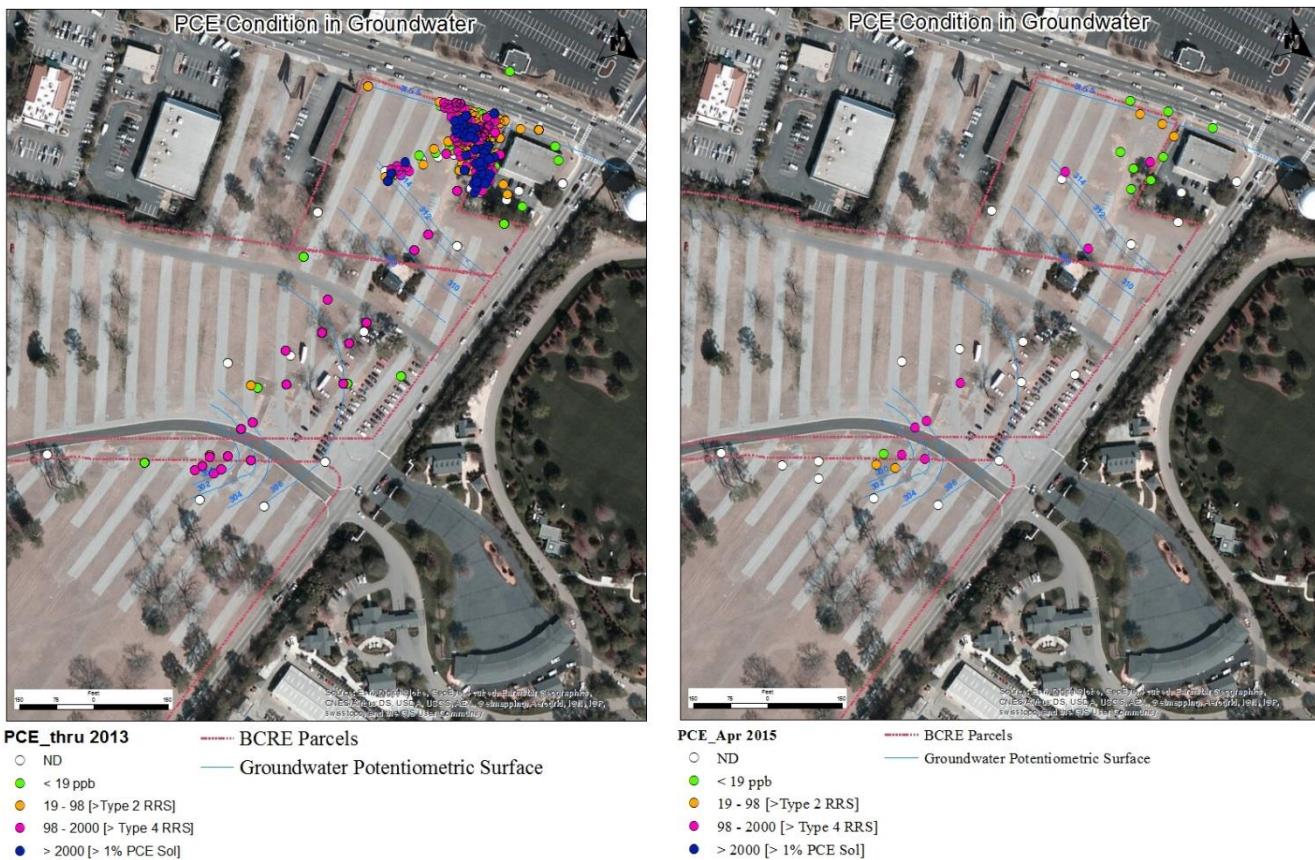
#### 2.4.2 Downgradient PCE Plume

Groundwater concentrations at the downgradient edge of the plume are stable and the overall mass of PCE in groundwater at the Site has been substantially reduced. **Figure 3** shows the current groundwater plume

configuration from the most recent sampling events (i.e., April and September 2015). Current and historical groundwater analytical data are presented in **Tables 1a and 1b**. A figure showing the general site layout and monitoring well locations is provided in **Figure 4**.

Samples from sentinel monitoring wells MW-41 and MW-42 installed at the downgradient toe of the plume have yielded findings below laboratory practical quantitation limits (PQLs) (i.e., “non-detect”) for volatile organic compounds (VOCs) since their installation in July 2014. Other monitoring wells located along the toe of the plume (i.e., monitoring wells MW-34, MW-35 and MW-36) have been non-detect since their installation in May 2012.

A visual illustration of the reduction in the size and magnitude of the downgradient PCE plume is provided below. The image to the left shows the historical high PCE condition across the Site, and the image to the right shows the condition from the April 2015 semi-annual monitoring event.



### 3.0 CURRENT GROUNDWATER CONDITIONS

Groundwater concentrations at the downgradient edge of the plume are stable and the overall mass of PCE in groundwater at the Site has been substantially reduced following multiple ISCO injections. **Figure 3** shows the current groundwater plume configuration from the most recent sampling events (i.e., April and September 2015). Current and historical groundwater analytical data are presented in **Tables 1a and 1b**. A figure showing the general site layout and monitoring well locations is provided in **Figure 4**.

Samples from sentinel monitoring wells MW-41 and MW-42 installed at the downgradient toe of the plume have yielded findings below laboratory practical quantitation limits (PQLs) (i.e., “non-detect”) for volatile organic compounds (VOCs) since their installation in July 2014. Other monitoring wells located along the toe of the plume (i.e., monitoring wells MW-34, MW-35 and MW-36) have been non-detect since their installation in May 2012.

Groundwater samples collected from upgradient monitoring wells located adjacent to Washington Road (i.e., monitoring wells W-1, MW-10 and MW-9) indicate PCE concentrations less than the Type 2 residential groundwater RRS for PCE of 19 µg/L. Additionally, PCE concentrations measured in all monitoring wells at the Frohman property have also been reduced to levels meeting the Type 2 groundwater RRS for PCE.

A comprehensive summary of corrective action and monitoring activities at the Site from the period of November 2014 to May 2015 is provided in Semiannual Monitoring Report No. 19, which was submitted to EPD in June 2015. Analytical data from the September 2015 groundwater sampling event are summarized in **Tables 1a and 1b** and the corresponding laboratory report is provided in **Appendix C**.

#### 3.1 Groundwater Delineation

##### 3.1.1 Vertical Extent

Vertical groundwater delineation at the Site has been established using monitoring well MW-26D, which is screened beneath the kaolin clay layer at a depth of approximately 50 – 55 ft below ground surface (bgs). Monitoring well MW-26D, in which no COCs have been detected in any samples collected since 1999, is situated downgradient of the former source area. As part of CSR investigation activities in 1999, Gannett Fleming installed a deep monitoring well (MW-11D) beneath the source area; no Site COCs were indicated in any samples collected from MW-11D.

In addition to the groundwater data collected from monitoring wells MW-26D and MW-11D, we note that the Site is underlain by a uniform kaolin clay confining layer that has been documented in virtually every soil boring and log for every monitoring well advanced at the Site. The kaolin layer impedes the vertical migration of contamination. Further information regarding this confining layer is provided in the Conceptual Site Model (**Section 5**).

### 3.2.2 Horizontal Extent

The groundwater plume has also been horizontally delineated to residential RRS in all directions. Monitoring wells yielding non-detect results are within Site boundaries to the east, west, and south. Samples from all monitoring well points along the northern boundary have produced results below the EPD approved residential RRS in the two most recent rounds of sampling (April and September 2015, respectively).

A report in EPD HSRA Notification Files indicate groundwater north of Washington Road was sampled at several locations in 1996 as part of Phase II Environmental Site Assessment (ESA) activities for another party. PCE was detected at very low concentrations at three (3) monitoring wells and a release notification was submitted to EPD in 1996. EPD reviewed the release notification and determined that a release exceeding a reportable quantity had not occurred on that property because PCE was not detected in any monitoring well above the Maximum Contaminant Level (MCL) of 5 µg/L. The highest concentration of PCE detected in groundwater on the property north of Washington Road was 4.7 µg/L, below the default residential RRS. It should also be noted that dry cleaning operation, Taylor Dry Cleaning, was previously located in the shopping center on the north side of Washington Road.

The topographic map of the area has been reviewed (Martinez Topography, Georgia, 1980) in conjunction with the extensive amount of groundwater elevation, chemical, and lithologic data collected from the Site. All lines of evidence demonstrate that Washington Road is a topographic and hydraulic boundary. Site-wide groundwater elevation data have been included in each semi-annual monitoring report submitted to EPD since 2004. The direction of groundwater flow along the Washington Road ridge has consistently been measured to the south (i.e., away from Washington Road through the Silverstein Site). The ground water flow direction indicated in the 1996 HSRA Notification for the property lying north of Washington Road indicated the groundwater flow direction for that property was to the north, away from Washington Road. This indicates Washington Road lies along a ridge, which is consistent with our extensive topographic map review and geotechnical data. As shown in **Figures 7a and 7b**, the kaolin clay confining layer dips away from Washington Road on the Silverstein Site. Any PCE product released would sink to this confining layer, then migrate away from Washington Road along the kaolin clay interface.

The flow of ground water across the Site is to the south in the Washington Road area as shown in **Figure 7c**. Detections of PCE in upgradient areas in the general vicinity of Washington Road can be attributed to chemical diffusion from source material remaining in the saturated zone of the Primary AOC following the soil removal above the saturated zone and previous injection of treated groundwater into trenches that may have temporarily displaced impacted groundwater into upgradient areas. These injections were discontinued in 2007.

It is also important to note the concentrations in the northern area decreased following ISCO treatments as rapidly as they increased, indicating the condition has been addressed and is unlikely to return, given that there has been no evidence of source material in that area.

Based upon the foregoing factors, and in accordance with prior discussions with EPD, BCRE understands

that, pursuant to Section 12-8-108(1)(E) and 12-8-108(9) of the Georgia Voluntary Remediation Program Act, EPD deems the groundwater to be sufficiently delineated horizontally. This is subject to the stipulation, however, that COC concentrations measured in perimeter monitoring wells must remain at or below the EPD-approved residential RRS during the monitoring period. As discussed in **Section 6**, BCRE may undertake additional remedial actions to serve to protect this boundary area.

#### 4.0 REGULATED SUBSTANCES AND DELINEATION CONCENTRATION CRITERIA

The HSRA regulated substances historically detected in groundwater at the Site are as follows:

- Tetrachloroethene
- Trichloroethene
- Cis-1,2-Dichloroethene
- Trans-1,2-Dichloroethene
- Vinyl Chloride
- 1,1-Dichloroethene
- Acetone
- Bromoform
- Chloroform
- Chloromethane
- Trichlorofluoromethane

The delineation concentration criteria for groundwater will be the residential RRS as provided under Section 12-8-108(1)(E) and 12-8-108(9) of the Georgia Voluntary Remediation Program Act. The approved residential groundwater RRSs for the Site are as follows:

Regulated Substances	Groundwater RRS (mg/L)	
	Type 1 RRS	Type 2 RRS
Tetrachloroethene	0.005	0.019
Trichloroethene	0.005	0.001
Cis-1,2-Dichloroethene	0.07	0.031
Trans-1,2-Dichloroethene	0.1	0.032
Vinyl Chloride	0.002	0.001
1,1-Dichloroethene	0.007	0.103
Acetone	4	7.99
Bromoform	0.08	0.108
Chloroform	0.08	0.003
Chloromethane	0.003	0.054
Trichlorofluoromethane	2	0.383

Source: Frohman Property CAP- conditionally approved March 13, 2013

## 5.0 CONCEPTUAL SITE MODEL

### 5.1 Overview

A Conceptual Site Model (CSM) has been developed using data obtained over the last fifteen years from the numerous Site investigations that have been performed by BCRE. The CSM describes the Site's surface and subsurface setting, how the contamination is expected to move in the environment, the potential human health and ecological receptors, and the complete and incomplete exposure pathways that exist for the Site.

As discussed in **Section 2.2**, soil at the Site meets residential RRS; therefore, the CSM addresses only groundwater. Note that some information provided in the Regional and Site Geology and Hydrogeology sections of this document were obtained from the corresponding sections of the Compliance Status Report (CSR) for the Site dated February 2000.

### 5.2 Topography

Washington Road is a topographic ridge in the area of the Site; the land slopes to the northeast on the north side of Washington Road and to the southwest on the former Silverstein's dry cleaning side of Washington Road. **Figure 5** shows the Site relative to the United States Geological Society (USGS) topographic map.

### 5.3 Regional Geology and Hydrogeology

The Atlantic Coastal Plain physiographic province of southern Georgia is comprised predominantly of unconsolidated sediments. Cretaceous age sediments overlie the igneous and metamorphic crystalline complex of the southern Appalachian Piedmont province, as well as Triassic redbeds and intrusives, paleozoic sedimentary rocks, and variably aged felsic to mafic volcanic and metavolcanic materials. The Cretaceous sediments are often overlain by Tertiary age sediments (Vincent, 1982).

Clark and Zisa (1976) show the northeastern portion of Richmond County lying within both the Washington Slope District and the Fall Line Hills District of the Atlantic Coastal Plain. The Site is located within the Washington Slope District, where the basement rocks are igneous and metamorphic. The elevation of the contact between the Coastal Plain sediments and the underlying basement rocks within the northeastern portion of Richmond County ranges from about 150 feet above sea level to about 350 feet above sea level (Hetrick, 1992).

Within the northeastern portion of Richmond County fluvial Cretaceous sediments (i.e., kaolinitic sands and clays) overlap the Piedmont. These sediments are overlain by sediments of the Barnwell Group. The upper twenty feet of the Cretaceous sands are often stained maroon to purple and contain an abundant amount of iron oxides. The sands are pebbly to very coarse-to fine-grained, kaolinitic, and contain coarse-grained mica flakes. Gravel is locally present in the upper-most sand (Hetrick, 1992). In the northern part of the county the Barnwell Group materials cap the ridges and form outliers. In the southern portion of the county members of the Barnwell Group form the surficial materials. These sediments consist of massive red sands and some

discontinuous limestone beds. Locally present are interbedded gray sands and laminated clay. Throughout Richmond County the Barnwell Group is less than 200 feet thick (LeGrand and Furcron, 1956). These materials, where present, rest unconformably on the Cretaceous age materials in the county.

The igneous and metamorphic basement north of Augusta yields water from fractures in quantities of about 10 to 20 gallons per minute (LeGrand and Furcron, 1956). This is considerably less than the yield of the Coastal Plain sediments in Richmond County.

The outcrop area of the Cretaceous sediments in Richmond County contains porous sands which receive and store large quantities of water. In the southern portion of Richmond County abundant supplies of water can be obtained from the Cretaceous sediments, where the thickness of the sediments may exceed 500 feet. Near the Fall Line, the Cretaceous age deposits are less than 100 feet thick and too high on the stream divides to yield large amounts of water.

#### **5.4 Site Geology and Hydrogeology**

Four (4) sedimentary units have been identified at the Site. The hill upon which the former dry cleaning building was located is capped by a silt/sandy clay that extends to approximately ten (10) feet below ground surface. The uppermost clay unit overlies a fine to medium sand that contains quartzite pebbles and lenses of gravel. This second sand unit is generally twenty (20) feet in thickness and occurs at approximately thirty (30) feet below ground surface. The third unit is a kaolin clay that is approximately ten (10) feet in thickness. Directly underlying the kaolin clay is a saprolite unit. The kaolin clay layer is consistent throughout the Site. Cross sections from the 2000 CSR depicting the sedimentary units are provided in **Figures 6 – 6c**.

In the former dry cleaning building area, the kaolin clay layer pitches to the east, with a “bowl-like” depression present in the area of the release. This would serve to contain PCE product lateral migration along the kaolin layer, and this is supported by the extensive PCE testing across the region which shows a limited geographic extent of the condition exceeding 1% PCE solubility (used as an indicator of possible DNAPL presence). Figures depicting the surface of the kaolin clay layer at the Site are presented in **Figures 7a and 7b**, respectively.

The groundwater potentiometric surface at the Site varies from 6 to 21 feet below ground surface. The ridge upon which Washington Road runs is located along a hydraulic divide, with groundwater following land surface topography and flowing to the south-southwest beneath the Site (**Figure 7c**).

#### **5.5 PCE Fate and Transport Summary**

PCE is the source product at the Site; historically it was used in cleaning operations at the Site. The PCE was containerized in above ground storage tanks (ASTs) located behind the former dry cleaning building. In addition to the AST, there were also PCE handling units and associated piping within the former dry cleaning building.

The quantity of PCE released is unknown; with no releases reported or documented. The timing of the release is also unknown. Dry cleaning operations began for an unknown period prior to 1978 and were not discontinued until 1994. Prior workers at the Silverstein Cleaners facility indicated that PCE product was disposed of on the ground behind the building and also down the plumbing drains in the building, which ultimately led to a septic tank to the south. These descriptions are consistent with the highest contaminant concentrations found.

Once released to the subsurface, the PCE product would migrate vertically under the force of gravity until reaching the kaolin clay layer interface at which point, providing sufficient volume of PCE were released, it would follow the kaolin clay interface. Globules of PCE product would be expected to trail behind the migrating PCE product front, and eventually the PCE product would accumulate as free phase in closed depression surfaces or as entrained globules. This condition also occurred below the water table as evidenced by pre-ISCO groundwater concentrations in the source area in excess of 1% of the theoretical solubility limit of PCE (approximately 2,000 µg/L).

As previously discussed, all contaminated soil within the vadose zone was excavated from the Site in February 2003, and the void was filled with gravel. Residual source material within the water table has been targeted by aggressive ISCO injections as detailed in **Section 2.4**.

## 5.6 Potential Receptors and Exposure Pathway

### 5.6.1 Water Usage (Current)

The Site was listed on the HSI in 1998 for a known release of PCE to groundwater with drinking water wells located within ½ mile of the property. The drinking water wells used to list the property in 1998 were located at 1112 and 1113 Stanley Drive, as shown in **Figure 8**.

In July 2015, as part of VRP preparation activities, AECS performed a drive-by reconnaissance of the area surrounding the subject property to locate any currently active drinking water wells. The house and drinking water well located at 1113 Stanley Drive, which was previously identified as having an active drinking water well in 1998, is no longer present. The residence at 1112 Stanley is still present; however, the house is now appears to now be supplied by connected to the City city water supply, as evidenced by a water meter located in the front yard.

A previously unidentified drinking water well located downgradient of the Site was discovered at 365 Heath Drive. The well is used for drinking water, according to an interview conducted by AECS personnel with the home owner, Mr. Anola Wildes. Mr. Wildes stated that he is the only resident on Heath Drive that still uses a drinking water well. The newly found drinking water well is shown on **Figure 8** and is located approximately 2,640 feet (i.e., ½ mile) from the downgradient edge of the groundwater plume.

### **5.6.2. Potential Human Health and Ecological Receptors**

The Qualification Properties are currently undeveloped, grassy areas that have most recently been used for vehicle parking during annual golf tournament activities at the nearby Augusta National Golf Club. The foreseeable future use of the properties will primarily be as a vehicle parking area during golf tournament activities. BCRE has recently determined that a non-residential building may be constructed in the vicinity of the intersection of Heath Drive and Berckmans Road at some point in the future. AECS is working with BCRE to ensure that construction is either conducted outside of the affected groundwater plume area, or with proper measures employed, consistent with those to be implemented under the Uniform Environmental Covenant, as needed, which is discussed further in **Section 6.1**.

In terms of potential ecological receptors, no streams or wetlands have been identified at the Site. Therefore, therefore, no ecological receptors exist.

### **5.6.3 Exposure Pathways**

The following provides a discussion of the potential exposure pathways for the Qualification Properties:

- Human ingestion or inhalation of soil is considered an *incomplete* pathway because soils at the Qualification Properties meet residential RRSs.
- There are no drinking water withdrawal points for groundwater at the Qualification Properties or within 1,000 ft. downgradient of the delineated groundwater plume. Therefore, the groundwater ingestion exposure pathway is *incomplete*. BCRE will ensure that the groundwater exposure pathway remains incomplete through the execution of a Uniform Environmental Covenant (UEC). The proposed UEC will prohibit the use or extraction of groundwater beneath the subject properties for drinking water.
- A potentially complete groundwater exposure pathway is for Construction and/or Utility Workers. Future construction activities are planned at one (1) or more of the subject properties. Construction and/or Utility Works could potentially be exposed to groundwater or groundwater vapors during subsurface tasks related to potential future building construction activities. The potential risk to Construction or Utility Workers will be evaluated prior to initiation of any subsurface construction activities and presented to EPD as part of a semi-annual VRP Progress Report and if necessary, address as part of a UEC.

#### **5.6.3.1 Point of Exposure (POE)**

The point of exposure (POE) is defined as the nearest of a) the closest drinking water supply well, b) likely nearest future location of a downgradient drinking water supply well where public water is not currently available and is unlikely to be made available in the foreseeable future, or c) 1,000 feet downgradient from

the delineated site contamination. The nearest active drinking water well is located at 365 Heath Drive, approximately 2,460 ft. from the downgradient plume. A second potential drinking water well is located at 1112 Stanley Drive which is side-gradient from the downgradient plume edge at a distance of approximately 1,060 ft. Public water is supplied to all areas surrounding the properties; therefore, the proposed POE is a theoretical point located 1,000 ft. downgradient of the delineated groundwater plume as shown in **Figure 9**.

#### **5.6.3.2 Point of Demonstration (POD)**

The point of demonstration (POD) is the point in groundwater where concentrations of site specific constituents of concern will be measured and evaluated to demonstrate that groundwater concentrations are protective of the established POE. BCRE proposes to use monitoring well MW-41 as the designated POD. The location of MW-41 is shown on **Figure 9**. A summary of all semi-annual groundwater monitoring locations proposed as part of VRP implementation activities is provided in **Section 6**.

### **5.7. Environmental Remediation Standards**

The selected remediation standards available within the VRP framework are discussed below.

#### **5.7.1 Soil Criteria**

All soil in excess of residential RRS has been removed from the Site as verified by confirmation sampling; therefore, no soil cleanup criteria are provided.

#### **5.7.2 Groundwater Criteria**

It is BCRE's intent to remediate groundwater to comply with the higher of the Type 3 or 4 non-residential groundwater RRS for Site COCs. A table summarizing the approved Type 3 and 4 groundwater RRS for the COCs at the Site is provided as follows:

Regulated Substance	Non-Residential Groundwater Risk Reduction Standards	
	Type 3 GW RRS (mg/L)	Type 4 GW RRS (mg/L)
Tetrachloroethene	0.005	<b>0.098</b>
Trichloroethene	0.005	<b>0.0052</b>
Cis-1,2-Dichloroethene	0.07	<b>0.204</b>
Trans-1,2-Dichloroethene	0.1	<b>0.161</b>
Vinyl Chloride	0.002	<b>0.0033</b>
1,1-Dichloroethene	0.007	<b>0.524</b>
Acetone	<b>4</b>	<b>45.622</b>
2-Butanone	<b>2</b>	<b>11.792</b>
Bromoform	0.08	<b>0.362</b>
Chloroform	<b>0.08</b>	0.0034
Chloromethane	0.003	<b>0.263</b>
Trichlorofluoromethane	<b>2</b>	<b>1.916</b>

Note - Bolded/shaded values indicate the highest overall non-residential RRS values.  
Groundwater RRS previously submitted to EPD in CAP Addendum No. 6 dated April 22, 2014.

## **6.0 PROPOSED PRELIMINARY REMEDIATION AND MONITORING PLAN**

### **6.1 Frame of Reference**

This site is very different from most sites entering the VRP program, in that the Site has advanced through multiple stages of characterization and remediation over the last decade and a half. BCRE has spent substantial sums on remediation resulting in significant improvement in site conditions and eliminating risk to human health and the environment. The empirical evidence of the past semi-annual groundwater monitoring program shows the PCE plume is very stable and has been significantly reduced through the ISCO treatments (modeling is planned as part of the VRP program to examine the long-term behavior of the plume as described below). In this case we have also accomplished plume delineation to residential RRS under HSRA. We have also conducted a water well survey demonstrating there are no drinking water receptors susceptible to the site condition.

The VRP remediation strategy is to complete the groundwater modeling and risk analysis, along with the use of appropriate institutional controls, as appropriate, to demonstrate compliance with remediation goals. If we are unable to make this demonstration, we will institute additional corrective actions measures (described below) at the appropriate areas of the Site, within the timeframe as set forth under the VRP.

### **6.2 Fate and Transport Modeling**

A fate and transport model (e.g., BIOCHLOR) will be used to model solute fate and transport processes at Site. The fate and transport model will be calibrated to Site data and used to predict the concentrations of PCE and daughter products at a theoretical POE located 1,000 ft. downgradient of the current groundwater plume edge. The results of the modeling will be presented when completed with updated modeling results provided in subsequent semi-annual monitoring reports, as needed.

### **6.3 Institutional Controls**

Following completion of the risk evaluation for potential exposure to groundwater and/or groundwater vapor by Construction and Utility Workers as described in **Section 5.6**, BCRE may execute a UEC (Uniform Environmental Covenant) in accordance with Chapter 16 of Title 44 of the Uniform Environmental Covenants Act that will prohibit the use or extraction of groundwater beneath the subject properties for drinking water purpose for those portions of the Site, if any, where the results of the risk evaluation indicate the necessity for institutional restrictions. Depending on the results of the risk evaluation, the UEC may also require that, "excavation, construction, utility installation or maintenance, and similar land disturbance activities in soil below the groundwater table be prohibited in areas where groundwater is impacted, unless such work is performed by informed, properly trained contractors such that human exposure to potentially hazardous materials does not occur."

## 6.4 Groundwater Remediation Plan

Five episodes of ISCO treatment across the area of concern (“AOC”) and border areas, as described in more detail in Section 2.3 above, have served to significantly reduce the footprint of the elevated PCE concentration (areas in excess of 2 mg/L) and return the border areas (Washington Road; Frohman’s) to meeting residential-based RRS conditions. Further treatment of the AOC will be contingent upon the outcome of the BIOCHLOR modeling.

## 6.5 Groundwater Monitoring

To monitor groundwater concentration trends, plume stability, and to ensure that no exposure pathways develop, groundwater sampling will be performed on a semi-annual basis until a calibrated BIOCHLOR model is accepted by EPD, at which point an additional one (1) year of semi-annual groundwater monitoring will be performed. The proposed VRP Groundwater Monitoring Program will consist of the water level measurements and VOC analyses of selected groundwater monitoring wells as summarized in the table below. Groundwater samples will be analyzed for total VOCs by USEPA Method 8260B using the sample collection procedures described in CAP Addendum No. 6.

Proposed VRP Groundwater Monitoring Program	
Monitoring Well ID	Rationale
MW-37	Frohman Property Border
MW-38	
MW-39	
MW-40	
W-1	Washington Road Border
MW-10	
MW-9	
MW-16	
EW-J-R	Area of Concern (AOC)
EW-1	
EW-K	
W-3	
EW-E-R	Central Plume
EW-H	
EW-I	
EW-22R	
EW-S	South Plume
EW-U	
EW-25R	
MW-31	
MW-32	
MW-33	
MW-4 (*POD*)	
MW-42	

## 7.0 PROJECTED MILESTONE SCHEDULE

A Projected Milestone Schedule, showing timelines for the following items, is included in **Appendix D**.

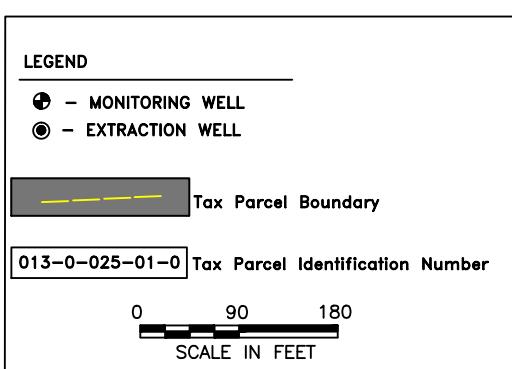
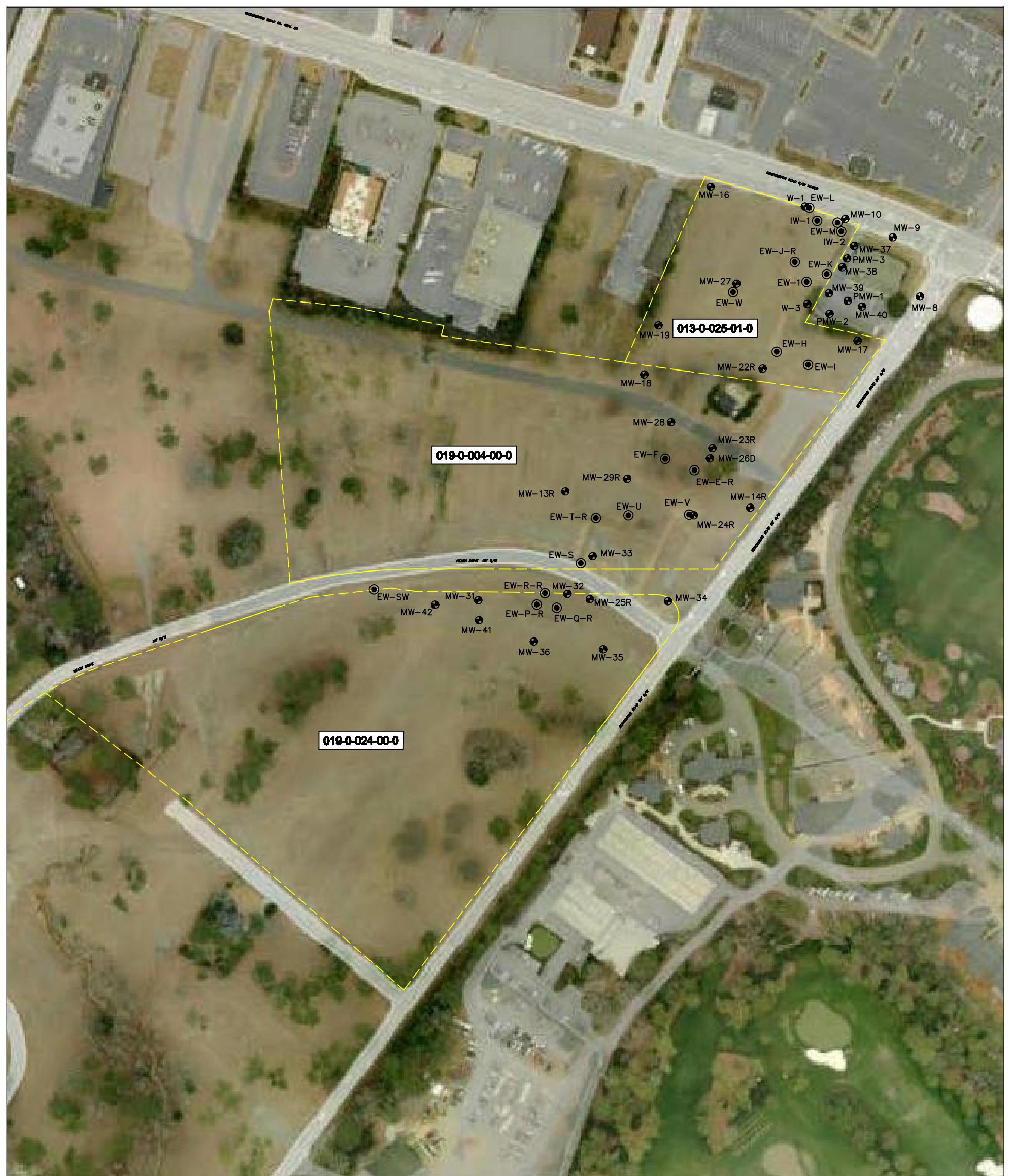
- Semi-Annual Progress Report Submittal;
- Updated CSM;
- Final Remediation Plan and Preliminary Cost Estimate Submittal; and
- Compliance Status Report Submittal.

The Projected Milestone Schedule may be revised as necessary and will commence on the effective date of the VIRP approval by EPD. Note that milestones pertaining to groundwater delineation were not included because those activities have been completed.

## 8.0 REFERENCES

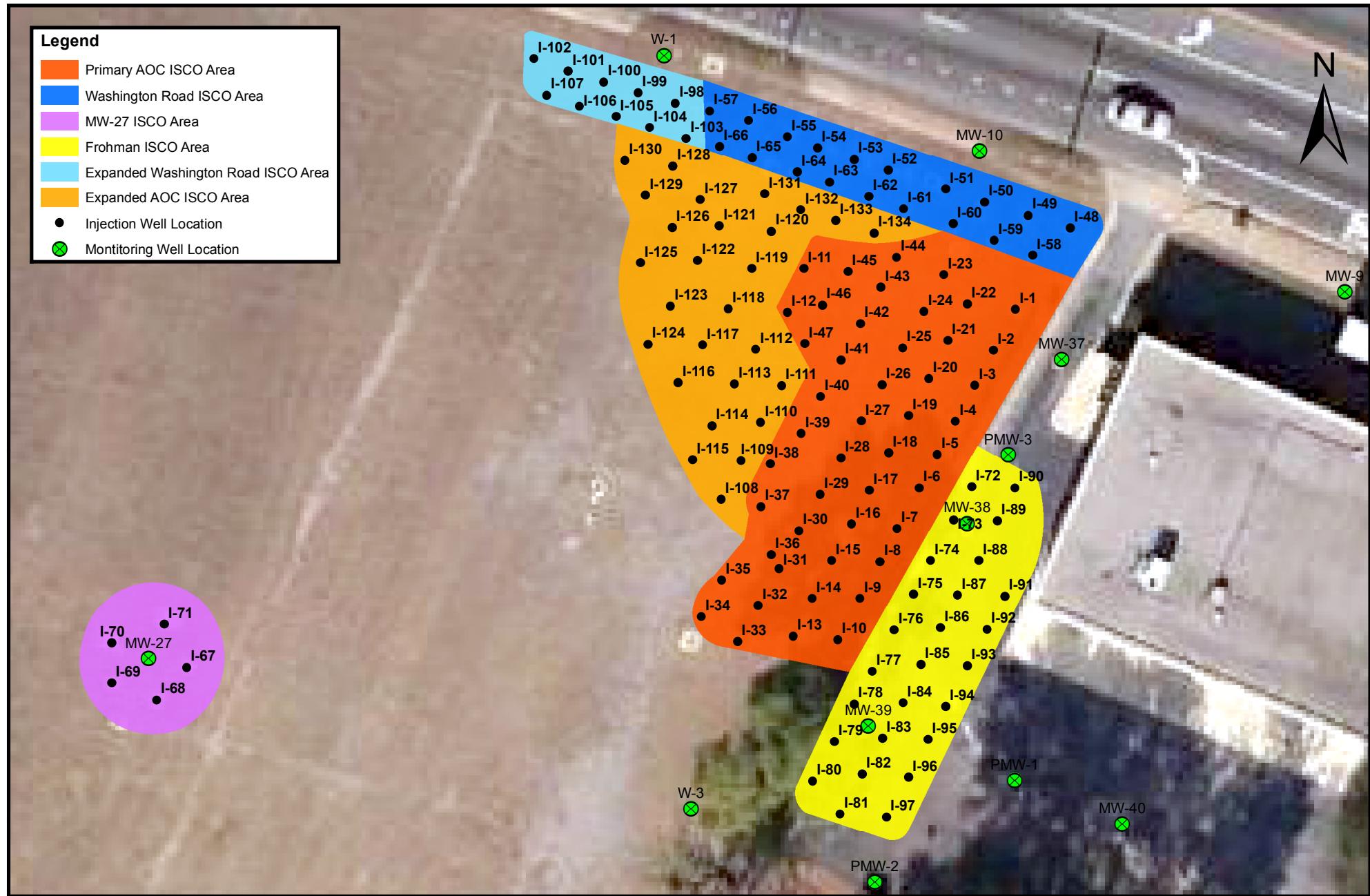
- Aziz, C.E., Newell, C.J., Gonzales, J.R., Haas, P., Clement, T.P., Sun, Y. *BIOCHLOR Natural Attenuation Decision Support System User's Manual Version 1.0*, 2000.
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- United States Geological Survey, 1980, Martinez, GA 1:24,000 topographic map
- Vincent, Harold R. 1982. *Geohydrology of the Jacksonian Aquifer in central and east-central Georgia*.

# Figures

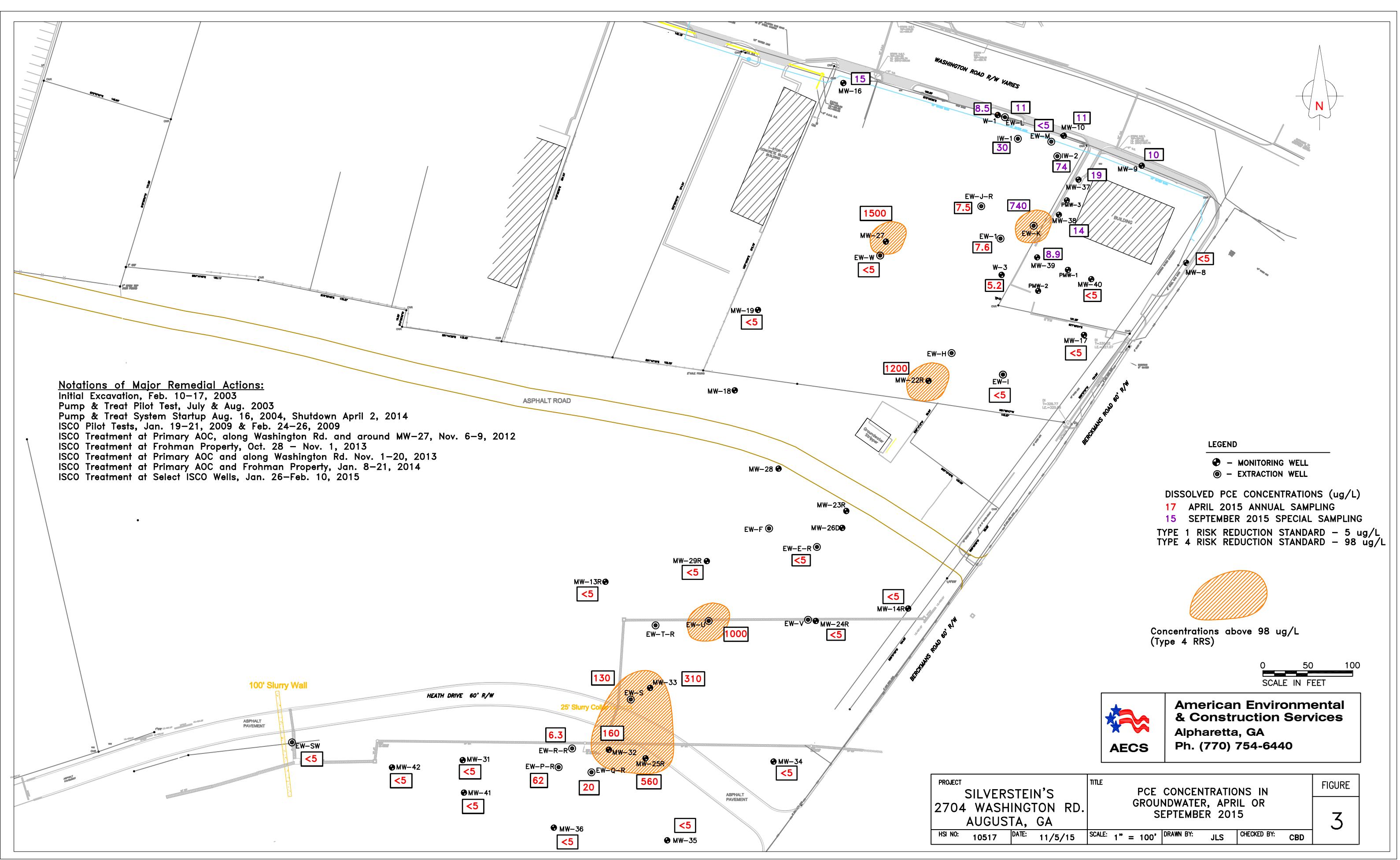


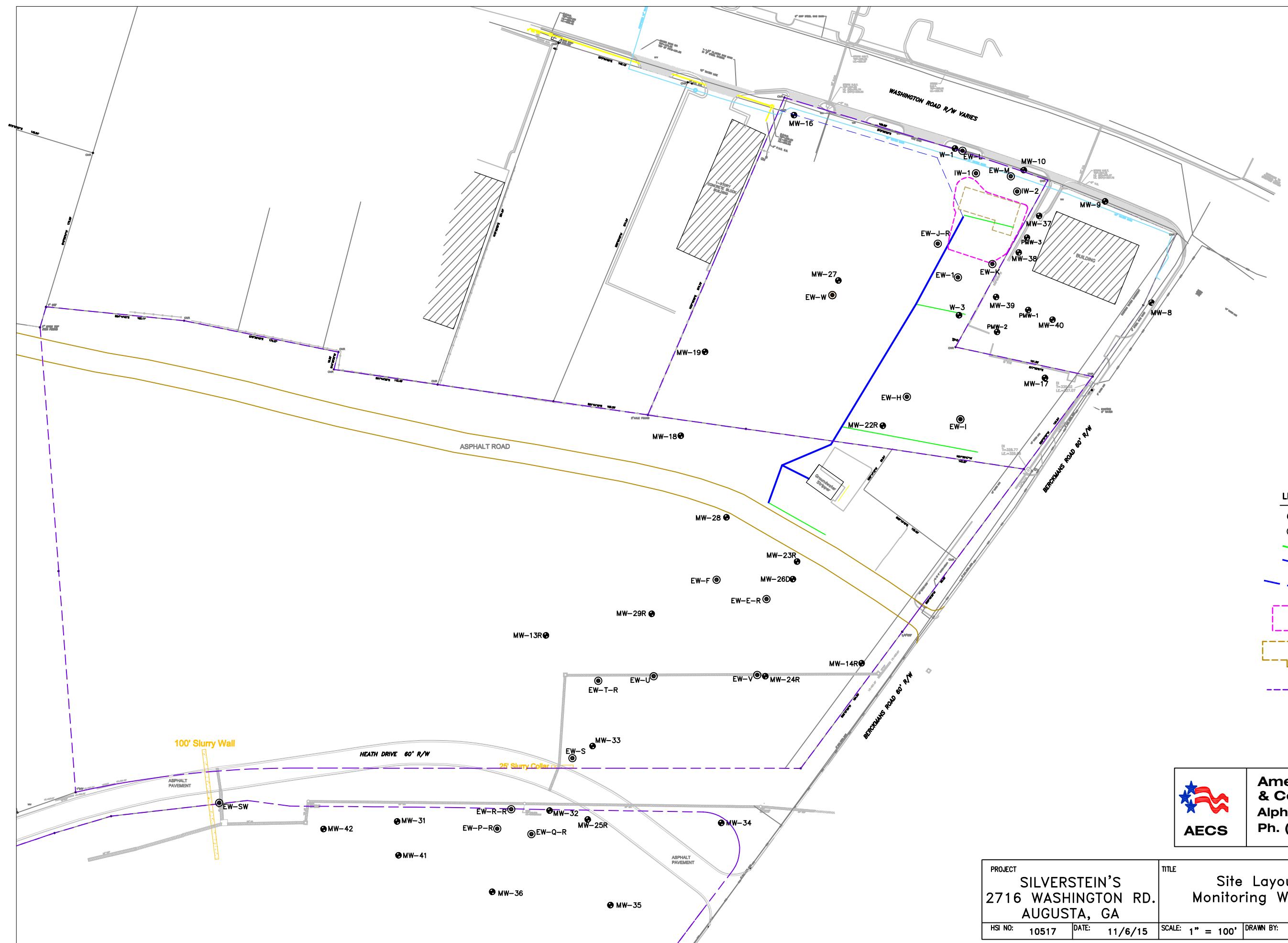
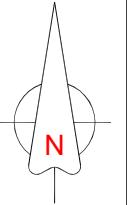
**American Environmental & Construction Services**  
**Alpharetta, GA**  
**Ph. (770) 754-6440**

PROJECT	TITLE	FIGURE
SILVERSTEIN'S 2716 WASHINGTON RD. AUGUSTA, GA	Properties for Qualification in the VRP	
HSI NO: 10517	DATE: 10/7/15	SCALE: 1" = 180' DRAWN BY: JLS CHECKED BY: CWW



Scale: 1 inch = 30 feet



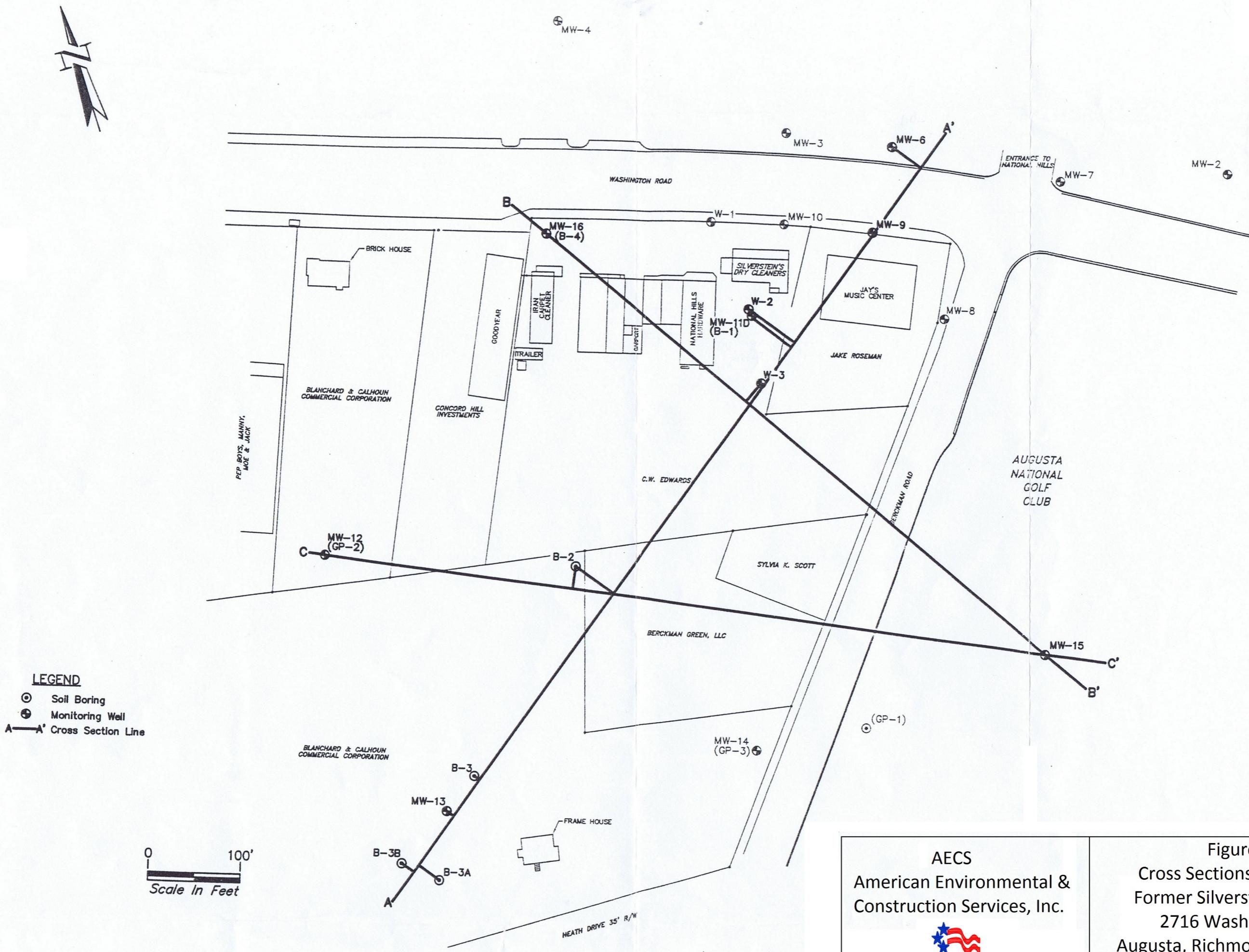




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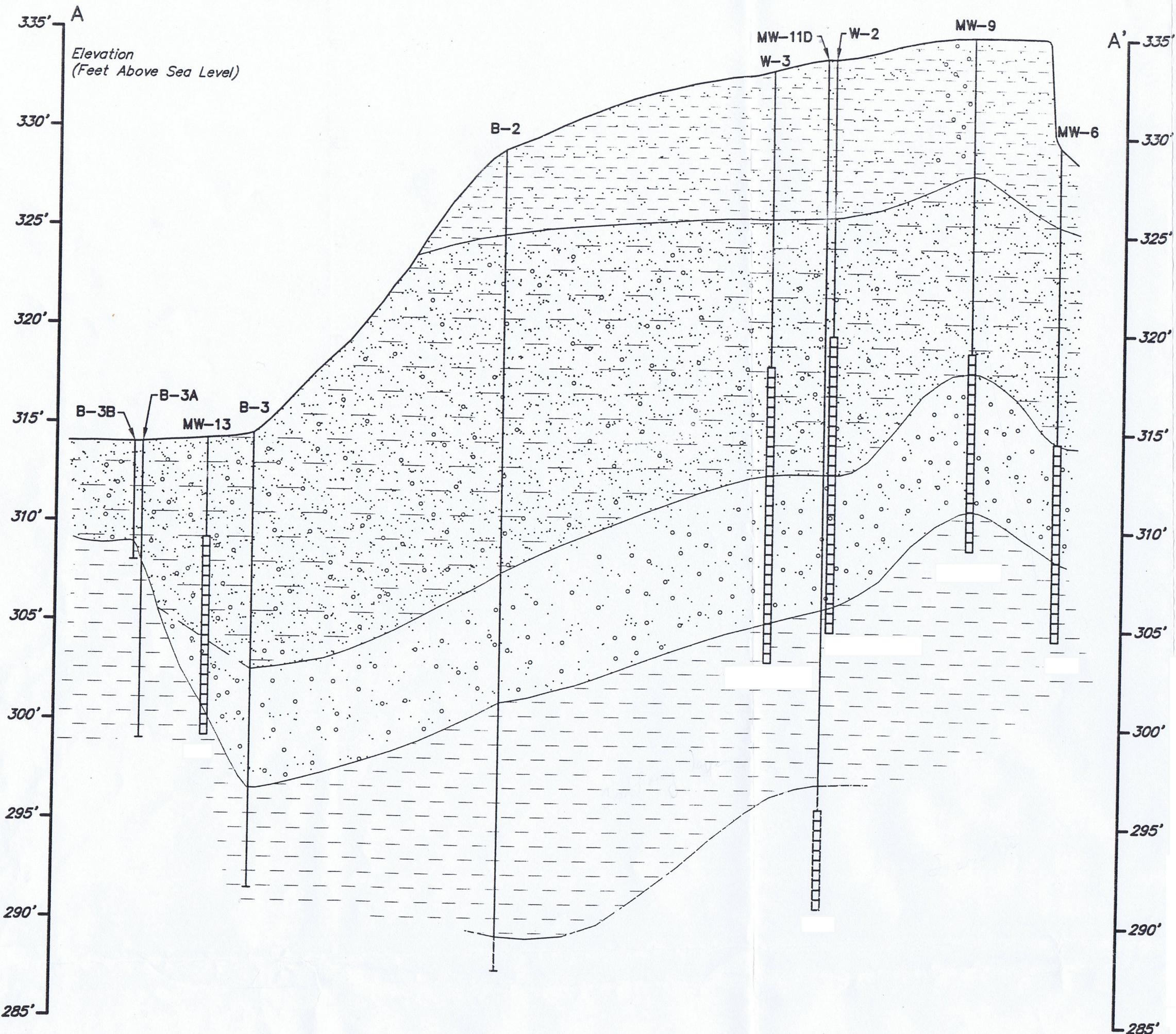
Figure 5  
Topographic Map  
Former Silverstein Cleaners Site  
2716 Washington Road  
Augusta, Richmond County, Georgia



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American Environmental &  
Construction Services, Inc.



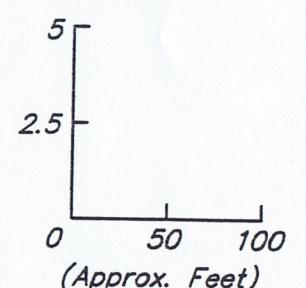
Figure 6  
Cross Sections Location Map  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia



## LEGEND

[Symbol: Dashed Line]	Clay with Sand
[Symbol: Diagonal Lines]	Sand with Clay and Gravel
[Symbol: Horizontal Lines]	Medium to Coarse Sand with Gravel
[Symbol: Solid Line]	Kaolin Clay
[Symbol: Solid Rectangle]	Saprivate
[Symbol: Vertical Rectangle]	Well Screen

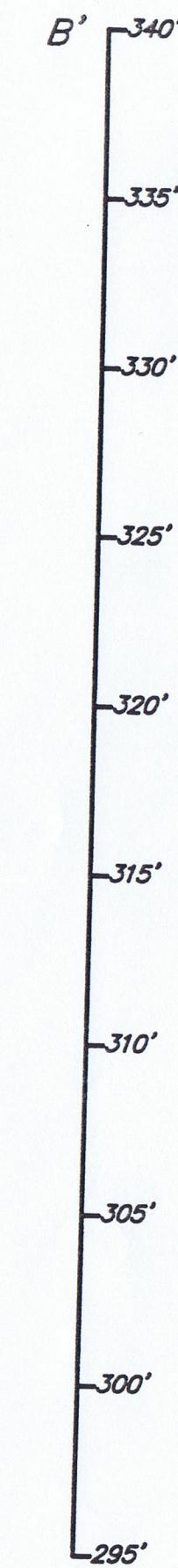
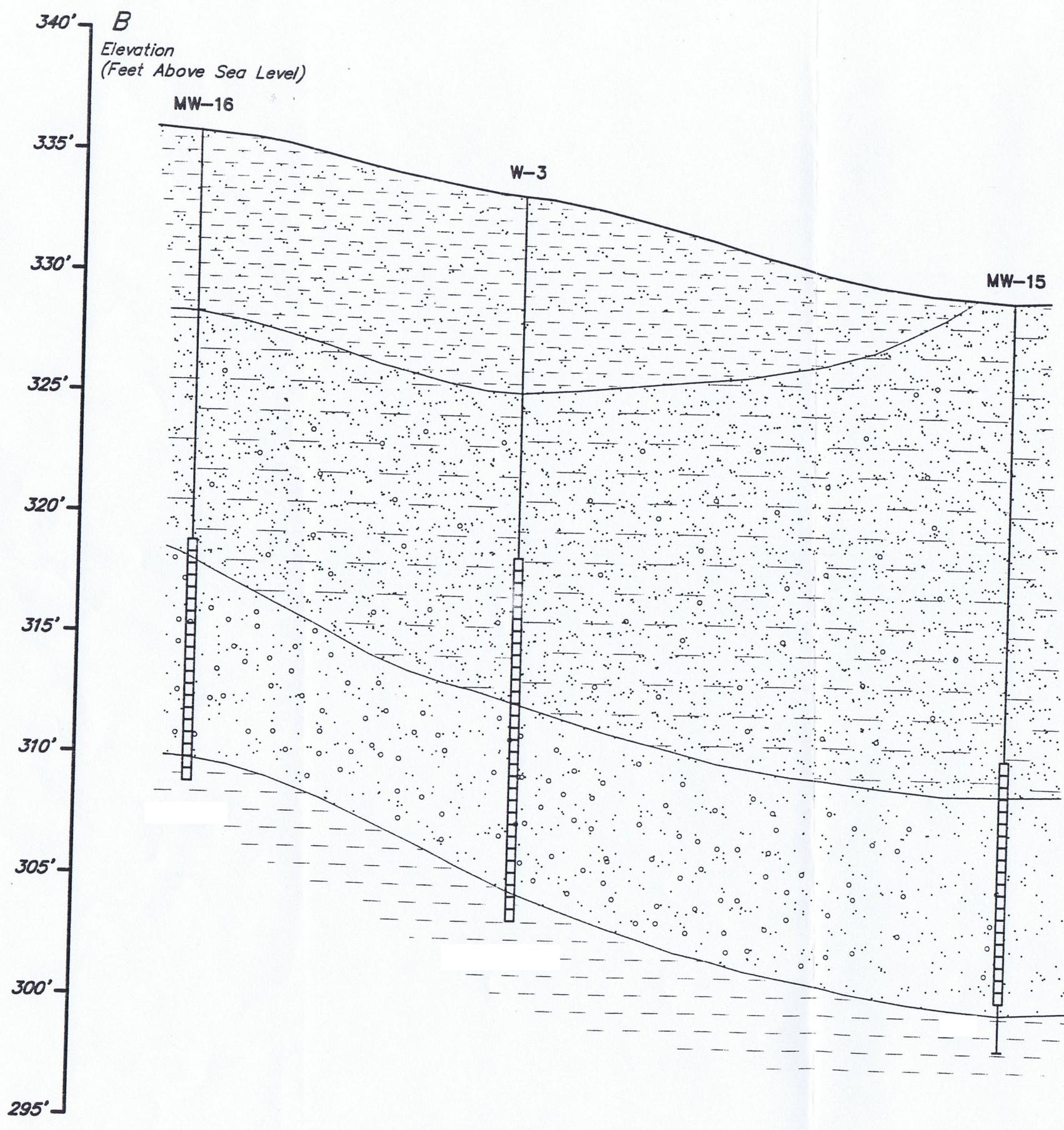
Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'  
Vertical Exaggeration: 20x



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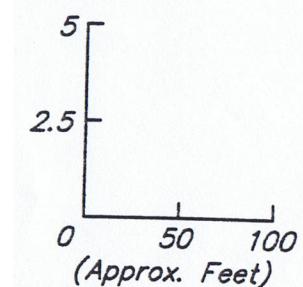
Figure 6A  
Cross Section A - A'  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia



## LEGEND

	Clay with Sand
	Sand with Clay and Gravel
	Medium to Coarse Sand with Gravel
	Kaolin Clay
	Well Screen

Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'  
Vertical Exaggeration: 20x

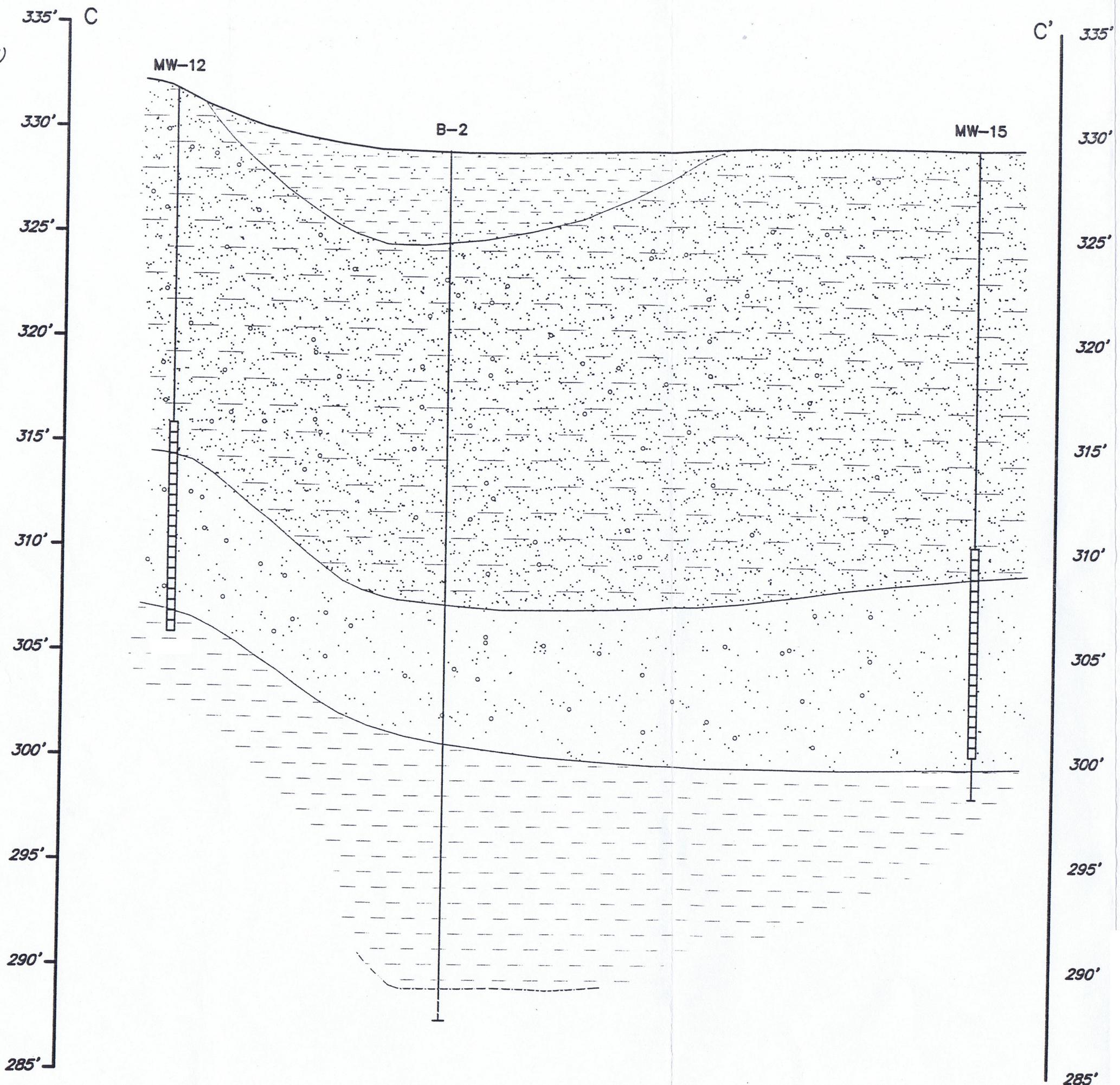


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Figure 6B  
Cross Section B - B'  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia

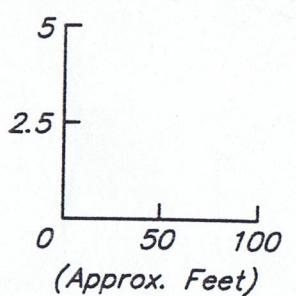
Elevation  
(Feet Above Sea Level)



## LEGEND

	Clay with Sand
	Sand with Clay and Gravel
	Medium to Coarse Sand with Gravel
	Kaolin Clay
	Saprolite
	Well Screen

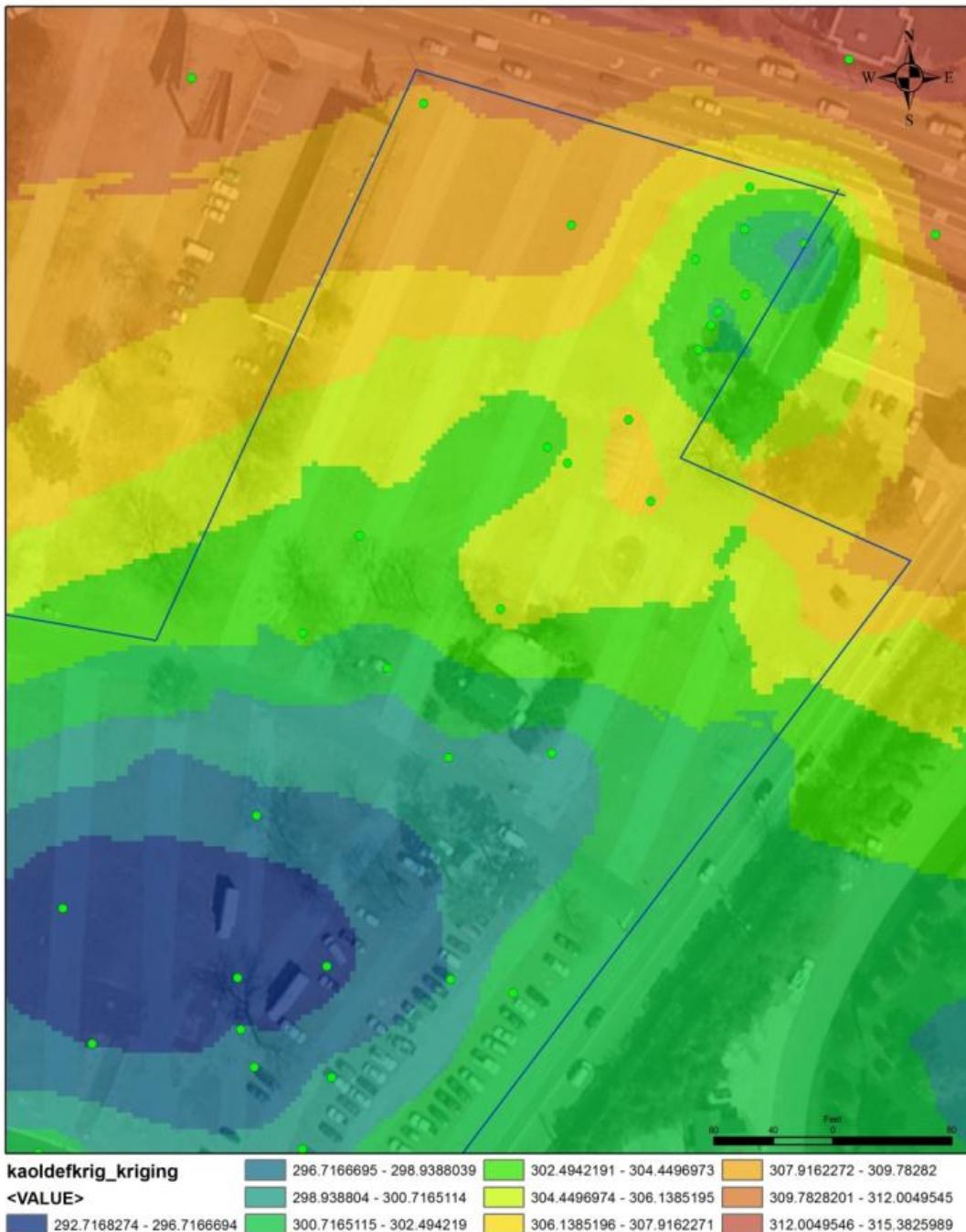
Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 5'  
Vertical Exaggeration: 20x



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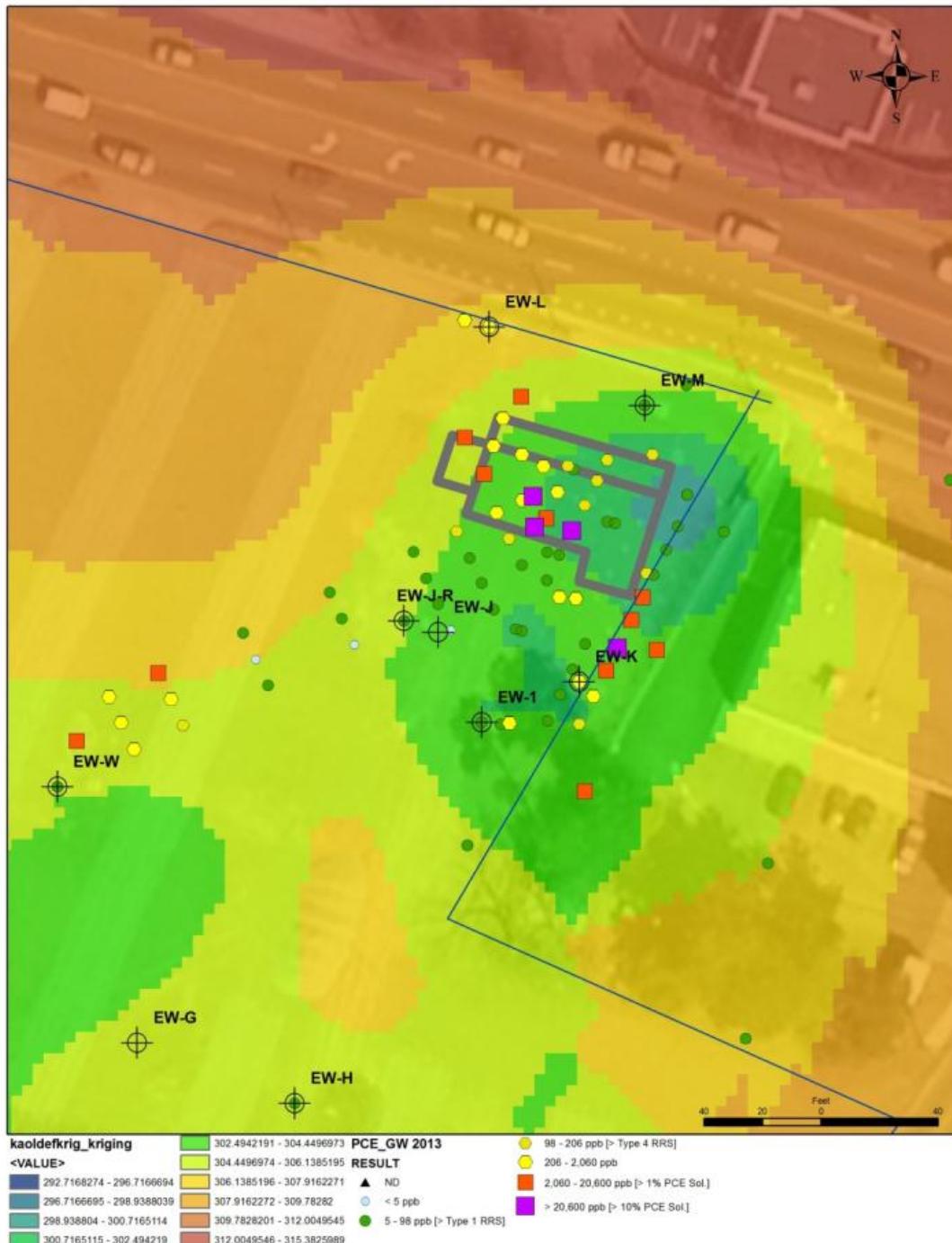
Figure 6C  
Cross Section C - C'  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia



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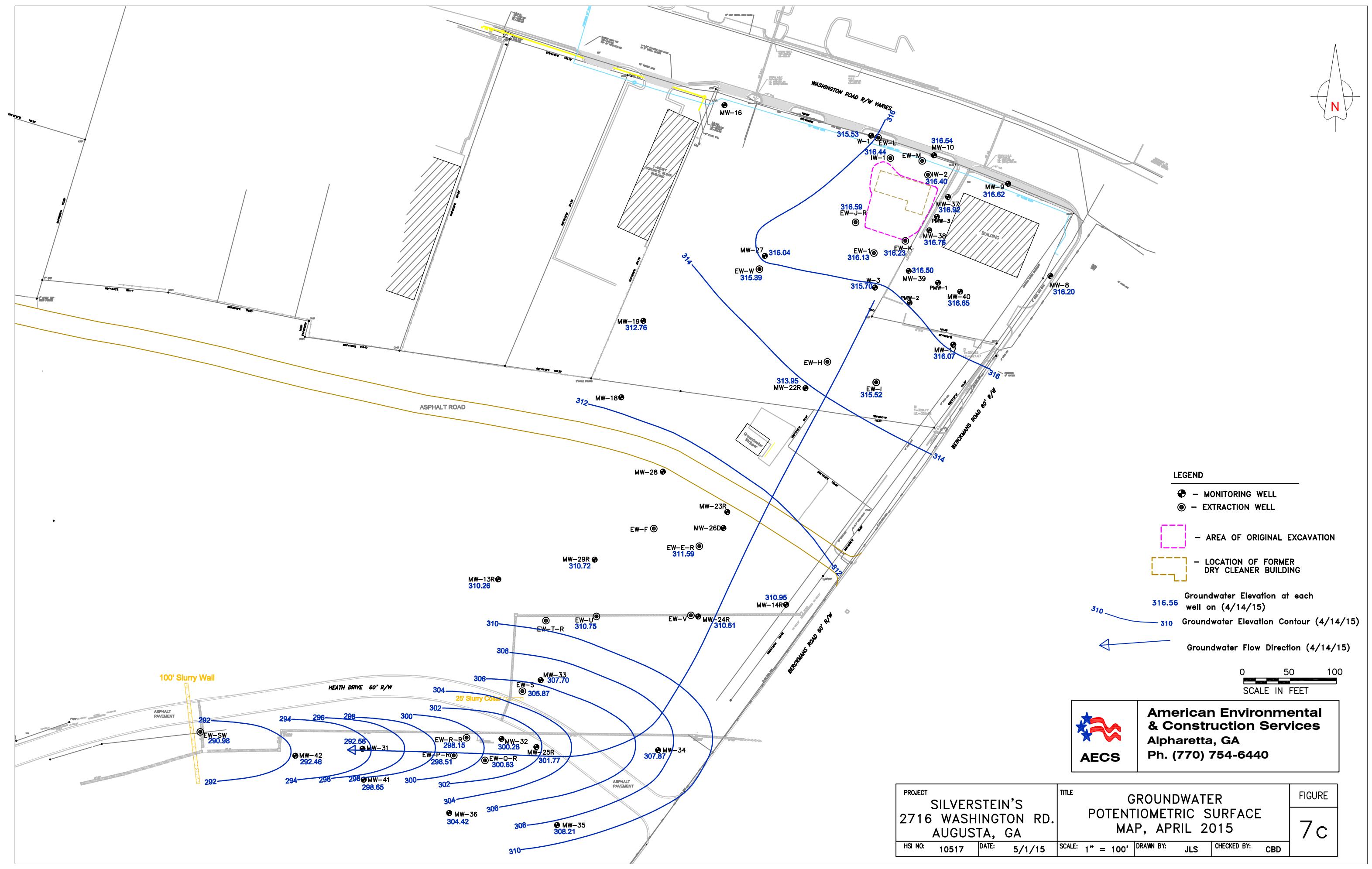
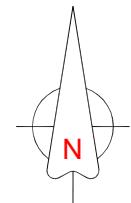
Figure 7A  
Kaolin Clay Layer Elevation Contour  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia

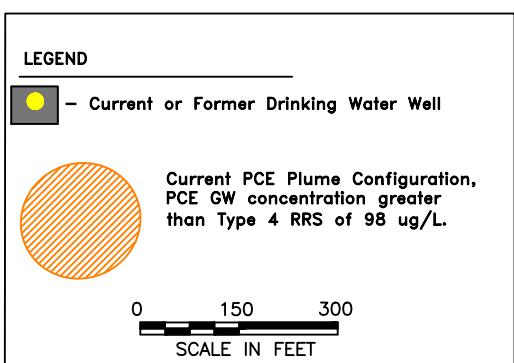


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Construction Services, Inc.



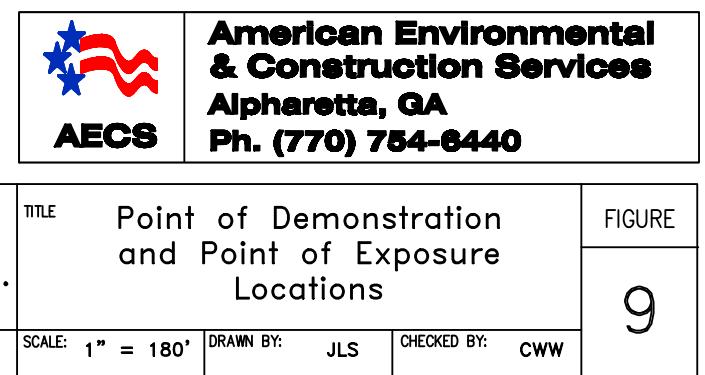
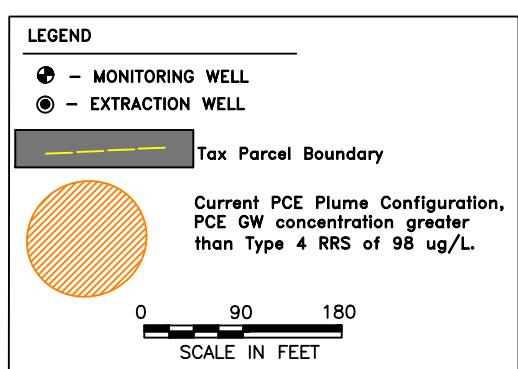
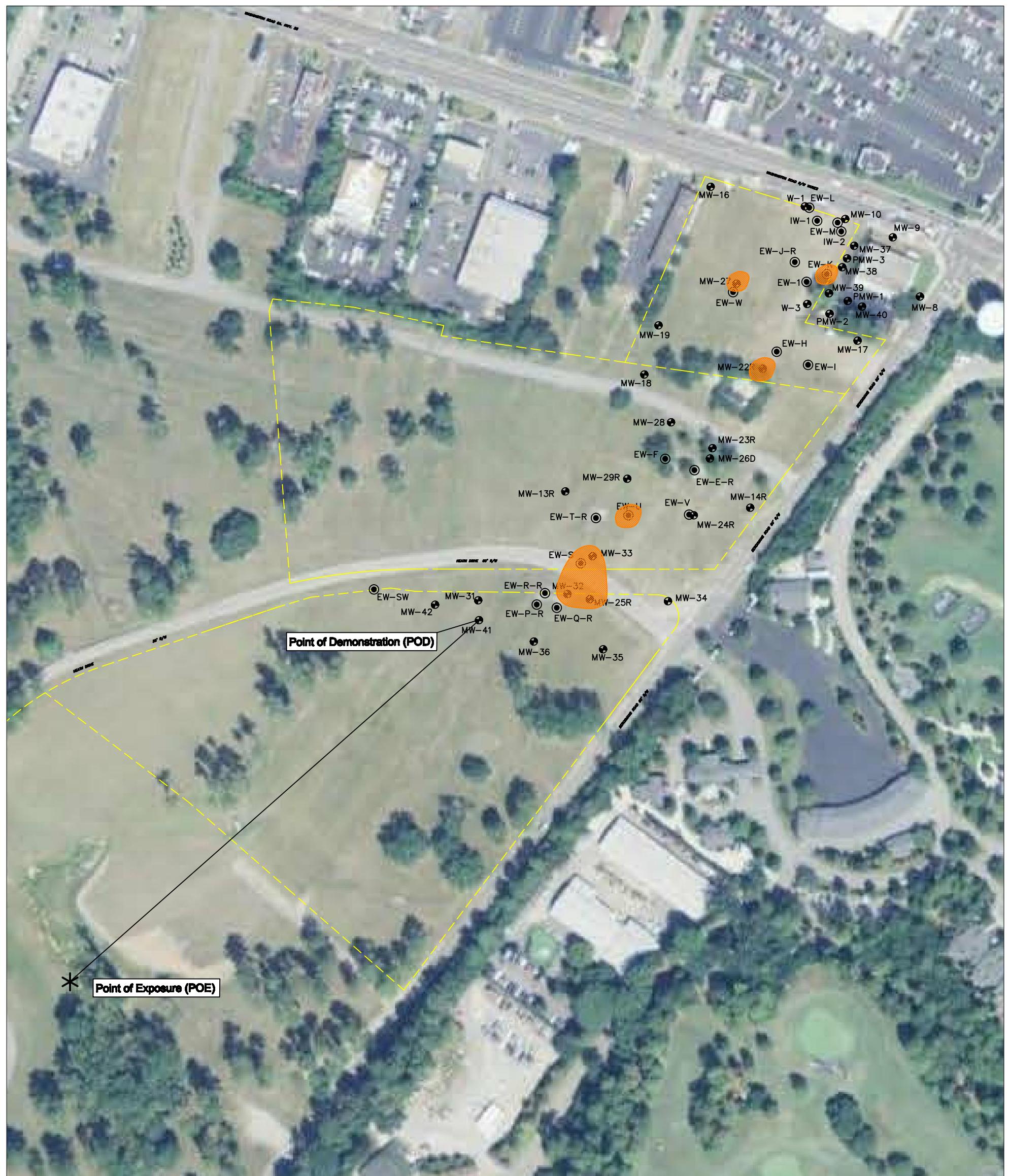
Figure 7B  
Kaolin Clay Layer Elevation Contour  
Close up of Northern Portion  
Former Silverstein Cleaner Site  
2716 Washington Road  
Augusta, Richmond County, Georgia





**American Environmental & Construction Services  
Alpharetta, GA  
Ph. (770) 754-6440**

PROJECT	TITLE	FIGURE
SILVERSTEIN'S 2716 WASHINGTON RD. AUGUSTA, GA	Drinking Water Wells Within a Half Mile Radius	8
HSI NO: 10517	DATE: 11/19/15	SCALE: 1" = 300'
		DRAWN BY: JLS
		CHECKED BY: CWW



# Tables

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		$\mu\text{g/L}$													
W-1	7/29/97	<b>19</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	9/1/99	<b>5.3</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	7/1/01	<b>7.5</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	5/27/03	<b>12</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	11/16/04	<b>16</b>	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<b>15</b>	
	2/2/05	<b>20</b>	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<b>14</b>	
	5/11/05	<b>27</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/05	<b>19</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/1/05	<b>55</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/31/06	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/2/06	<b>760</b>	<b>16</b>	<5	<b>89</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/24/06	<b>1000</b>	<b>45</b>	<5	<b>180</b>	<b>7.8</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	8/31/06	<b>1400</b>	<b>36</b>	<5	<b>160</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	9/28/06	<b>1300</b>	<b>19</b>	<5	<b>93</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/31/06	<b>990</b>	<b>29</b>	<5	<b>120</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/30/06	<b>210</b>	<5	<5	<b>18</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	12/29/06	<b>730</b>	<b>46</b>	<5	<b>210</b>	<b>8.1</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	2/2/07	<b>780</b>	<b>54</b>	<5	<b>180</b>	<b>7.9</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	2/26/07	<b>720</b>	<b>29</b>	<5	<b>120</b>	<b>5.0</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	3/30/07	<b>530</b>	<b>15</b>	<5	<b>52</b>	<b>2.4</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	4/30/07	<b>380</b>	<b>9.3</b>	<5	<b>35</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	6/7/07	<b>390</b>	<b>13</b>	<5	<b>41</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	8/1/07	<b>680</b>	<b>15</b>	<5	<b>32</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	8/29/07	<b>340</b>	<b>20</b>	<5	<b>74</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/2/07	<b>320</b>	<b>19</b>	<5	<b>81</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/31/07	<b>410</b>	<b>24</b>	<5	<b>110</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/27/07	<b>350</b>	<b>27</b>	<5	<b>140</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	12/19/07	<b>330</b>	<b>21</b>	<5	<b>70</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/29/08	<b>370</b>	<b>20</b>	<5	<b>77</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	3/3/08	<b>540</b>	<b>20</b>	<5	<b>63</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	3/28/08	<b>320</b>	<b>15</b>	<5	<b>63</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/22/08	<b>300</b>	<b>10</b>	<5	<b>48</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/30/08	<b>310</b>	<b>5.4</b>	<5	<b>23</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/8/08	<b>180</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/28/08	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/16/09	<b>81</b>	<0.35	<0.34	<0.22	<0.32	<0.22	<3.4	<3.6	<0.39	<0.34	<0.44	<0.24	<0.86	
	2/19/09	<b>130</b>	<b>1.4</b>	<0.27	<b>2.8</b>	<0.20	<0.19	<b>27</b>	<5.4	<0.30	<b>4.3</b>	<0.15	<b>33</b>	<0.17	
	5/27/09	<b>100</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<b>1.7 J</b>	<0.15	<0.17	
	7/24/09	<b>31</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>8.0 J</b>	<5.4	<0.30	<1.9	<b>1.8 J</b>	<b>4.1 J</b>	<b>0.70 J</b>	
	10/30/09	<b>34</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>9.6 J</b>	<5.4	<0.30	<1.9	<b>1.4 J</b>	<b>1.1 J</b>	<0.17	
	1/20/10	<b>68</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<b>1.8 J</b>	<0.41	<b>0.44 J</b>	
	4/28/10	<b>650</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<b>3.3 J</b>	<0.41	<0.31	
	7/21/10	<b>520</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<b>2.4 J</b>	<0.41	<0.31	
	10/12/10	<b>200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/14/11	<b>470</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/27/11	<b>2000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	8/9/11	<b>3300</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/12/12	<b>1300</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/30/12	<b>68</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/26/12	<b>2000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/5/12	<b>510</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/21/13	<b>1200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/14/13	<b>800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>12</b>	<10	<5	
	7/10/13	<b>520</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>11</b>	<10	<5	
	10/24/13	<b>780</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>9.5</b>	<10	<5	
	4/29/14	<b>22</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/21/14	<b>13</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/16/15	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	9/1/15	<b>8.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>5.6</b>	<10	<5	

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
W-2**	7/29/97	<b>47,000</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/1/99	<b>23,000</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/1/01	<b>49,000</b>	<b>6.2</b>	<5	<b>15</b>	<5	<2	--	--	--	--	--	--	--
	7/8/02	<b>37,000</b>	<5	<5	7.2	<5	<2	<20	<10	<5	<5	<5	<10	<5
W-3	7/29/97	<b>18,000</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/1/99	<b>13,000</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/1/01	<b>26,000</b>	<b>5.7</b>	<5	<b>15</b>	<5	<2	--	--	--	--	--	--	--
	7/8/02	<b>11,000</b>	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	5/29/03	<b>20,000</b>	<b>14</b>	<5	<b>54</b>	<5	<2	--	--	--	--	--	--	--
	11/15/04	<b>720</b>	<5	<5	<b>38</b>	<5	<2	<20	<10	<5	<5	<5	<10	<5
	2/2/05	<b>750</b>	<b>5.0</b>	<4	<b>32</b>	<5	<2	<20	<10	<5	<5	<5	<10	<5
	5/10/05	<b>190</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/05	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/1/05	<b>67</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/30/06	<b>180</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/06	<b>130</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/24/06	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/06	<b>200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/6/07	<b>84</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/7/07	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/29/07	<b>210</b>	<5	<5	<b>7.8</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	12/19/07	<b>410</b>	<b>11</b>	<5	<b>42</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/28/08	<b>390</b>	<5	<5	<b>24</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/22/08	<b>39</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/8/08	<b>35</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/8/08	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/27/08	<b>270</b>	<b>7.4</b>	<5	<b>40</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/16/09	<b>270</b>	<b>8.2</b>	<0.34	<b>38</b>	<0.32	<0.22	<3.4	<3.6	<0.39	<0.34	<0.44	<0.24	<0.86
	2/24/09	<b>110</b>	<b>2</b>	<0.27	<b>1.6</b>	<0.20	<0.19	<5.5	<5.4	<b>2.1</b>	<1.9	<0.15	<0.15	<0.17
	4/15/09	<b>8.8</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>37J</b>	<5.4	<0.30	<1.9	<0.15	<b>6.2J</b>	<0.17
	5/27/09	<b>63</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>16 J</b>	<5.4	<0.30	<1.9	<0.15	<b>4.7 J</b>	<0.17
	7/23/09	<b>8.3</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>45 J</b>	<5.4	<b>1.5 J</b>	<1.9	<b>1.4 J</b>	<b>6.4 J</b>	<0.17
	10/30/09	<b>25</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>43 J</b>	<5.4	<0.30	<1.9	<b>5.2</b>	<b>13</b>	<0.17
	1/26/10	<b>71</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<b>5.1</b>	<0.49	<0.30	<0.41	<0.31
	5/4/10	<b>25</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	7/15/10	<b>29</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	10/12/10	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/19/11	<b>62</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/27/11	<b>25</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/11	<b>55</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/17/12	<b>260</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/12	<b>25</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/17/12	<b>33</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>22</b>	<10	<5
	11/5/12	<b>140</b>	<5	<5	<b>7.1</b>	<5	<2	<50	<50	<5	<5	<b>11</b>	<10	<5
	1/22/13	<b>15</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/9/13	<b>24</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/10/13	<b>19</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/24/13	<b>80</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/28/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/1/14	<b>22</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/20/15	<b>5.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-8	3/1/96	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/26/97	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/1/99	<b>1.2</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/22/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	1/31/05	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	7/22/05	<b>9.7</b>	<5	<5	<b>15</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/27/06	<b>29</b>	<b>10</b>	<5	<b>46</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/24/06	<b>38</b>	<b>19</b>	<5	<b>60</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	12/18/06	<b>28</b>	<b>18</b>	<5	<b>51</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/8/07	<b>45</b>	<b>23</b>	<5	<b>61</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/07	<b>35</b>	<b>19</b>	<5	<b>45</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/8/07	<b>25</b>	<b>19</b>	<5	<b>51</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/30/07	<b>25</b>	<b>20</b>	<5	<b>45</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	12/19/07	<b>30</b>	<b>23</b>	<5	<b>46</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/30/08	<b>40</b>	<b>26</b>	<5	<b>53</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	3/31/08	<b>32</b>	<b>20</b>	<5	<b>36</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/22/08	<b>34</b>	<b>29</b>	<5	<b>40</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/30/08	<b>34</b>	<b>22</b>	<5	<b>41</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/8/08	<b>31</b>	<b>19</b>	<5	<b>33</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/29/08	<b>15</b>	<b>21</b>	<5	<b>51</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/25/09	<b>24</b>	<b>19</b>	<5	<b>33</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/8/09	<b>22</b>	<b>15</b>	<5	<b>25</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/09	<b>23</b>	<b>17</b>	<5	<b>26</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/28/09	<b>22</b>	<b>18</b>	<5	<b>30</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/10	<b>16</b>	<b>11</b>	<5	<b>20</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/10	<b>6.1</b>	<5	<5	<b>8.3</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/15/10	<b>9.7</b>	<b>6.6</b>	<5	<b>9.0</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/7/10	<5	<5	<5	<b>6.7</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/19/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/25/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/22/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/23/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/25/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/9/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/14/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/8/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/23/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-9	3/1/96	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/26/97	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	9/1/99	<b>1.7</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/8/02	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/29/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
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	1/26/06	<b>76</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	2/6/07	<b>170</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/07	<b>120</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/6/07	<b>130</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.5</b>
	8/30/07	<b>81</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	12/19/07	<b>99</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/28/08	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	3/28/08	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	2/25/09	<b>57</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.4</b>
	6/1/09	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.6</b>
	7/27/09	<b>88</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>8.8</b>
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	1/28/10	<b>50</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>11</b>
	4/30/10	<b>82</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>19</b>
	7/15/10	<b>76</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>14</b>
	10/7/10	<b>55</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.5</b>
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	7/22/11	<b>53</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.2</b>
	1/23/12	<b>62</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>11</b>
	5/3/12	<b>39</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.7</b>
	7/25/12	<b>37</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.9</b>
	11/2/12	<b>36</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.2</b>
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	7/14/13	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.3</b>
	10/16/13	<b>36</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/8/14	<b>24</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/21/14	<b>20</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/23/15	<b>12</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5
	9/1/15	<b>10</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5

Table 1a  
Monitoring Well Analytical Summary  
Volatile Organic Compounds  
Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-10	3/1/96	<b>32.9</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	9/26/97	<b>7.8</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	9/1/99	<b>4.8</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	5/22/03	<b>6.3</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	1/31/05	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5	<5
	7/21/05	<b>5.8</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	1/26/06	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<b>7.8</b>	<10	<b>15</b>
	7/19/06	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<b>11</b>	<10	<b>61</b>
	12/15/06	<b>33</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>8.6</b>
	2/6/07	<b>50</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>11</b>
	4/30/07	<b>88</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>8.5</b>
	6/6/07	<b>82</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>7</b>
	8/27/07	<b>55</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>8.4</b>
	12/19/07	<b>76</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	1/25/08	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>11</b>
	3/28/08	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	4/21/08	<b>170</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	5/29/08	<b>89</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	7/8/08	<b>88</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	10/28/08	<b>63</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>5.7</b>
	1/16/09	<b>84</b>	<0.35	<0.34	<0.22	<0.32	<0.22	<3.4	<3.6	<0.39	<0.34	<0.44	<0.24	<b>7.1</b>	
	2/19/09	<b>69</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	5/27/09	<b>150</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	7/24/09	<b>55</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<b>1.2 J</b>	
	10/29/09	<b>57</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<b>1.4 J</b>	
	1/21/10	<b>45</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31	
	4/29/10	<b>64</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31	
	7/21/10	<b>66</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<b>3.9 J</b>	
	10/13/10	<b>49</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>6.0</b>
	1/14/11	<b>53</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	4/27/11	<b>160</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	7/20/11	<b>390</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	1/12/12	<b>94</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	4/30/12	<b>2800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	7/26/12	<b>91</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	11/5/12	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	1/22/13	<b>74</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	5/14/13	<b>49</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
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	5/1/14	<b>18</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	10/21/14	<b>15</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	4/14/15	<b>17</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<b>5.1</b>
	9/1/15	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
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	10/28/99	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	7/1/01	<5	<5	NA	<5	<5	<2	--	--	--	--	--	--	--	--
MW-12**	10/1/99	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	5/21/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	7/19/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5
	1/31/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-13**	10/1/99	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	11/4/02	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/28/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	1/26/05	<b>7.4</b>	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	7/20/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/25/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/19/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/8/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/29/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/1/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/26/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-13-R	7/30/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/13/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/17/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/1/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/26/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/6/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/24/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/7/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/17/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-14**	10/1/99	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	11/4/02	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/28/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	1/27/05	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	7/20/05	<b>93</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/05	<b>68</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/25/06	<b>59</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/2/06	<b>35</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/06	<b>24</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/06	<b>6.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>15</b>	<10	<5
	2/2/07	<b>7.0</b>	<5	<5	<b>20</b>	<5	<2	<50	<50	<5	<5	<b>20</b>	<10	<5
	6/6/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>39</b>	<10	<5
	8/29/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>36</b>	<10	<5
	12/18/07	<b>33</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>14</b>	<10	<5
	1/29/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>41</b>	<10	<5
	4/22/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>25</b>	<10	<5
	6/25/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>19</b>	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-14-R	8/4/09	16	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>23</b>	<10	<5	
	11/5/09	<b>10</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>15</b>	<10	<5	
	1/29/10	<b>12</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/3/10	<b>6.9</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>12</b>	<10	<5	
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	4/22/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	11/7/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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MW-16	10/1/99	<b>41</b>	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	
	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	
	5/21/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	
	1/28/05	<b>19</b>	<b>5</b>	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5	
	7/21/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/26/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/7/08	<5	<b>5.2</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	1/25/13	<b>11</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/11/13	<b>68</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/11/15	<b>14</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	9/1/15	<b>15</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-17	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/27/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	11/15/04	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	2/7/05	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	5/10/05	<b>7.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/05	<b>90</b>	<b>21</b>	<5	<b>9.6</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/27/06	<b>39</b>	<b>12</b>	<5	<b>10</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/2/06	<b>95</b>	<b>25</b>	<5	<b>24</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/19/06	<b>19</b>	<b>5.2</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/06	<5	<5	<5	<5	<5	<5	<50	<50	<5	<5	<5	<10	<5
	2/6/07	<b>46</b>	<b>5.4</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/7/07	<b>66</b>	<b>6.8</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/27/07	<b>46</b>	<b>8.1</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	12/19/07	<b>39</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/25/08	<b>41</b>	<5	<5	<5	<5	<2	<b>140</b>	<50	<5	<5	<5	<10	<5
	4/22/08	<b>29</b>	<b>5.1</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/8/08	<b>22</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/27/08	<b>14</b>	<b>6.7</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/25/09	<b>8.3</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/1/09	<b>5.1</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/23/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/4/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/27/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/12/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/18/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/25/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/22/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/16/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/24/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/7/12	<b>5.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/15/13	<b>5.1</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/8/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	5/8/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/23/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-18	11/4/02	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/28/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	1/28/05	<5	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	7/21/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/30/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/21/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/6/07	<b>72</b>	<b>6.3</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/30/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/28/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/7/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/25/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/24/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/28/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/16/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/18/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/17/12	<b>7.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/28/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/7/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/11/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/17/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-19	11/4/02	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/21/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/21/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/26/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/7/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/27/07	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/7/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/25/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/24/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/28/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/16/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/17/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/17/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/17/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/6/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/17/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/2/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/23/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-20**	7/1/01	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	5/21/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	7/20/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-21D**	7/1/01	<b>250</b>	<5	<5	<5	<5	<2	--	--	--	--	--	<10	--

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-22**	5/29/03	170	<5	<5	20	<5	<2	--	--	--	--	--	--	--
	11/16/04	16	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	2/1/05	100	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<5
	5/12/05	320	<5	<5	5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/05	87	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/05	62	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/25/06	40	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/1/06	53	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	11/2/06	110	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	6/5/07	27	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	10/29/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/26/09	9.0	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/26/09	7.3	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
MW-22-R	8/5/09	66	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/09	140	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/27/10	43	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/10	47	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/15/10	72	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/11/10	38	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/13/11	73	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/20/11	68	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/16/12	180	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	4/24/15	1200	8.1	<5	38	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
Monitoring Well Analytical Summary  
Volatile Organic Compounds  
Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
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	5/10/05	<b>87</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
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	7/27/12	<b>350</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
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	5/9/05	<b>33</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
	7/18/05	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
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Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
MW-24-R	8/4/09	53	<5	<5	<5	<5	<2	<50	<50	<5	<5	6.2	<10	<5
	1/29/10	6.1	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/19/10	9.7	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/13/11	11	<5	<5	<5	<5	<2	<50	<50	<5	<5	7.1	<10	<5
	8/9/11	11	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/26/12	13	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/12	7.4	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/18/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/19/13	6.9	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/7/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	10	<5
	10/14/14	15	7.5	<5	17	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/21/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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MW-25**	5/28/03	<5	<5	<5	<5	<5	<2	--	--	--	--	--	--	--
	1/26/05	<5	<5	<5	<5	<5	<2	63	<10	<5	<5	<5	<10	<5
	7/19/05	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/24/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/17/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	5/30/08	2300	42	<5	220	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/24/08	2300	41	<5	220	5.6	<2	<50	<50	<5	<5	<5	<10	8.1
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	2/1/10	520	10	<5	110	<5	3.7	<50	<50	<5	<5	<5	<10	<5
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	7/16/10	550	7.7	<5	71	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/8/10	430	7.2	<5	55	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/26/12	410	9.6	<5	80	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/27/12	<5	<5	<5	55	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/8/12	420	12	<5	73	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/18/13	290	<5	<5	29	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/13	380	8.3	<5	54	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	4/30/14	600	7.3	<5	37	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/20/14	570	6.2	<5	27	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/20/15	560	7.3	<5	27	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-26D	6/24/03	<b>190</b>	<5	<5	<5	<5	<2	--	--	--	--	--	--	--	--
	2/4/05	<b>57</b>	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<10	<10	<5
	7/22/05	<b>19</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
	1/26/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
	8/4/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
	2/7/07	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
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	1/14/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<10	<5
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	7/27/12	<b>5200</b>	<250	<250	<250	<250	<100	<2500	<2500	<250	<250	<250	<500	<250	
	11/2/12	<b>2700</b>	<b>13</b>	<5	<b>150</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/24/13	<b>3100</b>	<b>15</b>	<5	<b>160</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/7/13	<b>1500</b>	<b>8.4</b>	<5	<b>160</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	10/16/13	<b>1300</b>	<b>11</b>	<5	<b>160</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/29/14	<b>1200</b>	<b>13</b>	<5	<b>200</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/7/14	<b>1800</b>	<b>13</b>	<5	<b>190</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/20/15	<b>1500</b>	<b>13</b>	<5	<b>180</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-28	1/27/05	410	<5	<5	<5	<5	<2	<20	<10	<5	<5	<5	<5	<10	<5
	7/19/05	75	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/27/06	79	<5	<5	5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/20/06	180	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/5/07	120	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	8/27/07	120	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/08	82	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/7/08	72	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/29/08	100	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/26/09	46	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	6/1/09	56	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/27/09	41	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/10	100	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/21/10	79	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/13/11	41	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/25/11	81	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/25/12	46	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/23/12	120	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/13	52	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/14/13	33	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
MW-29**	1/27/05	420	<5	<5	19	<5	<2	<20	<10	<5	<5	<5	<5	<10	<5
	7/22/05	59	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/30/06	14	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/17/06	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/2/07	28	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	8/30/07	170	<5	<5	7.3	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/08	170	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/14/08	72	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
MW-29-R	6/25/08	56	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/30/09	56	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	11/5/09	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/4/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/20/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/7/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/13/11	220	<5	<5	13	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/22/11	42	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/19/11	200	<5	<5	15	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/25/12	290	5.3	<5	27	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/27/12	110	<5	<5	8.2	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/23/12	9.7	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	11/8/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/28/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/7/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/12/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/14/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/7/14	93	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/17/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5

Table 1a  
Monitoring Well Analytical Summary  
Volatile Organic Compounds  
Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-30**	1/26/05	1300	26	<5	390	<5	17	<20	<10	<5	<5	<5	<5	<10	<5
	7/19/05	440	21	<5	360	<5	22	<50	<50	<5	<5	<5	<5	<10	<5
	1/24/06	370	14	<5	510	7.8	27	<50	<50	<5	<5	<5	<5	<10	<5
	7/17/06	320	8	<5	160	<5	10	<50	<50	<5	<5	<5	<5	<10	<5
	2/5/07	140	7.2	<5	320	5.9	19	<50	<50	<5	<5	<5	<5	<10	<5
	8/29/07	160	<5	<5	76	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/30/08	240	6.7	<5	140	<5	12	<50	<50	<5	<5	<5	5.6	<10	<5
	5/14/08	160	5.6	<5	110	<5	16	<50	<50	<5	<5	9.4	<10	<5	
	6/24/08	170	6.2	<5	110	<5	16	<50	<50	<5	<5	13	<10	<5	
MW-30-R**	8/3/09	130	6.8	<5	60	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	11/5/09	110	6.6	<5	54	<5	4.4	<50	<50	<5	<5	<5	<5	<10	<5
	2/1/10	46	<5	<5	37	<5	2.0	<50	<50	<5	<5	<5	<5	<10	<5
MW-31	8/5/09	26	<5	<5	10	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	11/5/09	9	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/1/10	13	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/4/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/16/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/8/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/12/11	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/21/11	14	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/14/11	7.7	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/9/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/2/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/19/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	11/7/12	14	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	1/29/13	13	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	5/8/13	6.3	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	7/11/13	5.5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/11/13	5.1	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/30/14	7.6	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	10/20/14	8.4	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	4/16/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
MW-32	8/6/09	230	23	<5	180	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/1/10	310	19	<5	140	<5	4.2	<50	<50	<5	<5	<5	<5	<10	<5
	7/16/10	350	20	<5	110	<5	4.7	<50	<50	<5	<5	<5	<5	<10	<5
	1/12/11	250	25	<5	130	<5	4.9	<50	<50	<5	<5	<5	<5	<10	<5
	7/15/11	240	28	<5	180	<5	5.7	<50	<50	<5	<5	<5	<5	<10	<5
	1/26/12	310	24	<5	130	<5	6.9	<50	<50	<5	<5	<5	<5	<10	<5
	7/19/12	250	21	<5	66	<5	3.6	<50	<50	<5	<5	<5	<5	<10	<5
	1/18/13	230	29	<5	100	<5	3.7	<50	<50	<5	<5	<5	<5	<10	<5
	7/18/13	180	27	<5	110	<5	4.1	<50	<50	<5	<5	<5	<5	<10	<5
	4/30/14	180	30	<5	78	<5	5.6	<50	<50	<5	<5	<5	<5	<10	<5
MW-32	10/20/14	150	31	<5	120	<5	4.6	<50	<50	<5	<5	<5	<5	<10	<5
	4/21/15	160	24	<5	65	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5

Table 1a  
 Monitoring Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-33	7/31/09	140	8.5	<5	65	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/29/10	91	<5	<5	54	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/16/10	94	<5	<5	20	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/11/10	29	<5	<5	38	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/12/11	100	6.5	<5	52	<5	3.0	<50	<50	<5	<5	<5	<10	<5	
	4/21/11	35	8.7	<5	75	5.3	4.4	<50	<50	<5	<5	<5	<10	<5	
	7/15/11	120	11	<5	160	9.1	5.4	<50	<50	<5	<5	<5	<10	<5	
	1/26/12	150	7.0	<5	56	<5	2.5	<50	<50	<5	<5	<5	<10	<5	
	4/23/12	320	7.3	<5	46	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/12	84	<5	<5	17	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/9/12	65	<5	<5	23	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/18/13	8.3	<5	<5	9.1	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/3/13	6.8	<5	<5	29	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/13	82	<5	<5	26	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/24/13	43	<5	<5	6.2	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/1/14	21	<5	<5	22	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/8/14	280	5.3	<5	14	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/20/15	310	<5	<5	18	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-34	5/2/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/7/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/10/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/12/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/23/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/7/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/21/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-35	5/3/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/6/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/23/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/2/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/24/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-36	5/2/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/8/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/16/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/10/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/12/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/24/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/8/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/23/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-37	10/29/12	31	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	10	<10	<5
	1/21/13	36	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	7.2	<10	<5
	10/15/13	44	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	9.0
	4/30/14	27	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	9.2
	10/16/14	20	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	9.6	<10	5.8
	4/22/15	20	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	12	<10	13
	9/2/15	19	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	9.0	<10	16

**Table 1a**  
**Monitoring Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromofrom	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
MW-38	10/30/12	<b>6900</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>5.4</b>	<10	<5	
	1/21/13	<b>3400</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/15/13	<b>1800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/1/14	<b>1200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<b>34</b>	<5	
	10/15/14	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/22/15	<b>9.9</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>9.6</b>	
	9/2/15	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>20</b>	
MW-39	10/30/12	<b>2500</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/22/13	<b>3400</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/15/13	<b>15000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/29/14	<b>96</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/16/14	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/21/15	<b>9.6</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	9/2/15	<b>8.9</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>6.2</b>	
MW-40	10/31/12	<b>13</b>	<b>6.8</b>	<5	<b>36</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/21/13	<b>28</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>18</b>	
	10/15/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.3</b>	
	5/5/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/16/14	<b>8.6</b>	<5	<5	<b>6.5</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/23/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.4</b>	
	7/16/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-41	10/9/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/22/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/16/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
MW-42	10/2/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/22/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/13/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
PMW-1	5/13/14	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
PMW-2	5/13/14	<b>6.5</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
PMW-3	5/13/14	<b>21</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>6.6</b>
Non-residential RRS (µg/L)		<b>98</b>	<b>5.2</b>	<b>524</b>	<b>204</b>	<b>161</b>	<b>3.3</b>	<b>45,622</b>	<b>11,792</b>	<b>362</b>	<b>13</b>	<b>80</b>	<b>263</b>	<b>2,000</b>	

Notes:

Shaded cell indicates exceedence of non-residential RRS

\*\* - Indicates well that has been replaced or is no longer utilized.

Notations of Major Remedial Actions: Initial Excavation Feb. 10-17, 2003, Pump & Treat Pilot Test July & Aug. 2003

Pump & Treat System Startup Aug. 16, 2004. ISCO Pilot Tests Jan. 19-21, 2009 & Feb. 24-26, 2009

ISCO Treatment at Primary AOC, along Washington Rd. and around MW-27, Nov. 6-9, 2012

ISCO Treatment at Frohman Property, Oct. 28 - Nov. 1, 2013

ISCO Treatment at Primary AOC and along Washington Rd. Nov. 1- Nov. 20, 2013

ISCO Treatment at Primary AOC and Frohman Property, Jan. 8- Jan. 21, 2014

Pump & Treat System Shutdown April 2, 2014

ISCO Treatment at Select ISCO Wells, Jan. 26- Feb. 10, 2015

**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
IW-1	1/24/08	<b>410</b>	<5	<5	<b>5.8</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/28/08	<b>450</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/27/09	<b>79</b>	<5	<5	<5	<5	<2	<50	<50	<5	<b>5.9</b>	<5	<b>23</b>	<5
	6/2/09	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<5	<b>8.6</b>	<5	<10	<5
	7/28/09	<b>80</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/4/09	<b>55</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/20/10	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/28/10	<b>1000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/14/10	<b>1800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/5/10	<b>3000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/6/11	<b>4100</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/18/11	<b>2800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/11	<b>7400</b>	<b>5.9</b>	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/26/12	<b>3200</b>	<5	<5	<5	<5	<2	<b>76</b>	<b>55</b>	<5	<5	<b>7.5</b>	<10	<5
	4/27/12	<b>3500</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/12	<b>6100</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>5.8</b>	<5	<5
	10/30/12	<b>6400</b>	<b>5.6</b>	<5	<b>5.5</b>	<5	<2	<50	<50	<5	<5	<b>6.2</b>	<10	<5
	1/22/13	<b>4800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>12</b>	<10	<5
	5/1/13	<b>390</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/2/13	<b>210</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/18/13	<b>190</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/6/14	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/7/14	<b>96</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/15/15	<b>31</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	9/1/15	<b>30</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
IW-2	1/23/08	<b>160</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/28/08	<b>570</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/27/09	<b>140</b>	<5	<5	<5	<5	<2	<b>86</b>	<50	<5	<5	<5	<b>16</b>	<5
	6/3/09	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/28/09	<b>72</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/09	<b>91</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>6.0</b>
	1/21/10	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/29/10	<b>270</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/14/10	<b>900</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/5/10	<b>850</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/6/11	<b>1700</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/18/11	<b>180</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/11	<b>220</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/13/12	<b>250</b>	<5	<5	<5	<5	<2	<50	<50	<5	<b>6.9</b>	<10	<5	
	4/23/12	<b>170</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/26/12	<b>190</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/2/12	<b>200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/23/13	<b>130</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/13	<b>29</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/3/13	<b>99</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/18/13	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/6/14	<b>91</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/10/14	<b>70</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/14/15	<b>88</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	9/1/15	<b>74</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
EW-L	2/13/08	<b>520</b>	<b>13</b>	<5	<b>52</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>700</b>	<b>10</b>	<5	<b>48</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>1200</b>	<b>13</b>	<5	<b>67</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>840</b>	<b>14</b>	<5	<b>62</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>590</b>	<b>15</b>	<5	<b>69</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/18/08	<b>480</b>	<b>7.1</b>	<5	<b>23</b>	<5	<2	<50	<50	<5	<5	<5	<10	<b>12</b>
	11/4/08	<b>270</b>	<5	<5	<b>7.6</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	3/2/09	<b>64</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/2/09	<b>36</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/09	<b>46</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/09	<b>20</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/10	<b>73</b>	<5	<5	<5	<5	<2	<b>97</b>	<b>270</b>	<5	<5	<5	<10	<5
	5/3/10	<b>890</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/13/10	<b>890</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/8/10	<b>900</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/11/11	<b>1200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/15/11	<b>1700</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/25/11	<b>2300</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/19/12	<b>1400</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>5.9</b>	<10	<5
	4/27/12	<b>1300</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/12	<b>1500</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/30/12	<b>630</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/23/13	<b>430</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/2/13	<b>160</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/2/13	<b>230</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/22/13	<b>78</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	9/1/15	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
EW-M	1/15/08	<b>340</b>	<b>16</b>	<5	<b>59</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>1600</b>	<5	<5	<b>5.6</b>	<5	<2	<b>190</b>	<b>130</b>	<5	<5	<5	<10	<b>24</b>
	2/21/08	<b>1700</b>	<5	<5	<b>5.7</b>	<5	<2	<50	<50	<5	<5	<5	<10	<b>34</b>
	2/21/08	<b>2300</b>	<5	<5	<b>7.5</b>	<5	<2	<50	<50	<5	<5	<5	<10	<b>37</b>
	2/21/08	<b>2200</b>	<5	<5	<b>7.0</b>	<5	<2	<50	<50	<5	<5	<5	<10	<b>36</b>
	6/18/08	<b>620</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>38</b>
	11/4/08	<b>700</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>57</b>
	2/27/09	<b>200</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<b>16</b>	<b>5.6</b>
	6/3/09	<b>15</b>	<5	<5	<5	<5	<2	<b>86</b>	<50	<b>15</b>	<5	<5	<10	<b>5.9</b>
	7/27/09	<b>37</b>	<5	<5	<5	<5	<2	<b>60</b>	<50	<b>8.6</b>	<b>12</b>	<5	<10	<b>5.4</b>
	11/3/09	<b>46</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>13</b>
	1/29/10	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<b>67</b>	<5	<5	<10	<5
	5/3/10	<b>300</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/13/10	<b>640</b>	<5	<5	<5	<5	<2	<50	<50	<b>5.9</b>	<5	<5	<10	<b>18</b>
	10/8/10	<b>800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>28</b>
	1/11/11	<b>960</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>15</b>
	4/18/11	<b>910</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/26/11	<b>1500</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/19/12	<b>690</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>14</b>
	4/23/12	<b>630</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.3</b>
	7/23/12	<b>500</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/1/12	<b>190</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<b>7.3</b>
	1/23/13	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/30/13	<b>6.0</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/10/13	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/21/13	<b>41</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	9/1/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
EW-J**	1/23/08	<b>160</b>	<b>12</b>	<5	<b>54</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>130</b>	<5	<5	<b>9.8</b>	<5	<2	<b>350</b>	<b>1100</b>	<5	<5	<5	<10	<5
	2/21/08	<b>190</b>	<b>6.2</b>	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>150</b>	<b>5.3</b>	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	6/18/08	<b>91</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/08	<b>19</b>	<5	<5	<b>22</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/23/09	<b>38</b>	<b>8.6</b>	<0.27	<b>8</b>	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17
	5/28/09	<b>35</b>	<b>3.4 J</b>	<0.27	<b>2.8 J</b>	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17
EW-J-R	8/7/09	<b>18</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<b>8.8</b>	<0.15	<0.17
	10/30/09	<b>13</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<b>4.2 J</b>	<0.15	<0.17
	1/27/10	<b>770</b>	<b>1.4 J</b>	<0.30	<b>1.1 J</b>	<0.43	<0.38	<b>42 J</b>	<b>52</b>	<0.70	<0.49	<0.30	<0.41	<0.31
	4/30/10	<b>13</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	7/13/10	<b>30</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	10/8/10	<b>16</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/11/11	<b>64</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/19/11	<b>18</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	8/8/11	<b>10</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/12/12	<b>320</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/19/12	<b>59</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/17/12	<b>21</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/1/12	<b>27</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/22/13	<b>28</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/2/13	<b>19</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/8/13	<b>7.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/17/13	<5	<5	<5	<5	<5	<b>24</b>	<50	<50	<5	<5	<5	<10	<5
	5/6/14	<b>10</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/7/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/14/15	<b>7.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
EW-K	1/18/08	<b>3400</b>	<b>6.4</b>	<5	<b>9.4</b>	<5	<2	<50	<50	<5	<5	<5	<10	<b>5.6</b>
	2/21/08	<b>3200</b>	<b>6</b>	<5	<5	<5	<2	<50	<b>130</b>	<5	<5	<5	<10	<5
	2/21/08	<b>4800</b>	<b>14</b>	<5	<b>11</b>	<5	<2	<b>100</b>	<b>390</b>	<5	<5	<5	<10	<5
	2/21/08	<b>7200</b>	<b>20</b>	<5	<b>15</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>12000</b>	<b>12</b>	<5	<b>9.9</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	11/3/08	<b>6500</b>	<b>15</b>	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/23/09	<b>1100</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<b>100</b>	<5.4	<0.30	<b>2.8</b>	<0.15	<b>34</b>	<0.17
	4/15/09	<b>420</b>	<b>1.5 J</b>	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17
	5/28/09	<b>490</b>	<b>2.1 J</b>	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17
	7/23/09	<b>370</b>	<b>2.5 J</b>	<0.27	<b>1.1 J</b>	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<b>2.5 J</b>	<0.15	<0.17
	10/30/09	<b>2600</b>	<b>6.3</b>	<0.27	<b>1.1 J</b>	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<b>1.1 J</b>	<0.15	<0.17
	1/27/10	<b>1300</b>	<b>2.5 J</b>	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	5/3/10	<b>1400</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<b>1.0 J</b>	<0.41	<0.31
	7/13/10	<b>1800</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31
	10/8/10	<b>1800</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/11/11	<b>1400</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/19/11	<b>1000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/18/11	<b>1100</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/10/12	<b>4800</b>	<5	<5	<b>9.2</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/19/12	<b>820</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/17/12	<b>870</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/5/12	<b>2400</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/22/13	<b>370</b>	<5	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/9/13	<b>810</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/9/13	<b>120</b>	<5	<5	<b>29</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/17/13	<b>110</b>	<5	<5	<b>110</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/5/14	<b>360</b>	<5	<5	<b>31</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/6/14	<b>11,000</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/15/15	<b>580</b>	<5	<5	<5	<5	<2	<b>55</b>	<50	<5	<5	<5	<10	<5
	9/1/15	<b>740</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5

**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
EW-1	1/23/08	<b>25</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<10	<5
	2/21/08	<b>46</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>100</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>35</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	6/18/08	<b>23</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/26/08	<b>9.5</b>	<0.86	<0.34	<0.22	<0.32	<0.22	<3.4	<3.6	<0.39	<0.34	<0.44	<0.24	<0.86	
	2/24/09	<b>7.9</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	5/28/09	<b>39</b>	<b>1.2 J</b>	<0.27	<0.07	<0.20	<0.19	<b>10 J</b>	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	7/24/09	<b>12</b>	<b>1.2 J</b>	<0.27	<0.07	<0.20	<0.19		<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	10/27/09	<b>13</b>	<0.12	<0.27	<0.07	<0.20	<0.19	<5.5	<5.4	<0.30	<1.9	<0.15	<0.15	<0.17	
	1/26/10	<b>13</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<b>5.8</b>	<0.49	<0.30	<0.41	<0.31	
	4/29/10	<b>37</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31	
	7/15/10	<b>7.9</b>	<0.23	<0.30	<0.35	<0.43	<0.38	<5.0	<1.7	<0.70	<0.49	<0.30	<0.41	<0.31	
	10/6/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/7/11	<b>120</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/19/11	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/18/11	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/12/12	<b>27</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/19/12	<b>17</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>22</b>	<10	<5	
	7/17/12	<b>8.9</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/1/12	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/23/13	<b>11</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/9/13	<b>8.0</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/9/13	<b>10.0</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/17/13	<b>5.2</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/6/14	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/3/14	<b>8.9</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/14/15	<b>7.6</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
EW-W	8/7/09	<b>190</b>	<5	<5	<b>6.0</b>	<5	<2	<50	<50	<5	<5	<b>8.0</b>	<10	<5	
	11/2/09	<b>31</b>	<b>7.1</b>	<5	<b>69</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/29/10	<b>15</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/29/10	<b>500</b>	<b>5.8</b>	<5	<b>32</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/13/10	<b>710</b>	<b>5.1</b>	<5	<b>30</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/8/10	<b>520</b>	<5	<5	<b>30</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/11/11	<b>510</b>	<5	<5	<b>24</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/20/11	<b>490</b>	<b>9.5</b>	<5	<b>85</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/11/11	<b>1000</b>	<b>6.6</b>	<5	<b>29</b>	<5	<2	<50	<50	<5	<5	<b>5.4</b>	<10	<5	
	1/19/12	<b>1400</b>	<b>7.0</b>	<5	<b>42</b>	<5	<2	<50	<50	<5	<5	<b>5.5</b>	<10	<5	
	4/27/12	<b>930</b>	<b>7.2</b>	<5	<b>59</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	10/30/12	<b>2400</b>	<b>9.8</b>	<5	<b>46</b>	<5	<2	<50	<50	<5	<5	<b>7.1</b>	<10	<5	
	1/24/13	<b>72</b>	<5	<5	<b>130</b>	<b>6.1</b>	<2	<50	<50	<5	<5	<5	<10	<5	
	5/10/13	<b>10</b>	<5	<5	<b>37</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/9/13	<b>29</b>	<5	<5	<b>130</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/18/13	<b>71</b>	<5	<5	<b>23</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/6/14	<5	<5	<5	<b>20</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
EW-G (Closed 2009)	1/21/08	<b>33</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>45</b>	<5	<5	<5	<5	<2	<50	<b>77</b>	<5	<5	<5	<10	<5	
	2/21/08	<b>43</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>44</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	2/21/08	<b>44</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	6/18/08	<b>41</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	11/3/08	<b>31</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	3/4/09	<b>35</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	

**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
EW-H	1/22/08	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<5
	2/21/08	<b>72</b>	<5	<5	<5	<5	<2	<b>130</b>	<b>98</b>	<5	<5	<5	<10	<5
	2/21/08	<b>66</b>	<5	<5	<5	<5	<2	<b>660</b>	<b>160</b>	<5	<5	<5	<10	<5
	2/21/08	<b>65</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	2/21/08	<b>54</b>	<5	<5	<5	<5	<2	<b>230</b>	<b>180</b>	<5	<5	<5	<10	<5
	6/18/08	<b>71</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/3/08	<b>260</b>	<5	<5	<b>7.4</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	3/4/09	<b>91</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/3/09	<b>32</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/27/09	<b>29</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	11/4/09	<b>24</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/29/10	<b>14</b>	<5	<5	<b>39</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/10	<b>14</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/13/10	<b>78</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/12/10	<b>21</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	5/3/13	<b>39</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	4/16/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5

Table 1b  
 Extraction Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
EW-F	1/18/08	<b>470</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<5	<5
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	2/21/08	<b>390</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/18/08	<b>200</b>	<5	<5	<b>9.8</b>	<5	<2	<b>180</b>	<b>360</b>	<5	<5	<5	<10	<5
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	11/4/09	<b>370</b>	<b>5.1</b>	<5	<b>21</b>	<b>5.2</b>	<2	<50	<50	<5	<5	<5	<10	<5
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	5/3/10	<b>320</b>	<5	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	10/8/10	<b>37</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/11/11	<b>38</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/20/11	<b>44</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/11/11	<b>130</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/19/12	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	10/10/13	<b>280</b>	<5	<5	<b>5.8</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	4/27/12	<b>320</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/2/13	<b>96</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	10/8/14	<b>7.7</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/17/15	<5	<5	<5	<5	<5	<2	<50	<50	<5	<b>7.8</b>	<5	<5	<10

Table 1b  
 Extraction Well Analytical Summary  
 Volatile Organic Compounds  
 Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane	
		µg/L													
EW-D (Closed 2009)	1/21/08	<b>5.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>19</b>	<10	<5	
	2/21/08	<5	<5	<5	<5	<5	<2	<50	<b>120</b>	<5	<5	<5	<10	<5	
	2/21/08	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>12</b>	<10	<5	
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	10/30/08	<b>39</b>	<5	<5	<b>18</b>	<5	<2	<50	<50	<5	<5	<b>10</b>	<10	<5	
	3/5/09	<b>27</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	11/4/09	<b>9.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/29/10	<b>63</b>	<5	<5	<5	<5	<2	<b>95</b>	<b>98</b>	<5	<5	<5	<10	<5	
	5/3/10	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/14/10	<b>22</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	1/11/11	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5	
	4/19/11	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5	
	7/28/11	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5	
	1/19/12	<b>84</b>	<5	<5	<b>6.6</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/27/12	<b>5.5</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/23/12	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/22/12	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<10	<5	
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	5/3/13	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/2/13	<b>12</b>	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/10/13	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	11/4/09	<b>190</b>	<5	<5	<b>7.7</b>	<5	<2	<50	<50	<5	<5	<5	<b>11</b>	<5	
	1/29/10	<b>180</b>	<5	<5	<b>5.4</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/3/10	<b>330</b>	<5	<5	<b>7</b>	<5	<2	<b>130</b>	<b>230</b>	<5	<5	<5	<10	<5	
	7/13/10	<b>97</b>	<5	<5	<b>5.2</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/8/10	<b>160</b>	<5	<5	<b>6.9</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/11/11	<b>190</b>	<5	<5	<b>6.2</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/11/11	<b>230</b>	<5	<5	<b>11</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	1/19/12	<b>350</b>	<5	<5	<b>19</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	4/27/12	<b>150</b>	<5	<5	<b>7.2</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/20/12	<b>110</b>	<5	<5	<b>5</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/30/12	<b>240</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/2/13	<b>220</b>	<5	<5	<b>9.1</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/10/13	<b>150</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	5/6/14	<b>40</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/17/14	<b>670</b>	<5	<5	<b>16</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Chloromethane	Chloroform	Trichlorofluoromethane	
		µg/L												
EW-V	8/7/09	<b>980</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<b>5.8</b>	<10	<5
	11/4/09	<b>470</b>	<5	<5	<b>7.4</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	4/20/11	<b>170</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/19/12	<b>160</b>	<5	<5	<b>32</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/27/12	<b>180</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/20/12	<b>140</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/30/12	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/14/13	<b>67</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/3/13	<b>96</b>	<5	<5	<b>7.5</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/3/13	<b>13</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	2/21/08	<b>280</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	6/18/08	<b>140</b>	<5	<5	<b>11</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	6/26/08	<b>180</b>	<5	<5	<b>21</b>	<5	<2	<50	<50	<5	<5	<b>13</b>	<10	<5
EW-A (Closed)	1/24/08	<b>180</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	6/26/08	<b>23</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<b>17</b>	<10	<5

Table 1b  
Extraction Well Analytical Summary  
Volatile Organic Compounds  
Former Silverstein's Cleaners Site

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Bromomethane	Chloroform	Chloromethane	Trichlorofluoromethane
		µg/L												
EW-S	8/7/09	<b>30</b>	<b>27</b>	<5	<b>100</b>	<5	<b>36</b>	<50	<50	<5	<5	<5	<10	<5
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	10/8/10	<b>130</b>	<5	<5	<b>9.0</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/11/11	<b>150</b>	<5	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/20/11	<b>120</b>	<5	<5	<b>9.5</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/19/12	<b>160</b>	<5	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/20/12	<b>160</b>	<5	<5	<b>10</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/30/12	<b>160</b>	<5	<5	<b>6.9</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	1/24/13	<b>92</b>	<5	<5	<b>7.7</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	10/10/13	<b>71</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/6/14	<b>79</b>	<5	<5	<b>12</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/15/14	<b>110</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	1/11/11	<b>8.4</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	5/3/13	<b>180</b>	<b>6.0</b>	<5	<b>10</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	7/2/13	<b>200</b>	<b>5.6</b>	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/10/13	<b>200</b>	<5	<5	<b>9.9</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/7/14	<b>79</b>	<5	<5	<b>7.6</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/15/14	<b>93</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
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	7/14/10	<b>11</b>	<b>6.1</b>	<5	<b>6.8</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5
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**Table 1b**  
**Extraction Well Analytical Summary**  
**Volatile Organic Compounds**  
**Former Silverstein's Cleaners Site**

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Acetone	2-Butanone	Bromoform	Chloromethane	Chloroform	Trichlorofluoromethane		
		µg/L													
EW-Q-R	1/14/13	<b>150</b>	<b>5.5</b>	<5	<b>8.2</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/2/13	<b>79</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/10/13	<b>93</b>	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/14/10	<b>53</b>	<b>23</b>	<5	<b>45</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	10/8/10	<b>96</b>	<b>17</b>	<5	<b>28</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	4/27/12	<b>84</b>	<b>12</b>	<5	<b>39</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/20/12	<b>79</b>	<b>22</b>	<5	<b>43</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	5/3/13	<b>23</b>	<5	<5	<b>13</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
	7/2/13	<b>28</b>	<b>5.6</b>	<5	<b>20</b>	<5	<2	<50	<50	<5	<5	<5	<10	<5	
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	7/3/13	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	10/18/13	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	5/7/14	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
	4/21/15	<5	<5	<5	<5	<5	<5	<2	<50	<50	<5	<5	<5	<10	<5
<b>Non-residential RRS</b>		<b>98</b>	<b>5.2</b>	<b>524</b>	<b>204</b>	<b>161</b>	<b>3.3</b>	<b>45,622</b>	<b>11,792</b>	<b>362</b>	<b>13</b>	<b>80</b>	<b>263</b>	<b>2,000</b>	

Notes:

Shaded cell indicates exceedance of non-residential RRS

\*\* - Indicates well that has been replaced or is no longer utilized.

Notations of Major Remedial Actions: Initial Excavation Feb. 10-17, 2003, Pump & Treat Pilot Test July & Aug. 2003

Pump & Treat System Startup Aug. 16, 2004. ISCO Pilot Tests Jan. 19-21, 2009 & Feb. 24-26, 2009

ISCO Treatment at Primary AOC, along Washington Rd. and around MW-27, Nov. 6-9, 2012

ISCO Treatment at Frohman Property, Oct. 28 - Nov. 1, 2013

ISCO Treatment at Primary AOC and along Washington Rd. Nov. 1- Nov. 20, 2013

ISCO Treatment at Primary AOC and Frohman Property, Jan. 8- Jan. 21, 2014

Pump & Treat System Shutdown April 2, 2014

ISCO Treatment at Select ISCO Wells, Jan. 26- Feb. 10, 2015

# Appendix A

## VRP Application Form and Checklist

# Voluntary Investigation and Remediation Plan Application Form and Checklist

## VRP APPLICANT INFORMATION

COMPANY NAME	BCRE Investments, LLC				
CONTACT PERSON/TITLE	Mr. Tommy Blanchard (c/o Mr. Darren Meadows, Hull Barrett, PC)				
ADDRESS	801 Broad Street, 7 <sup>th</sup> Floor, Augusta, Georgia 30901				
PHONE	706-828-2015	FAX	n/a	E-MAIL	dmeadows@hullbarrett.com

## GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP

NAME	Carrie L. Williams			GA PE/PG NUMBER	1780
COMPANY	American Environmental & Construction Services, Inc. (AECS)				
ADDRESS	1170 Tidwell Road, Alpharetta, Georgia 30004				
PHONE	404-803-2093	FAX	n/a	E-MAIL	clwilli@gmail.com

## APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

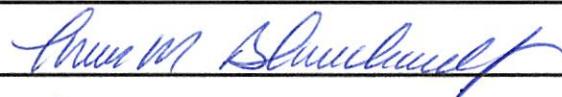
- (1) The property must have a release of regulated substances into the environment;
- (2) The property shall not be:
  - (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
  - (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
  - (C) A facility required to have a permit under Code Section 12-8-66.
- (3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
- (4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:

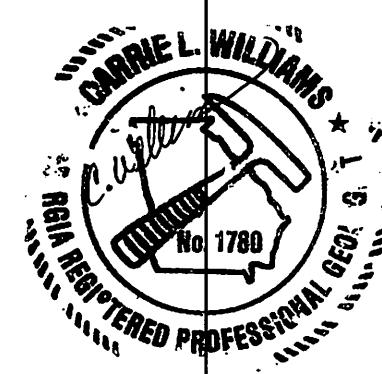
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE			
APPLICANT'S NAME/TITLE (PRINT)	Thomas M. Blanchard, Jr., Manager	DATE	12/10/15

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10517	Date HSI Site listed	3/24/2003
HSI Facility Name	Silverstein's Cleaners	NAICS CODE	n/a
PROPERTY INFORMATION			
TAX PARCEL ID	013-0-25-01-0	PROPERTY SIZE (ACRES)	2.65
PROPERTY ADDRESS	2716 Washington Road		
CITY	Augusta	COUNTY	Richmond
STATE	Georgia	ZIPCODE	30909
LATITUDE (decimal format)	33° 30' 29" N	LONGITUDE	82° 01' 27" W
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	BCRE Investments, LLC.	PHONE #	706-828-2015
MAILING ADDRESS	c/o Darren Meadows, Hull Barrett, PC, 801 Broad Street, 7 <sup>th</sup> Floor		
CITY	Augusta	STATE/ZIPCODE	Georgia, 30901
ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Check Date: Check No:	
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.	Appendix B	
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix B	
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	n/a	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan	Appendix D	

	<p>during the preceding period. A Gantt chart format is preferred for the milestone schedule.</p> <p>The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:</p>		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Appendix D	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Appendix D	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Appendix D	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Appendix D	
6.	<p><b>SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:</b></p> <p>"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.</p> <p>Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.</p> <p>The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p> <p><i>Carrie Williams PG#1780</i></p> <p>Printed Name and GA PE/PG Number</p> <p><i>C. Williams</i></p> <p>Signature and Stamp</p>		

**ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)**

<b>PROPERTY INFORMATION</b>			
TAX PARCEL ID	019-0-004-00-0	PROPERTY SIZE (ACRES)	8.89
PROPERTY ADDRESS	319 Heath Drive		
CITY	Augusta	COUNTY	Richmond
STATE	Georgia	ZIPCODE	30904
LATITUDE	33 30 26" N	LONGITUDE	82 01 28" W
<b>PROPERTY OWNER INFORMATION</b>			
PROPERTY OWNER(S)	Berckman Residential Properties, LLC	PHONE # - 706-828-2015	
MAILING ADDRESS	c/o Darren Meadows, Hull Barrett, PC, 801 Broad Street, 7 <sup>th</sup> Floor		
CITY	Augusta	STATE/ZIPCODE	Georgia, 30901

<b>PROPERTY INFORMATION</b>			
TAX PARCEL ID	019-0-024-00-0	PROPERTY SIZE (ACRES)	9.9
PROPERTY ADDRESS	313 Berckmans Road		
CITY	Augusta	COUNTY	Richmond
STATE	Georgia	ZIPCODE	30904
LATITUDE	33 30 20"N	LONGITUDE	82 01 34" W
<b>PROPERTY OWNER INFORMATION</b>			
PROPERTY OWNER(S)	Berckman Residential Properties, LLC	PHONE #	
MAILING ADDRESS	c/o Darren Meadows, Hull Barrett, PC, 801 Broad Street, 7 <sup>th</sup> Floor		
CITY	Augusta	STATE/ZIPCODE	Georgia, 30901

<b>PROPERTY INFORMATION</b>			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE		LONGITUDE	
<b>PROPERTY OWNER INFORMATION</b>			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

# Appendix B

## Tax Plat and

## Warranty Deeds

**VRP APPLICATION  
BCRE INVESTMENTS, LLC  
FORMER SILVERSTEIN CLEANERS SITE  
2704-2716 WASHINGTON ROAD, AUGUSTA, GEORGIA**

**APPENDIX B**

This VRP application covers properties which comprise portions of three (3) separate Augusta-Richmond County tax parcels as of the date of this application, as follows:

**(1) ARC Tax Parcel 013-0-025-01-0**

This parcel was the location of Silverstein Cleaners, the source of the release.

Owner: BCRE Investments, LLC

Deed Reference: Book 674, page 2422, dated January 5, 2000

**(2) ARC Tax Parcel 019-0-004-00-0**

Several smaller parcels were recently consolidated into this larger parcel on the ARC tax map, as all are now owned by the same party. The area of this tax parcel actually affected by the release is limited to the eastern one-third of the parcel, based upon current data. Future reports will document the exact area affected.

Owner: Berckman Residential Properties, LLC, successor by merger to Berckman Corner, LLC\*

Deed Reference: Book 743. Page 1545 (portions)

**(3) ARC Tax Parcel 019-0-024-00-0**

Several smaller parcels were recently consolidated into this larger parcel on the ARC tax map, as all are owned by the same party. The area of this tax parcel actually affected by the release is limited to the north-eastern corner of the parcel. The properties comprising this tax parcel were previously more than twenty (20) small residential lots, acquired over several years by the Owner. We have identified the portions potentially affected by the release based upon current data. The deed references for those parcels are provided below and are included in the attachments. Future reports will document the exact area affected.

Owner: Berckman Residential Properties, LLC, successor by merger to Berckman Corner, LLC\*

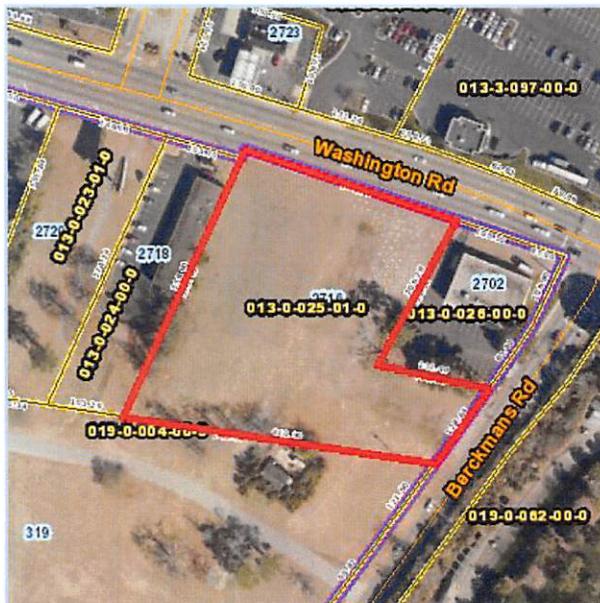
Deed References: Listed by former street address and Lot # on original Plat of Berckman Heights Subdivision, a copy of which is attached

301 Berckman Road	Lot 6	Book 791, page 142
306 Heath Drive	Lot 7	Book 791, page 142
308 Heath Drive	Lot 8	Book 743, page 1552
310 Heath Drive	Lot 9	Book 743, page 1552
311 Berckman Road	Lot 5	Book 743, page 1552

\* Original deeds listed Berckman Corner, LLC as Grantee. Berckman Corner, LLC merged with and into Berckman Residential Properties, LLC effective February 2, 2015. Copy of Affidavit of Merger recorded at Book 1476, page 1147 attached.

All references are to Augusta-Richmond County Clerk of Superior Court real estate records.

Parcel ID		Property Address	City, State Zip
013-0-025-01-0		2716 Washington Rd	AUGUSTA, GA 30909



Owner Information	
Owner Name	BCRE INVESTMENTS LLC
Mailing Address	2604 WASHINGTON RD
City, State Zip	AUGUSTA, GA 30904

Mobile  
Maps and  
Information



*Augusta*  
GEORGIA

*Disclaimer:* By using this website the User shall constitute an agreement to release Augusta, GA, and all the aforementioned parties in original disclaimer agreed on at entry to the website, of any such liability. For Zoning verification including special exceptions contact the Planning & Development Department at 706-821-1796.

Parcel Information							
Tax District	Tax Year	Millage Rate	Prop Type Desc	Homestead Exemption		Acres	Vacant
02 County	2015	0.000000	C4-COMMERCIAL	No		2.65	Yes
Tax Neighborhood		Subdivision		Phase	Section	Block	Lot
50C010 WASHINGTON RD							

Water	Sewer	Electric	Gas	Topography	Drainage	Road Class	Parcel Road Access
Public	Public Sewer	Electricity	Pipe Gas	Rolling	Good	County	Paved

Community Information - Dial 311 for Augusta Information and Services			
Commissioner District	Super Commissioner District	School District	Super School District
7 Sean Frantom	10 Grady Smith	7 Frank Dolan	10 Helen Minchew
Solid Waste Hauler	Solid Waste Service Day	Solid Waste Fee	
Advanced Disposal	Thur	310.50 Contact (706) 592-3200	
Street Sweeping Week	Street Light Fee	Non-Emergency Police	
N/A	25.20 Contact (706) 821-1829	(706) 821-1080	

2015 Tax Year Value Information				
Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$933,200	\$0		\$933,200	\$933,200

Land Information				
Value	Description	Calculation Method	Size	
\$837,200	C010 -CBR0 -SF	Square Foot	SqFt: 59800 Acres: 1.37	
\$96,000	C010 -CGB1 -AC	Acre	1.28 Acres	

Sales Information						
Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
4/17/2001	738 1529		\$0	Additional Reference - No Transfer or PT	BCRE INVESTMENTS LLC	AUGUSTA
1/5/2000	674 2422	672 1921	\$0	Additional Reference - No Transfer or PT	EDWARDS, C W JR	BCRE INVESTMENTS LLC
1/5/2000	672 1925	672 1921	\$1,100,000	Fair Market Value	EDWARDS, C W JR	BCRE INVESTMENTS LLC
11/5/1999	A1 8069		\$0	Non-Market	EDWARDS C W JR	EDWARDS C W JR
	137 2150		\$0	Non-Market		

Book 00674:2422 Clerk of Superior Court, Richmond Cou

2000002775 01/31/2000 10:43:33.00

\$0.00 WARRANTY DEED



2000002775 Clerk of Superior Court, Richmond County

Book 00672:1925 Clerk of Superior Court, Richmond Cou

2000000466 01/06/2000 08:45:41.00

\$1116.00 WARRANTY DEED



2000000466 Clerk of Superior Court, Richmond County

Transfer Tax: \$1100.00

PLEASE RETURN TO:

J. Noel Schweers III  
Hull, Towill, Norman, Barrett & Salley, P.C.  
P. O. Box 1564  
Augusta, GA 30903

STATE OF GEORGIA

COUNTY OF RICHMOND

LIMITED WARRANTY DEED

THIS INDENTURE, made as of the 5th day of January, 2000, between C. W. EDWARDS, JR., called party of the first part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits, and BCRE INVESTMENTS, LLC, a Georgia limited liability company, called party of the second part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits.

WITNESSETH:

THAT the said party of the first part, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00), and other good and valuable consideration, in hand well and truly paid by the said party of the second part, the receipt and adequacy of which are hereby acknowledged, has bargained, granted, sold, aliened, conveyed, and confirmed, and by these presents does bargain, sell, alien, convey and confirm unto the said party of the second part, all that tract or parcel of land situate, lying and being in Augusta, Richmond County, Georgia, and being more particularly described on Exhibit "A" attached hereto and by reference made a part hereof.

\*Clerk's Note: ReRecord to show PLAT Recording

Book 00674:2423 Augusta-Richmond County  
2000002775 01/31/2000 10:43:33.00

Book 00672:1926 Augusta-Richmond County  
2000000466 01/06/2000 08:45:41.00

TOGETHER WITH, all and singular, the rights, ways, easements, members, privileges and appurtenances to the said property, being, belonging, or in anyway appertaining, and the rents, reversions, issues and profits thereof and of every part thereof.

TO HAVE AND TO HOLD said property, and all and singular said rights and privileges, unto the said party of the second part, in fee simple, forever, subject only to those matters described on Exhibit "B" attached hereto and by reference made a part hereof (the "Permitted Exceptions").

AND the said party of the first part, for himself and his heirs and assigns, will warrant and forever defend the right and title to the above-described property, unto the said party of the second part, its successors and assigns, against the claims of all persons owning, holding or claiming by, through or under the said party of the first part, subject only to the Permitted Exceptions.

IN WITNESS WHEREOF, the party of the first part has set his hand and seal the day and year first above written.

Signed, sealed and delivered in our presence  
in Richmond County, Georgia

Witness

C. W. Edwards, Jr. (L.S.)

C. W. EDWARDS, JR.

Notary Public, Richmond County, Georgia

My commission expires: 8-25-2000

(SEAL)



EXHIBIT "A"

ALL that lot or parcel of land, with any improvements thereon, situate, lying and being in the 90TH G.M. District of Augusta, Richmond County, Georgia, and being shown and designated as "2.65 ACRES" on that certain plat dated December 28, 1999, prepared for BC&RE Investments, LLC, a Georgia Limited Liability Company, by Cranston, Robertson & Whitehurst, P.C. and recorded simultaneously herewith in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 672, pages 121-124. Reference is hereby made to said plats for a more complete and accurate description as to the metes, bounds and location of said property.

EXHIBIT "B"

*Permitted Exceptions*

1. Taxes for the year 2000, and all subsequent years.
2. Lease dated August 1, 1989, in favor of The Lamar Corporation, a copy of which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 319, page 483.
3. Right-of-way in favor of State Highway Department of Georgia, as evidenced by Judgment of Court entered in State Highway Department of Georgia v. C. W. Edwards, et al., Docket No. 5461-A, Superior Court of Richmond County, Georgia, which is recorded in Realty Book 23R, page 313, in said Clerk's Office.
4. Undated Right of Way Deed in favor of State Highway Department of Georgia which was recorded in Realty Book 24K, pages 35-37, in said Clerk's Office.
5. Easement dated October 30, 1957, in favor of Georgia Power Company which is recorded in Realty Book 24W, page 31, in said Clerk's Office.
6. Easement dated December 5, 1960, in favor of Georgia Power Company which is recorded in Realty Book 27H, page 233, in said Clerk's Office.
7. Easement dated May 3, 1965, in favor of Georgia Power Company which is recorded in Realty Book 31P, page 944, in said Clerk's Office.
8. Easement dated October 29, 1947, in favor of Georgia Power Company which is recorded in Realty Book 16N, page 285, in said Clerk's Office.
9. Drainage rights conveyed by Right of Way Deed dated April 27, 1950, in favor of the State Highway Department of Georgia which is recorded in Realty Book 17S, page 478, in said Clerk's Office.
10. Rights of tenants in possession under unrecorded leases.

Book 00672:1925 Clerk of Superior Court, Richmond Cou  
2000000466 01/06/2000 08:45:41.00

\$1116.00 WARRANTY DEED



2000000466 Clerk of Superior Court, Richmond County  
Transfer Tax: \$1100.00

PLEASE RETURN TO:

J. Noel Schweers III  
Hull, Towill, Norman, Barrett & Salley, P.C.  
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WITNESSETH:

THAT the said party of the first part, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00), and other good and valuable consideration, in hand well and truly paid by the said party of the second part, the receipt and adequacy of which are hereby acknowledged, has bargained, granted, sold, aliened, conveyed, and confirmed, and by these presents does bargain, sell, alien, convey and confirm unto the said party of the second part, all that tract or parcel of land situate, lying and being in Augusta, Richmond County, Georgia, and being more particularly described on Exhibit "A" attached hereto and by reference made a part hereof.

TOGETHER WITH, all and singular, the rights, ways, easements, members, privileges and appurtenances to the said property, being, belonging, or in anyway appertaining, and the rents, reversions, issues and profits thereof and of every part thereof.

TO HAVE AND TO HOLD said property, and all and singular said rights and privileges, unto the said party of the second part, in fee simple, forever, subject only to those matters described on Exhibit "B" attached hereto and by reference made a part hereof (the "Permitted Exceptions").

AND the said party of the first part, for himself and his heirs and assigns, will warrant and forever defend the right and title to the above-described property, unto the said party of the second part, its successors and assigns, against the claims of all persons owning, holding or claiming by, through or under the said party of the first part, subject only to the Permitted Exceptions.

IN WITNESS WHEREOF, the party of the first part has set his hand and seal the day and year first above written.

Signed, sealed and delivered in our presence  
in Richmond County, Georgia

R. Lelekh

(Witness)

C. W. Edwards, Jr. (I.S.)

C. W. EDWARDS, JR.

**Notary Public, Richmond County, Georgia**

**My commission expires:** 8-25-2000

(SEAL)

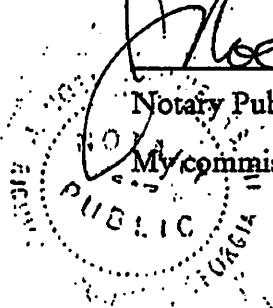


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6. Easement dated December 5, 1960, in favor of Georgia Power Company which is recorded in Realty Book 27H, page 233, in said Clerk's Office.
7. Easement dated May 3, 1965, in favor of Georgia Power Company which is recorded in Realty Book 31P, page 944, in said Clerk's Office.
8. Easement dated October 29, 1947, in favor of Georgia Power Company which is recorded in Realty Book 16N, page 285, in said Clerk's Office.
9. Drainage rights conveyed by Right of Way Deed dated April 27, 1950, in favor of the State Highway Department of Georgia which is recorded in Realty Book 17S, page 478, in said Clerk's Office.
10. Rights of tenants in possession under unrecorded leases.

FLOOD NOTE:

ACCORDING TO THE OFFICIAL F.I.A. FLOOD HAZARD MAPS,  
THIS LOT IS NOT IN A DESIGNATED 100 YEAR FLOOD PLAIN.

FILED IN FLAT CABINET B  
SLDR 68 PLAT N

P L A

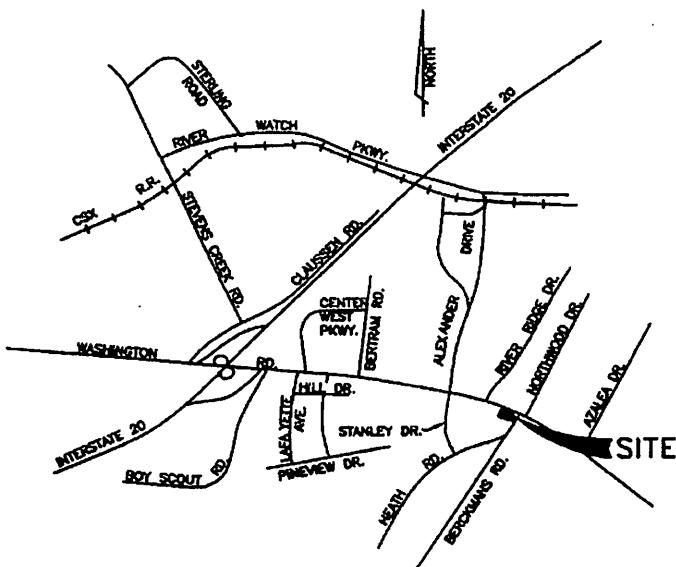
F O R

# BCRE Investi a Georgia limited

P R O P E R T Y      L O C A T E D      I N

AUGUSTA,

DECEMBER 2



LOCATION MAP

NOT TO SCALE

P R E P A R E

Cranston, Robertson



452 ELLIS STREET - P.O. DRAWER 254  
ENGINEERS - PLANNER:  
(706) 722-1.



Book 00672 1922 Augusta-Richmond County  
2000000465 01/06/2000 08:45:40.00

L A T

F O R

# stments, LLC, 1 liability company

I N            T H E            9 0 t h .            G. M. D.

## GEORGIA

ER 28, 1999

Elaine C. Johnson, Richmond County Clerk of Superior Court

HULL BARRETT PC, Debbie, 12/11/2015 15:25:48

### LEGEND

ICV - IRRIGATION CONTROL VALVE	RW - RETAINING WALL
EJB - ELECTRICAL JUNCTION BOX	CC - CONCRETE CURB
CO - CLEAN OUT	C - CONCRETE
PP - POWER POLE	C & G - CURB & GUTTER
TP - TELEPHONE PEDESTAL	S - SIGN
GP - GUY POLE	GM - GAS METER
SP - SERVICE POLE	WGP - WOODEN GUARD POST
LP - LIGHT POLE	RF - REBAR FOUND
GW - GUY WIRE	RS - REBAR SET
GV - GATE VALVE	OTF - OPEN TOP IRON FOUND
MW - MONITORING WELL	DI - DROP INLET
WF - WATER FAUCET	WM - WATER METER
H - HACKBERRY	MGP - METAL GUARD POST
O - OAK	HBT - HOOD BACK TRAP
P - PINE	RCP - REINFORCED CONCRETE PIPE
RT - REDTIP	

### REFERENCES:

1. PLAT FOR W. H. SMITH & J. DAN SMITH BY BALDWIN & CRANSTON ASSOC., INC. DATED OCT. 4, 1974 & LAST REVISED OCT. 9, 1974 & RECORDED IN REALTY REEL 246, PAGE #1235.
2. DEED TO GEORGIA D.O.T. RECORDED IN REALTY REEL 314, PAGE #1970.
3. TOPOGRAPHIC MAP & WELL LOCATIONS FOR GANNETT FLEMING, INC. BY CRANSTON, ROBERTSON & WHITEHURST, P.C. DATED OCTOBER 19, 1999.

PREPARED BY

J. son & Whitehurst, P.C.

DRAWER 2546 - AUGUSTA, GEORGIA 30903  
PLANNERS - SURVEYORS  
(706) 722-1588



### TECHNICAL DATA:

DATE OF SURVEY - OCTOBER & DECEMBER, 1999  
EQUIPMENT USED - THEODOLITE & E.D.M.  
ANGULAR ERROR - 15'/ANGLE  
ERROR OF CLOSURE - 1 IN 10,215  
COMPASS ADJUSTMENT  
PLAT CLOSURE - 1 IN 188,965

### APPROVED SUBDIVISION

Date: 1/4/2000  
George A. Patty, Jr.

BY AUTHORITY OF AUGUSTA-RICHMOND  
COUNTY PLANNING COMMISSION

*Existing lot*





Parcel ID		Property Address	City, State Zip
019-0-004-00-0		319 Heath Dr	AUGUSTA, GA 30909



Owner Information	
Owner Name	BERCKMAN RESIDENTIAL PROPERTIES LLC
Mailing Address	2604 WASHINGTON RD
City, State	AUGUSTA, GA 30904
Zip	



Mobile  
Maps and  
Information



*Disclaimer:* By using this website the User shall constitute an agreement to release Augusta, GA, and all the aforementioned parties in original disclaimer agreed on at entry to the website, of any such liability. For Zoning verification including special exceptions contact the Planning & Development Department at 706-821-1796.

Parcel Information							
Tax District	Tax Year	Millage Rate	Prop Type Desc	Homestead Exemption		Acres	Vacant
02 County	2015	0.000000	R4-RESIDENTIAL	No		8.89	Yes
Tax Neighborhood		Subdivision			Phase	Section	Block
460432 WESLYN (6)		WASHINGTON GARDENS					00010
Water	Sewer	Electric	Gas	Topography	Drainage	Road Class	Parcel Road Access
Public	Public Sewer	Electricity	Tank Gas	Rolling	Good	County	Paved

Community Information - Dial 311 for Augusta Information and Services					
Commissioner District	Super Commissioner District	School District	Super School District		
7 Sean Frantom	10 Grady Smith	7 Frank Dolan	10 Helen Minchew		
Solid Waste Hauler		Solid Waste Service Day			
Advanced Disposal		Thur			
Street Sweeping Week		Street Light Fee			
N/A		0.00 Contact (706) 821-1829			
Non-Emergency Police					
(706) 821-1080					

2015 Tax Year Value Information				
Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$2,085,127	\$0	\$7,638	\$2,092,765	\$2,092,765

Land Information				
Value	Description	Calculation Method	Size	
\$46,400	0432-R00-AC	Acre	4.64 Acres	
\$2,406,690	0430-R00-SF	Square Foot	SqFt: 185130 Acres: 4.25	

Accessory Information						
Description		Year Built	Dimensions/Units		Value	Photo
GARAGE FRAME		1946	24 X 32 0		\$7,638	<a href="#">Photo</a>
Sales Information						
Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
2/2/2015	1476 1147		\$0	Affidavit	BERCKMAN CORNER LLC	BERCKMAN RESIDENTIAL PROPERTIES LLC
8/10/2001	743 1545	647 1296	\$3,545,881	Non Fair Market Value	KNOX DEVELOPMENT CORPORATION	BERCKMAN CORNER LLC
4/17/2001	738 1531		\$0	Additional Reference - No Transfer or PT	KNOX DEVELOPMENT CORP	AUGUSTA
6/17/1999	647 1298  28N 157	1	\$1,700,000	Fair Market Value	SMITH, JOSEPH DANIEL	.KNOX DEVELOPMENT CO
			\$0	Non-Market		

TOGETHER WITH, all and singular, the rights, ways, easements, members, privileges and appurtenances to the said property, being, belonging, or in any way appertaining, and the rents, reversions, issues and profits thereof, and of every part thereof.

SAID PROPERTY is conveyed subject to all easements and restrictions of record and the rights of tenants in possession under unrecorded leases.

TO HAVE AND TO HOLD said property, and all and singular said rights and privileges, unto the said party of the second part, in fee simple, forever.

AND the said party of the first part shall and will warrant and forever defend by virtue of these presents, the said bargained premises unto the said party of the second part against said party of the first part, and all and every other person or persons.

IN WITNESS WHEREOF, the said party of the first part has caused this instrument to be executed by its duly authorized officer who has affixed it corporate seal as of the day and year first above written.

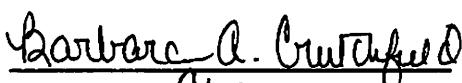
Signed, sealed and delivered in our presence      **Knox Development Corporation**  
in McDuffie County, Georgia

By:



Witness

Boone A. Knox  
As its: President



Notary Public, Glascock County,  
Georgia

My commission expires:

Notary Public, Glascock County, Georgia  
My Commission Expires June 22, 2003

(SEAL)

(CORPORATE SEAL)



Exhibit "A"

2740 Washington Road

NOT part  
of site

ALL that parcel, piece or tract of land, situate, lying and being in Richmond County, Georgia, being more particularly described on that certain plat dated May 12, 2001, prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C., and recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 740, pages 1751-1752. Reference being made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

207 Berckman Road

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in Richmond County, Georgia, having a frontage of 121.6 feet on the West side of Berckman Road, between Washington Road and Heath Drive, and extending back on its Northern boundary a distance of 142.91 feet and its Southern boundary line a distance of 125.1 feet, with a rear width of 53.64 feet, and being made up of portions of Lots 7 and 8, as shown on a plat made by Walton Flythe, C.E., dated December 1, 1950 which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Book 18-A, page 5. A more recent plat of said property dated March 20, 1978 and prepared by Ayer, Barker, Graham & Associates, Inc., is recorded in said Clerk's Office in Realty Reel 91, page 1860. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

209 Berckman Road

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in the 90th G. M. District of Richmond County, Georgia, being shown and described as "PARCEL 7 0.92 Ac." on that certain plat dated October 27, 1997, prepared for Berckman Green, LLC by H. Lawson Graham & Associates, Inc. and recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 576, page 1784. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

Smith Property

ALL those two tracts or parcels of land situate, lying and being in Augusta-Richmond County, Georgia, one fronting on the west side of Berckmans Road and the north side of Heath

E portion  
of this property

Drive, and the other fronting on the south side of Washington Road, being shown and designated as "Tract D 7.744 Ac." and "Tract C 1.182 Ac." on a plat prepared for Blanchard & Calhoun Commercial Corporation by Cranston, Robertson & Whitehurst, P.C. dated May 22, 1998, and recorded in the office of the Clerk of the Superior Court for Richmond County in Realty Reel 647 at page 1296-1297. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

Filed in this office:  
Augusta - Richmond County  
08/10/2001 14:04:05.01  
Elaine C. Johnson

---

rents, issues and profits thereof and every part thereof.

TO HAVE AND TO HOLD, the said lots of land and premises aforesaid, and every part thereof, to the said party of the second part, her heirs and assigns, in fee simple, forever.

And the said party of the first part, and his heirs, executors and administrators, shall and will warrant and forever defend the said lots above described and every part thereof, unto the said party of the second part, her heirs, legal representatives and assigns, against him, the said party of the first part, and his heirs, executors and administrators, and against the claims of all other persons whomsoever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set his hand and seal the day and year above written.

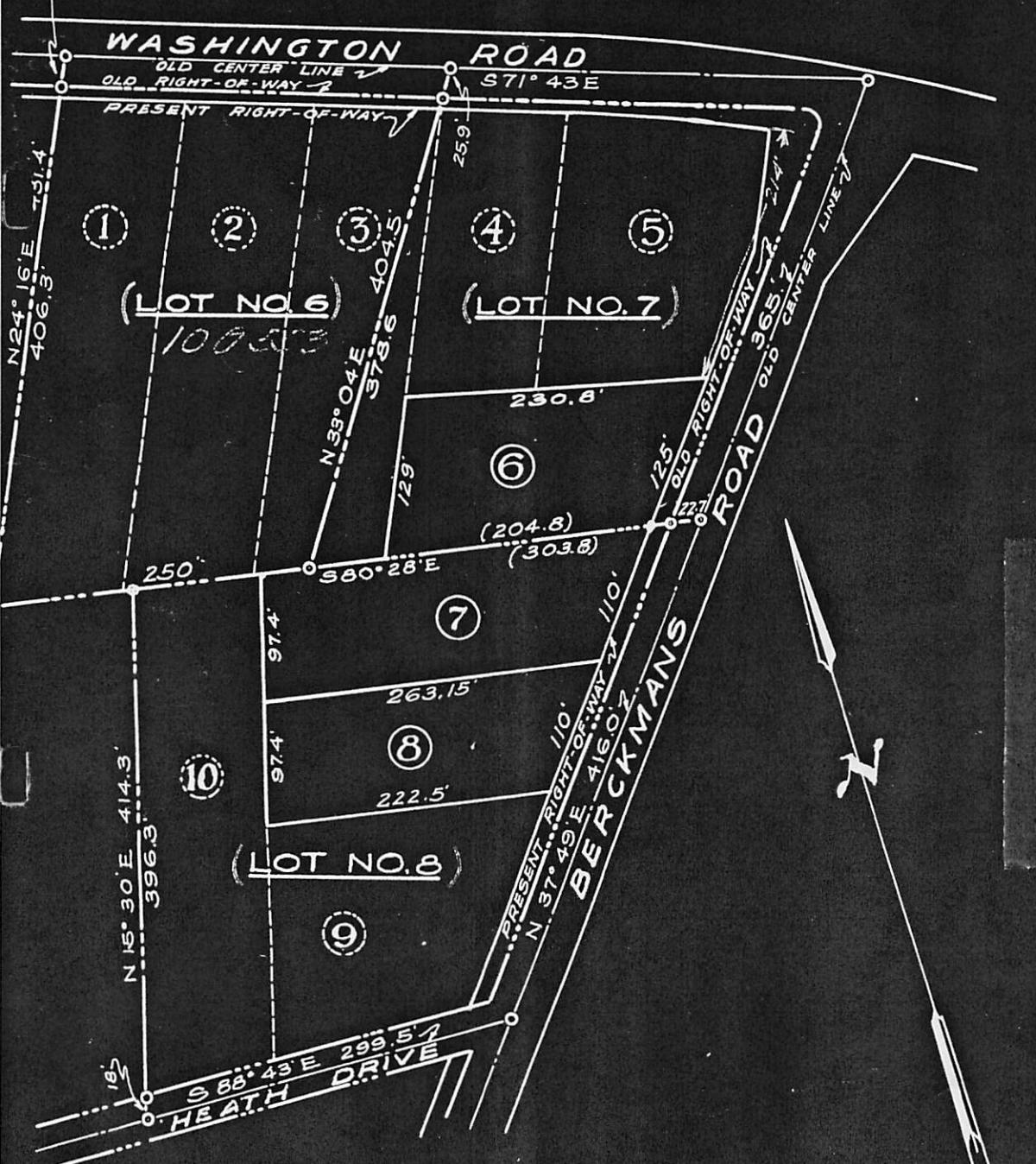
Signed, sealed and delivered,  
in the presence of:

Ralph Stevens  
Rodney S. Cohen  
Notary Public, Richmond Co., Ga.  
(NOTARIAL SEAL RODNEY S. COHEN)

Cyrus W. Edwards, Sr. (L.S.)

(DOCUMENTARY STAMPS \$4.40)  
(C A N C E L L E D )

431.4



Property Surveyed for  
A. HARRY ANTROPOLOFSKY  
1269 GMD. RICHMOND COUNTY GEORGIA

Scale: 1"-100' Dec. 1st, 1950

Walton Flythe, C.E.

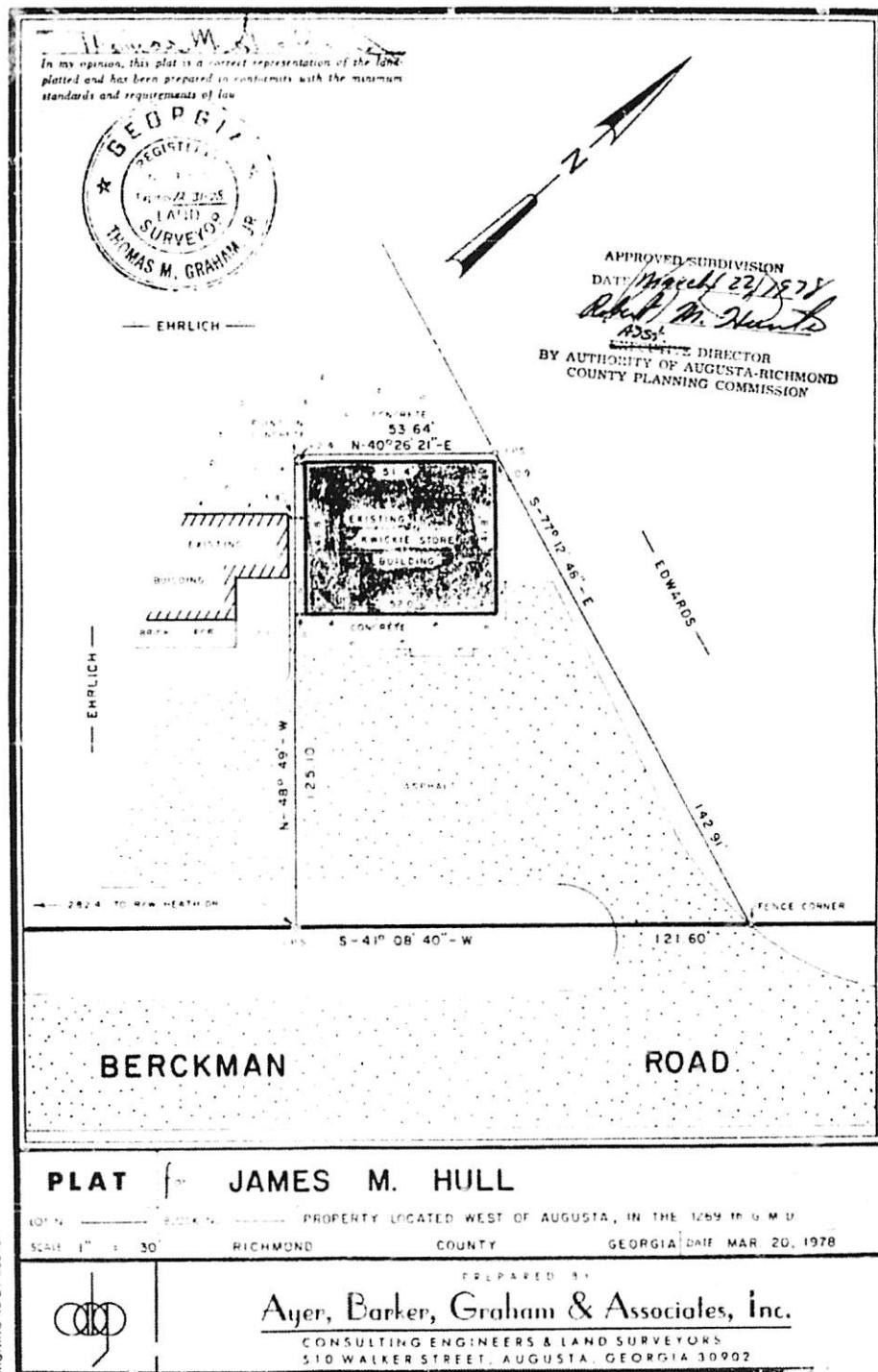
eeom

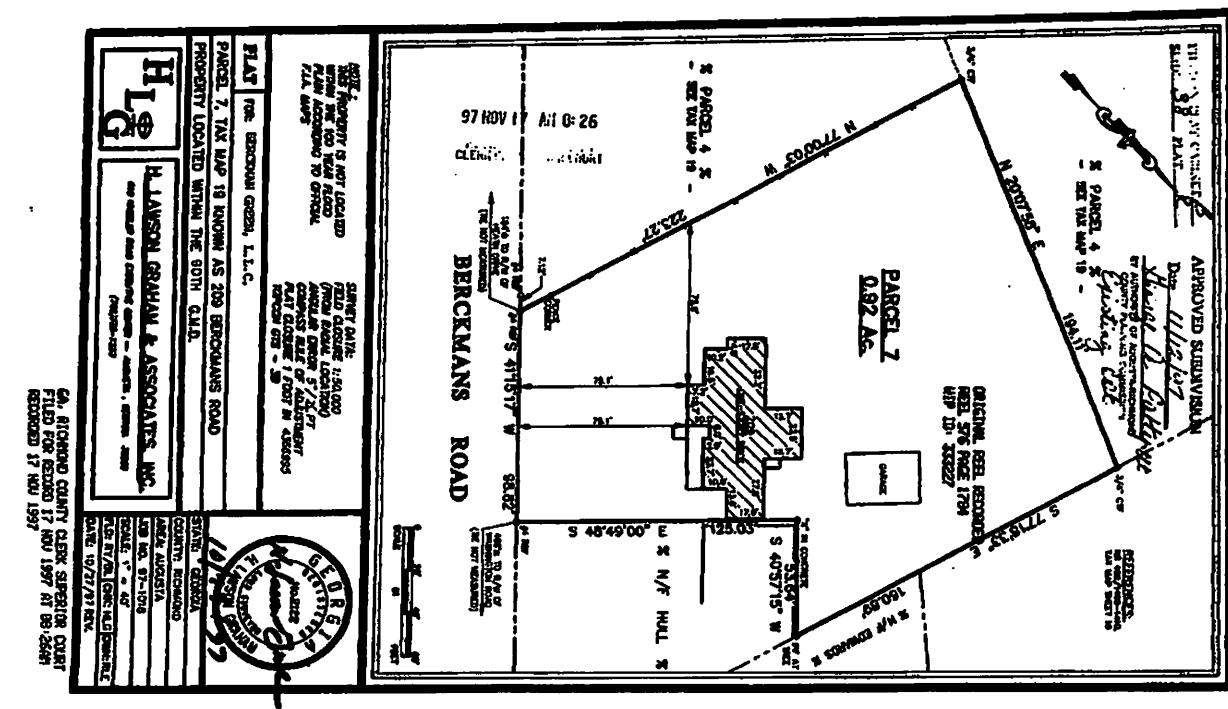
Filed for record December 5, 1950 at 2:15 P. M. recorded December 7, 1950

18-A/5

1860

REALTY  
REEL  
NO. 91





EEB 647 PAGE 123

DATE OF SURVEY - APRIL 26, 1998  
DEPARTMENT OF SURVEY - EQUINOX LTD.  
ANGLEULAR ERROR - 11"/ANGLE  
ERROR OF CLOSURE - 1 IN 25,930  
CORPUS CALLOSUM  
PLAT CLOSURE - 1 IN 194,293

296

Reel 647 Page 1297  
REC'D 647 PAGE 1297

PLAT FOR

Blanchard & Calhoun  
Commercial Corporation

LOCATED IN THE 900A. G.M.D.

AUGUSTA, RICHMOND COUNTY, GEORGIA

SCALE: 1" = 100' MAY 22, 1998

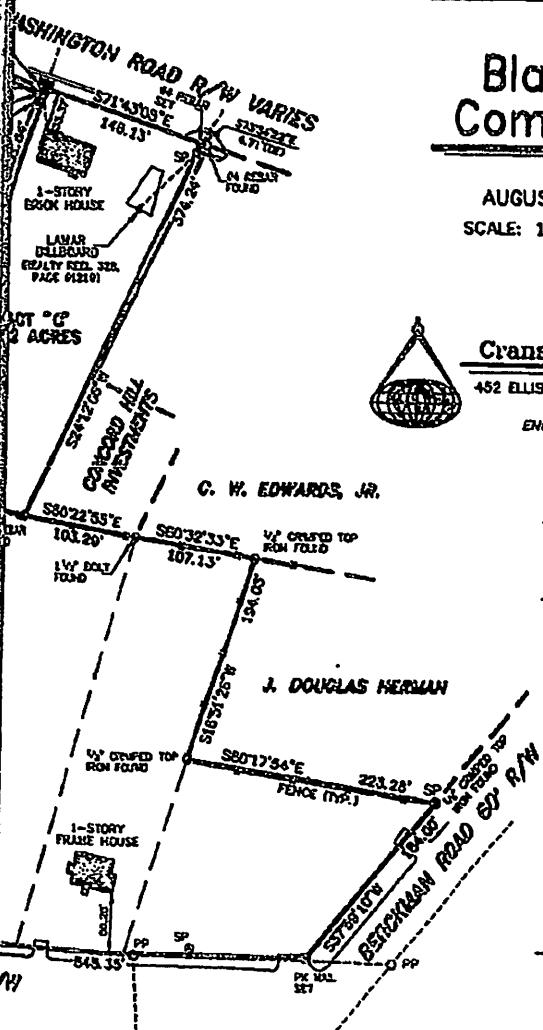
100 50 0 100 200  
SCALE IN FEET

PREPARED BY

Cranston, Robertson & Whitehurst, P.C.

452 ELLIS STREET - P.O. DRAWER 2546 - AUGUSTA, GA. 30903  
TELEPHONE: (706) 722-1583

ENGINEERS - PLANNERS - SURVEYORS



FLOOD NOTE:

ACCORDING TO THE OFFICIAL F.L.A. FLOOD HAZARD MAPS,  
THIS LOT IS NOT IN A DESIGNATED 100 YEAR FLOOD PLAIN.

REFERENCES:

1. PLAT FOR W. H. SMITH & J. DAN SMITH BY BALDWIN & CRANSTON ASSOC., INC. DATED OCT. 4, 1974 & LAST REVISED OCT. 9, 1974 & RECORDED IN REALTY REEL 246, PAGE #1235.
2. DEED TO GEORGIA D.O.T. RECORDED IN REALTY REEL 314, PAGE #1870.

EXISTING  
ELEVATED ELEVATION

6-17-99  
by APW  
RECEIVED  
RICHMOND COUNTY CLERK'S OFFICE  
JUN 17 1999



RICHMOND COUNTY CLERK'S OFFICE  
REC'D 647 PAGE 1297  
JUN 17 1999 4:36 PM

Parcel ID		Property Address	City, State Zip
019-0-024-00-0		313 Berckmans Rd	AUGUSTA, GA 30909



Owner Information	
Owner Name	BERCKMAN RESIDENTIAL PROPERTIES LLC
Mailing Address	2604 WASHINGTON RD
City, State Zip	AUGUSTA, GA 30904



Mobile  
Maps and  
Information



*Disclaimer:* By using this website the User shall constitute an agreement to release Augusta, GA, and all the aforementioned parties in original disclaimer agreed on at entry to the website, of any such liability. For Zoning verification including special exceptions contact the Planning & Development Department at 706-821-1796.

Parcel Information							
Tax District	Tax Year	Millage Rate	Prop Type Desc	Homestead Exemption		Acres	Vacant
02 County	2015	0.000000	R3-RESIDENTIAL	No		9.90	Yes
Tax Neighborhood		Subdivision		Phase	Section	Block	Lot
460401 BERKMN HEIGHT (1)		BERCKMAN HEIGHTS				000A	00004
Water	Sewer	Electric	Gas	Topography	Drainage	Road Class	Parcel Road Access
Public	Septic Tank	Electricity	Tank Gas	Rolling	Good	County	Paved

Community Information - Dial 311 for Augusta Information and Services				
Commissioner District	Super Commissioner District	School District	Super School District	
7 Sean Frantom	10 Grady Smith	7 Frank Dolan	10 Helen Minchew	
Solid Waste Hauler		Solid Waste Service Day		Solid Waste Fee
Advanced Disposal		Thur		0.00 Contact (706) 592-3200
Street Sweeping Week		Street Light Fee		Non-Emergency Police
N/A		0.00 Contact (706) 821-1829		(706) 821-1080

2015 Tax Year Value Information				
Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$4,765,246	\$0		\$4,765,246	\$4,765,246

Land Information			
Value	Description	Calculation Method	Size
\$5,606,172	0401 -R00 -SF	Square Foot	SqFt: 431244 Acres: 9.9

**Sales Information**

<b>Sale Date</b>	<b>Deed Book</b>	<b>Plat Page</b>	<b>Price</b>	<b>Reason</b>	<b>Grantor</b>	<b>Grantee</b>
11/21/2007	1153 212	3 433	\$2,250,000	Neighbors/Adjoining Owners	MCDONOUGH MARGARET L	BERCKMAN RESIDENTIAL PROPERTIES LLC
10/26/1993	447 2364		\$51,700	Fair Market Value	THWEATT, DORIS H	MCDONOUGH, MARGARET
11/24/1992	410 1576		\$0	Gift - Love and Affection	HARDY, JOHN C	THWEATT, DORIS H
	19D 530		\$0	Non-Market		

Book 00791:0142 Augusta - Richmond County  
2002016700 05242002 0921:12:00  
\$914.00 WARRANTY DEED  
2002016700 Augusta - Richmond County  
Transfer Tax \$900.00

PLEASE RETURN TO: J. Noel Schuermann III  
Hull, Towill, Norman, Barrett & Salley, P.C.  
P. O. Box 1564  
Augusta, GA 30903

STATE OF GEORGIA | WARRANTY DEED  
COUNTY OF RICHMOND |

THIS INDENTURE, made and entered into this 24 day of May, 2002 by and between KNOX DEVELOPMENT CORPORATION, a Georgia corporation, hereinafter called party of the first part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits, and BERCKMAN RESIDENTIAL PROPERTIES, LLC, a Georgia limited liability company, hereinafter called party of the second part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits.

WITNESSETH:

THAT the said party of the first part, for and in consideration of TEN AND NO/100 DOLLARS (\$10.00), and other good and valuable consideration by the said party of the second part, the receipt and adequacy of which are hereby acknowledged, has bargained, granted, sold, alined, conveyed and confirmed, and by these presents does bargain, grant, sell, alien, convey and confirm unto the said party of the second part, the property described on Exhibit "A" attached hereto and by reference made a part hereof.

TOGETHER WITH, all and singular, the rights, ways, easements, members, privileges and appurtenances to the said property, being, belonging, or in any way appertaining, and the rents, reversions, issues and profits thereof, and of every part thereof.

SAID PROPERTY is conveyed subject to all easements and restrictions of record and the rights of tenants in possession under unrecorded leases.

TO HAVE AND TO HOLD said property, and all and singular said rights and privileges, unto the said party of the second part, in fee simple, forever.

AND the said party of the first part shall and will warrant and forever defend by virtue of these presents, the said bargained premises unto the said party of the second part against said party of the first part, and all and every other person or persons.

IN WITNESS WHEREOF, the said party of the first part has caused this instrument to be executed by its duly authorized officer who has affixed its corporate seal as of the day and year first above written.

Signed, sealed and delivered in our presence      Knox Development Corporation  
in McDuffie County, Georgia

Cheryl C. Sims

Witness

By: Boone A. Knox

Boone A. Knox  
As its: President

Barbara A. Gutchfield

(CORPORATE SEAL)

Notary Public, Glascock County,  
Georgia

"My commission expires: Notary Public, Glascock County, Georgia  
My Commission Expires June 22, 2003



(SEAL)

Exhibit "A"

ALL that lot, tract or parcel of land, situate, lying and being in the 90th G.M. District of Richmond County, Georgia, being shown and described as "AREA=0.48 Ac." on that certain plat dated December 19, 2001, prepared for Knox Development Corporation by Cranston, Robertson & Whitehurst, P.C. and recorded in Realty Reel 765, page 1126-1127 in the Office of the Clerk of Superior Court of Richmond County, Georgia. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

Said property is known and designated as 301 Beckman Road according to the system of street numbering currently in use in Augusta, Georgia.

**TOGETHER WITH,**

ALL that lot, tract or parcel of land, situate, lying and being in the 90th G.M. District of Richmond County, Georgia, being shown and described as "AREA=0.42 Ac." on that certain plat dated December 20, 2001, prepared for Knox Development Corporation by Cranston, Robertson & Whitehurst, P.C. and in Realty Reel 789, page 1312, in the Office of the Clerk of Superior Court of Richmond County, Georgia. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

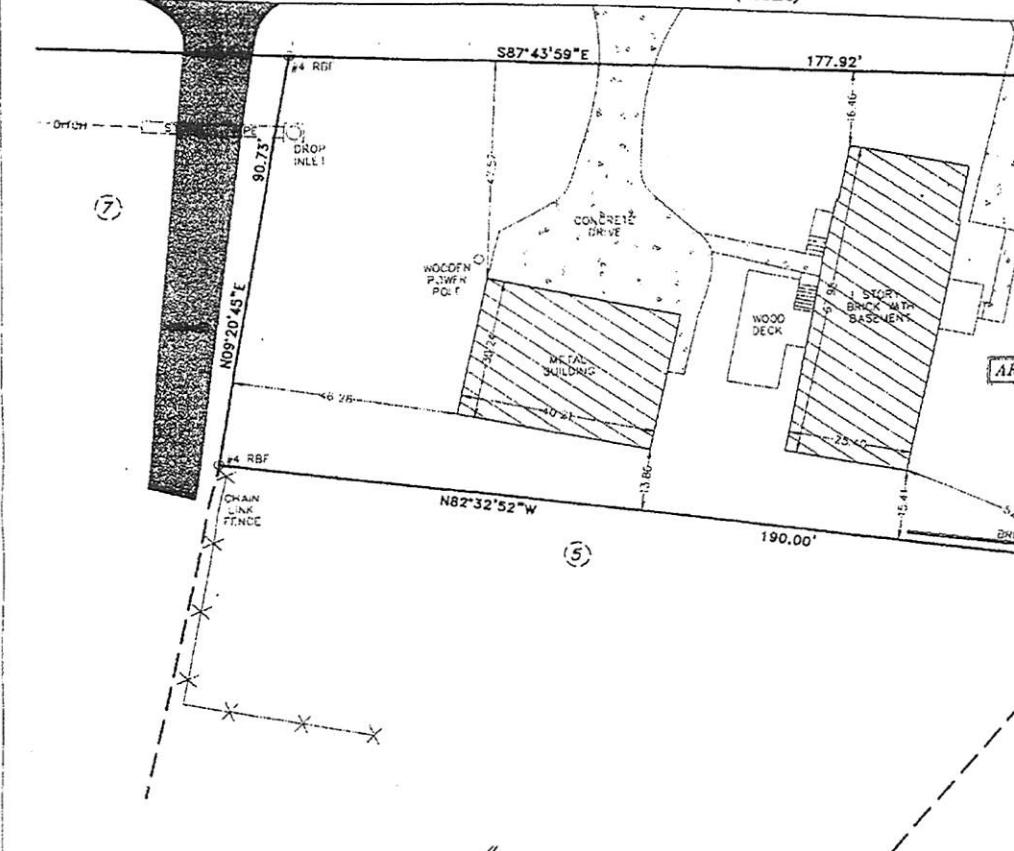
Said property is known and designated as 306 Heath Drive according to the system of street numbering currently in use in Augusta, Georgia.

Filed in this office:  
Augusta - Richmond County  
05/24/2002 09:21:12.00  
Elaine C. Johnson

---

Book 00765-1126 Augusta - Richmond County  
2001038948 12/21/2001 12:49:50.00  
\$0.00 PLAT  
2001038948 Augusta - Richmond County

**HEATH DRIVE 50' R/W**  
(ASPHALT PAVING)  
(PUBLIC)



FILED IN PLAT CABINET  
SLOT # PLAT C

**LEGEND**

CNR = CORNER NOT RECOVERED  
RBF = REBAR FOUND

**REFERENCES**

1. PLAT FOR BLANCHARD AND CALHOUN REAL ESTATE COMPANY BY CRANSTON, ROBERTSON, AND WHITEHURST DATED JANUARY 17, 2000
2. PLAT FOR BLANCHARD AND CALHOUN REAL ESTATE COMPANY BY CRANSTON, ROBERTSON, AND WHITEHURST DATED SEPTEMBER 21, 1999
3. PLAT OF BERKMAN HEIGHTS SUBDIVISION BY M. P. PHILLIPS DATED MARCH 29, 1952
4. PLAT FOR CITY OF AUGUSTA BY H. LAWSON GRAHAM DATED NOVEMBER 1, 1900

**FLOOD NOTE**

ACCORDING TO THE OFFICIAL F.I.A. FLOOD HAZARD MAPS,  
THIS SITE IS NOT IN A DESIGNATED 100 YEAR FLOOD PLAIN.

**TECHNICAL DATA**

DATE OF SURVEY - OCTOBER 11, 2001; EQUIPMENT USED  
THEODOLITE & EDM; ANGULAR ERROR - 01' ANGLE;  
ERROR OF CLOSURE - 1 IN 15,668. PLAT CLOSURE -  
1 IN 15,668. COMPASS ADJUSTMENT



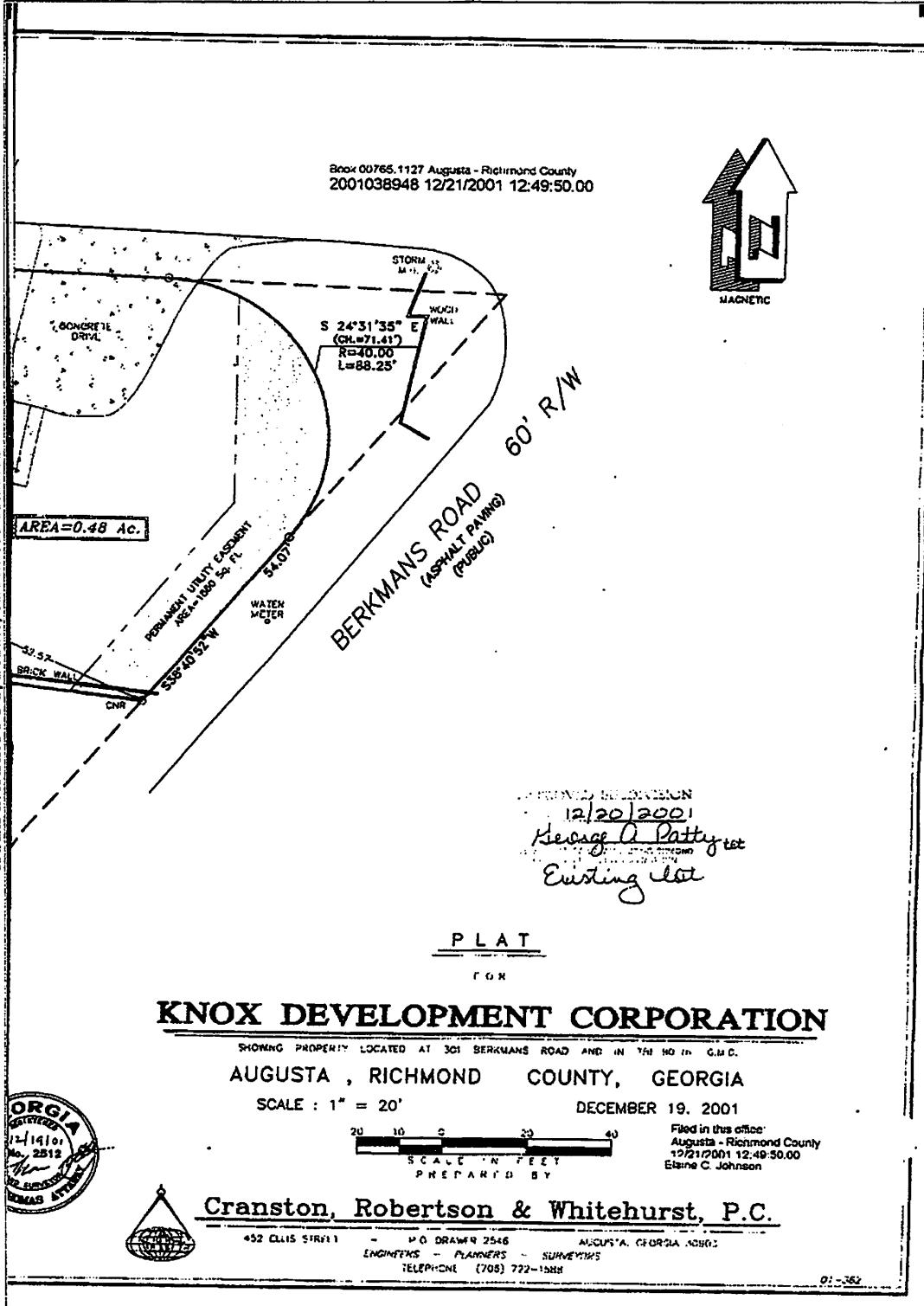
This document is not to scale.

Elaine C. Johnson, Richmond County Clerk of Superior Court

HULL BARRETT PC, Debbie, 08312015 1128:08

HULL BARRETT PC, Debbie, 08/31/2015 11:28:08

Book 00765, 1127 Augusta - Richmond County  
2001038948 12/21/2001 12:49:50.00



Elaine C. Johnson, Richmond County Clerk of Superior Court

This document is not to scale.

Book 00789,1313 Augusta - Richmond County  
2002015654 05/15/2002 09:47:20.00



FLOOD NOTE

ACCORDING TO THE OFFICIAL F.I.A. FLOOD HAZARD MAPS,  
THIS LOT IS NOT IN A DESIGNATED 100 YEAR FLOOD PLAIN.

TECHNICAL DATA

DATE OF SURVEY - OCTOBER 11, 2001; EQUIPMENT USED -  
THEODOLITE & F.D.M.; ANGULAR ERROR - 01" /ANGLE;  
ERROR OF CLOSURE - 1 IN 15,668; PLAT CLOSURE -  
1 IN 15,668. COMPASS ADJUSTMENT

LEGEND

RBF = REBAR FOUND  
OTI = OPEN TOP IRON FOUND  
OHU = OVERHEAD UTILITY LINE

REFERENCES

1. PLAT FOR BLANDHARD AND CALHOUN REAL  
ESTATE COMPANY BY CRANSTON, ROBERTSON,  
AND WHITEHURST DATED JANUARY 10, 2000.
2. PLAT FOR BLANDHARD AND CALHOUN REAL  
ESTATE COMPANY BY CRANSTON, ROBERTSON,  
AND WHITEHURST DATED JANUARY 17, 2000.
3. PLAT OF BERKMAN HEIGHTS SUBDIVISION BY  
M. P. PHILLIPS DATED MARCH 29, 1952.

APPROVED SUBDIVISION

Date 5/13/2002  
George Q. Patterson  
BY AUTHORITY OF AUGUSTA-RICHMOND  
COUNTY PLANNING COMMISSION  
Existing lot

P L A T

FOR

KNOX DEVELOPMENT CORPORATION

SHOWING PROPERTY LOCATED AT 306 HEATH DRIVE AND IN THE 90 TH. C.M.D.

AUGUSTA , RICHMOND COUNTY, GEORGIA

SCALE : 1" = 20'

DECEMBER 20, 2001



SCALE IN FEET

PREPARED BY



Cranston, Robertson & Whitehurst, P.C.

452 ELLIS STREET - P.O. DRAWER 2546 - AUGUSTA, GEORGIA 30903  
ENGINEERS - PLANNERS - SURVEYORS  
TELEPHONE: (706) 722-1588

Elaine C. Johnson  
Augusta-Richmond County  
Planned Subdivision  
File in this office  
01-363

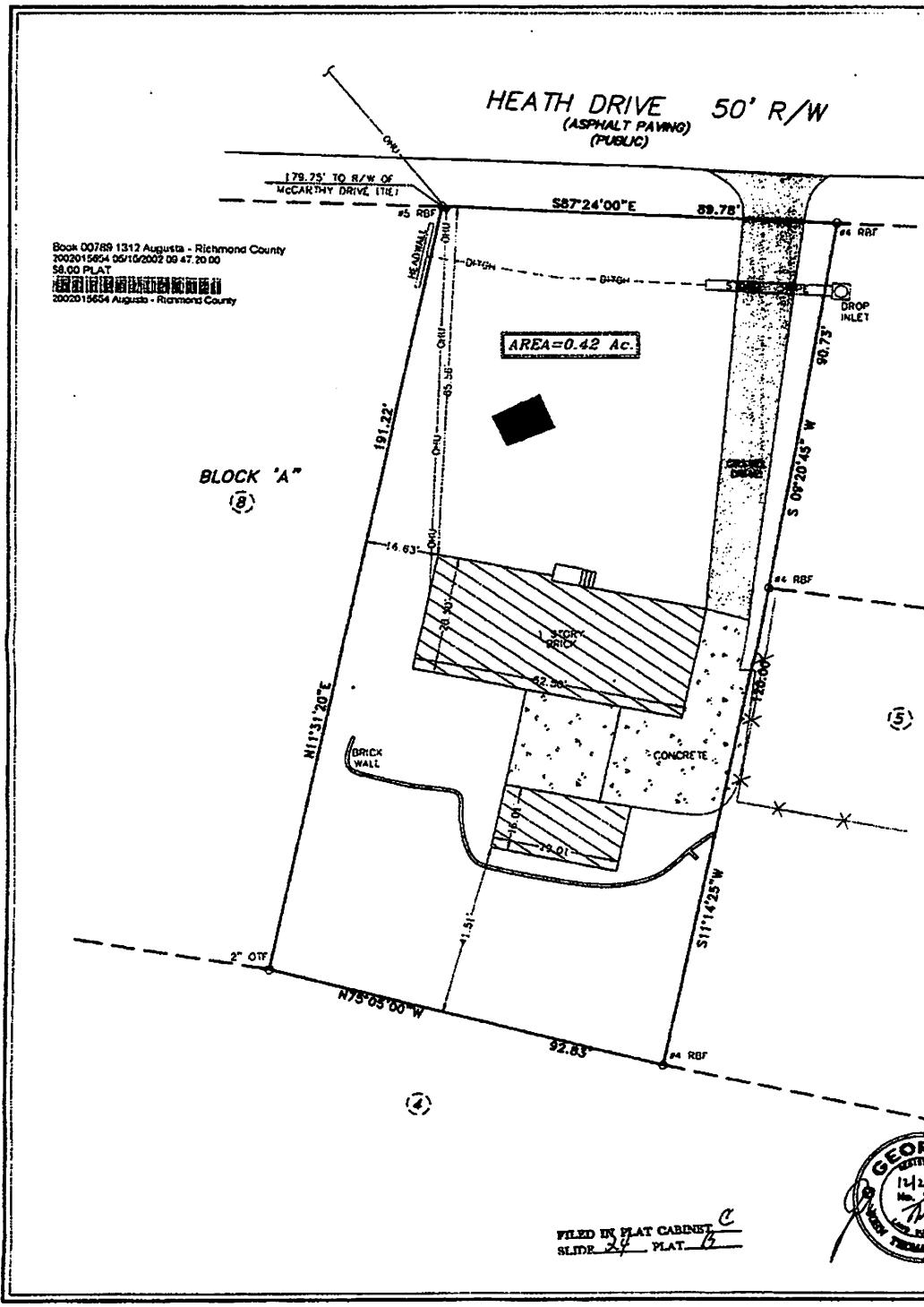
This document is not to scale.

HULL BARRETT PC, Debbie, 08/31/2015 10:20:59

Elaine C. Johnson, Richmond County Clerk of Superior Court

Elaine C. Johnson, Richmond County Clerk of Superior Court

HILL BARRETT PC, Debbie, 08312015 10:20:58



This document is not to scale.

Book 00749:1552 Augusta - Richmond County  
2001024457 05/02/2001 14:04:05.03  
**\$1742.50 WARRANTY DEED**  
2001024457 Augusta - Richmond County  
Transfer Tax \$1724.50

PLEASE RETURN TO: J. Noel Schwoers III  
Hall, Towill, Norman, Barren & Salley, P.C.  
P. O. Box 1564  
Augusta, GA 30903

STATE OF GEORGIA | WARRANTY DEED  
COUNTY OF RICHMOND |

THIS INDENTURE, made and entered into this 10th day of August, 2001 by and between BLANCHARD & CALHOUN REAL ESTATE CO., a Georgia corporation, hereinafter called party of the first part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits, and BERCKMAN RESIDENTIAL PROPERTIES, LLC, a Georgia limited liability company, hereinafter called party of the second part, which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits.

WITNESSETH:

THAT the said party of the first part, for and in consideration of TEN AND NO/100 DOLLARS (\$10.00), and other good and valuable consideration by the said party of the second part, the receipt and adequacy of which are hereby acknowledged, has bargained, granted, sold, alined, conveyed and confirmed, and by these presents does bargain, grant, sell, alien, convey and confirm unto the said party of the second part, the property described on Exhibit "A" attached hereto and by reference made a part hereof.

---



Exhibit "A"

311 Berckman Road

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in the 90th G.M. District of Richmond County, Georgia, being shown and described as "0.45 ACRE" on that certain plat dated January 17, 2000, prepared for Blanchard & Calhoun Real Estate Company by Cranston, Robertson & Whitehurst, P.C. and recorded in Realty Reel 679, pages 716-717, in the Office of the Clerk of Superior Court of Richmond County, Georgia. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

341 Berckman Road

ALL that lot tract or parcel of land, with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, and being more particularly described as "2.11 ACRES" on that certain plat dated June 9, 1999, revised June 10, 1999, prepared for Blanchard & Calhoun Real Estate Company by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia in Realty Reel 648, pages 675-680. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

349 and 351 Berckman Road

ALL those lots, tracts or parcels of land, together with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, being shown and designated as "TRACT 'A' 0.55 ACRES" and "TRACT 'B' 0.74± ACRES" on that certain plat dated December 23, 1998, prepared for Blanchard & Calhoun Real Estate Company by Cranston, Robertson & Whitehurst, P.C., and recorded simultaneously herewith in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 626, pages 1206-1207. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

308 Heath Drive

ALL that tract or parcel of land, with improvements thereon, situate, lying and being in Richmond County, Georgia, being shown and designated as "0.37 ACRE" on a plat prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 660, page 628-629. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

---

310 Heath Drive

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, which is shown and designated as "AREA - 0.35 AC." on that certain plat dated January 10, 2000 prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 705, page 1975. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

314 Heath Drive

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, which is shown and designated as "AREA - 0.41 AC." on that certain plat dated January 5, 2000 prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 673, page 745. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

348 Heath Drive

ALL that parcel, piece or lot of land situate, lying and being in the State of Georgia, Richmond County, 1269th D.G.M. being known and designated as Lot No. Eleven (11) as shown on a plat of Berckmans Road Gardens by Walton Flythe, C.E., dated March 5, 1946, and recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia in Realty Book 15-R, page 203. Said property is also shown as "0.46 ACRE" on a more recent plat dated May 14, 2001 prepared by Cranston, Robertson & Whitehurst, P.C. which is recorded in Realty Reel 729, page 1988-1989 in said Clerk's Office. Reference is hereby made to said plats for a more complete description of said property.

This property is subject to a reservation of seven and one-half (7 1/2) feet across the front of said lot for the purpose of proposed future widening of Heath Drive.

2707 Hillside Lane

ALL that lot or parcel of land, with any improvements thereon, situate, lying and being in the 1269th G. M. District of Richmond County, Georgia, being known and designated as Lot 7 on a plat of the property of J. O. Jones dated March 19, 1951, prepared by Walton Flythe, C.E.

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and recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Book 18V, page 306. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

107 McCarthy Drive

ALL that lot or parcel of land, with any improvements thereon, situate, lying and being in the 1269th G. M. District of Richmond County, Georgia, fronting 98 feet on the southeast side of McCarthy Drive and being known and designated as Lot 11, Block A, on a plat of Berckman Heights Subdivision dated March 1952, prepared by M.P. Phillips, C.E. and recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Book 19D, page 409, and as also shown on a more recent plat dated September 27, 1971, prepared by Nathan C. Bowers & Associates and recorded in Realty Book 39Q, page 287, in said Clerk's Office. Reference is hereby made to said plats for a more complete and accurate description as to the metes, bounds and location of said property.

227 West Vineland

ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, which is shown and designated as "0.24 ACRE" on that certain plat dated April 25, 2000 prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 684, page 2220. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

233 West Vineland

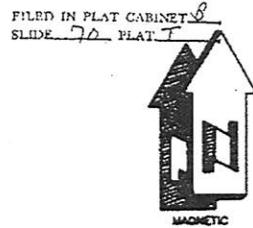
ALL that lot, tract or parcel of land, with any improvements thereon, situate, lying and being in Augusta, Richmond County, Georgia, which is shown and designated as "0.24 ACRE" on that certain plat dated April 26, 2000 prepared for Blanchard & Calhoun Real Estate Co. by Cranston, Robertson & Whitehurst, P.C. which is recorded in the Office of the Clerk of Superior Court of Richmond County, Georgia, in Realty Reel 684, pages 2224. Reference is hereby made to said plat for a more complete and accurate description as to the metes, bounds and location of said property.

Filed in this office:  
Augusta - Richmond County  
08/10/2001 14:04:05.03  
Elaine C. Johnson

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Elaine C. Johnson, Richmond County Clerk of Superior Court

HILL, BARRETT, Debbie, 08/31/2015 10:20:57



Book 00678 0716 Clerk of Superior Court, Richmond Cou  
2000005654 02/29/2000 16:47:24.00  
\$8.00 PLAT  
2000005654 Clerk of Superior Court, Richmond County

N/F HARRIS

0.45 ACRETECHNICAL DATA:

DATE OF SURVEY - JANUARY, 2000  
EQUIPMENT USED - THEODOLITE & E.D.M.  
ANGULAR ERROR - 03'/ANGLE  
ERROR OF CLOSURE - 1 IN 11,511  
COMPASS ADJUSTMENT  
PLAT CLOSURE - 86.396

FLOOD NOTE:

ACCORDING TO THE OFFICIAL FLOOD HAZARD MAPS, THIS LOT IS NOT  
IN A DESIGNATED 100 YEAR FLOOD PLAIN.

REFERENCES:

1. WARRANTY DEED CONVEYING PROPERTY FROM JOHN B. & MARGO D. SLIGAR TO GRADY L. JAMES DATED JUNE 12, 1987, RECORDED IN R.R. 264, PG. 892-893.
2. PLAT OF BERCKMAN HEIGHTS SUBDIVISION BY M.P. PHILLIPS DATED MARCH, 1952, RECORDED IN D.B. 190, PG. 409.

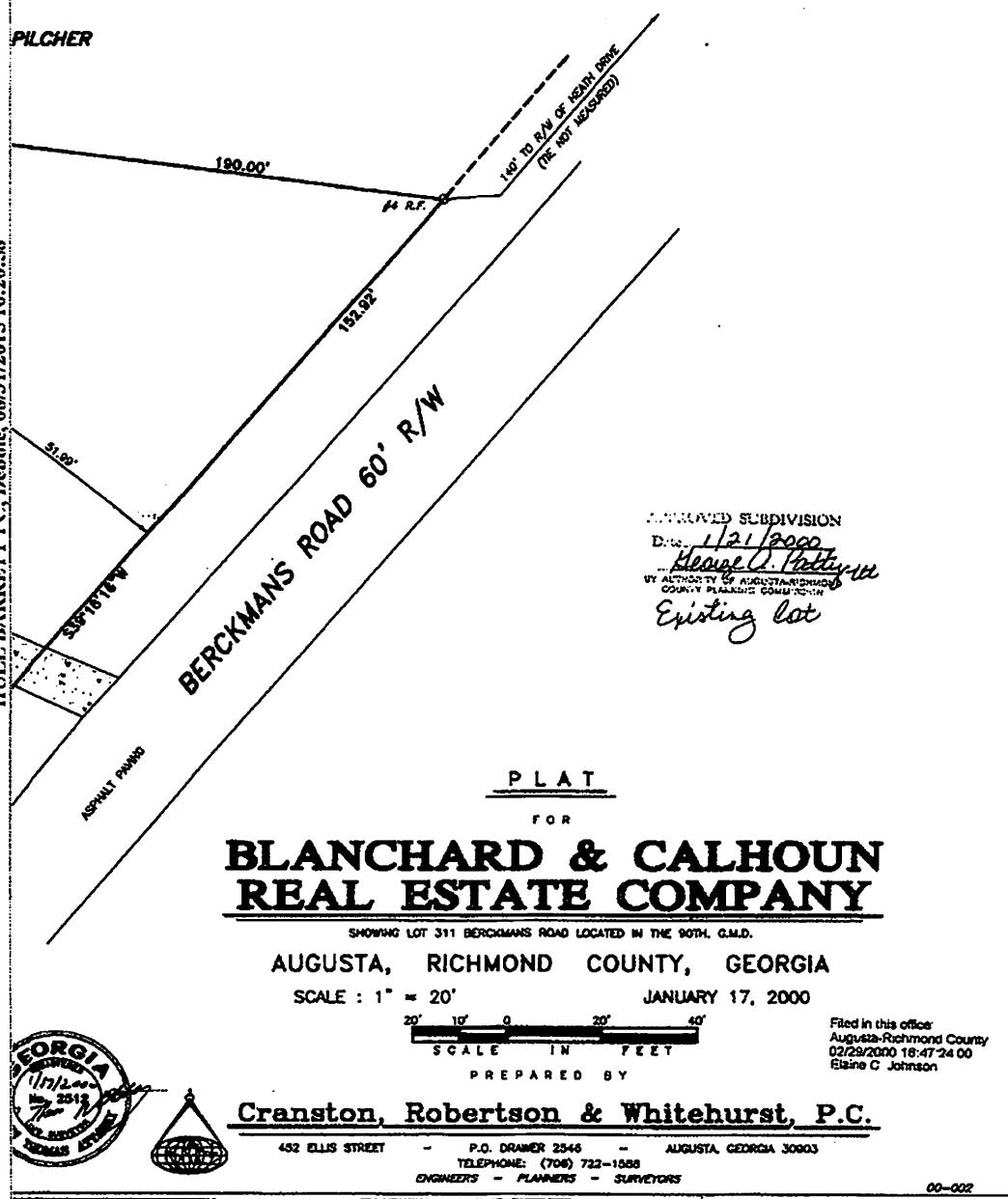
LEGEND:  
R.F. — REBAR FOUND  
R.S. — REBAR SET

This document is not to scale.

Book 00678 0717 Augusta-Richmond County  
2000005654 02/29/2000 16:47:24.00

HULL BARRETT PC, Debbie, 08/31/2015 10:20:58

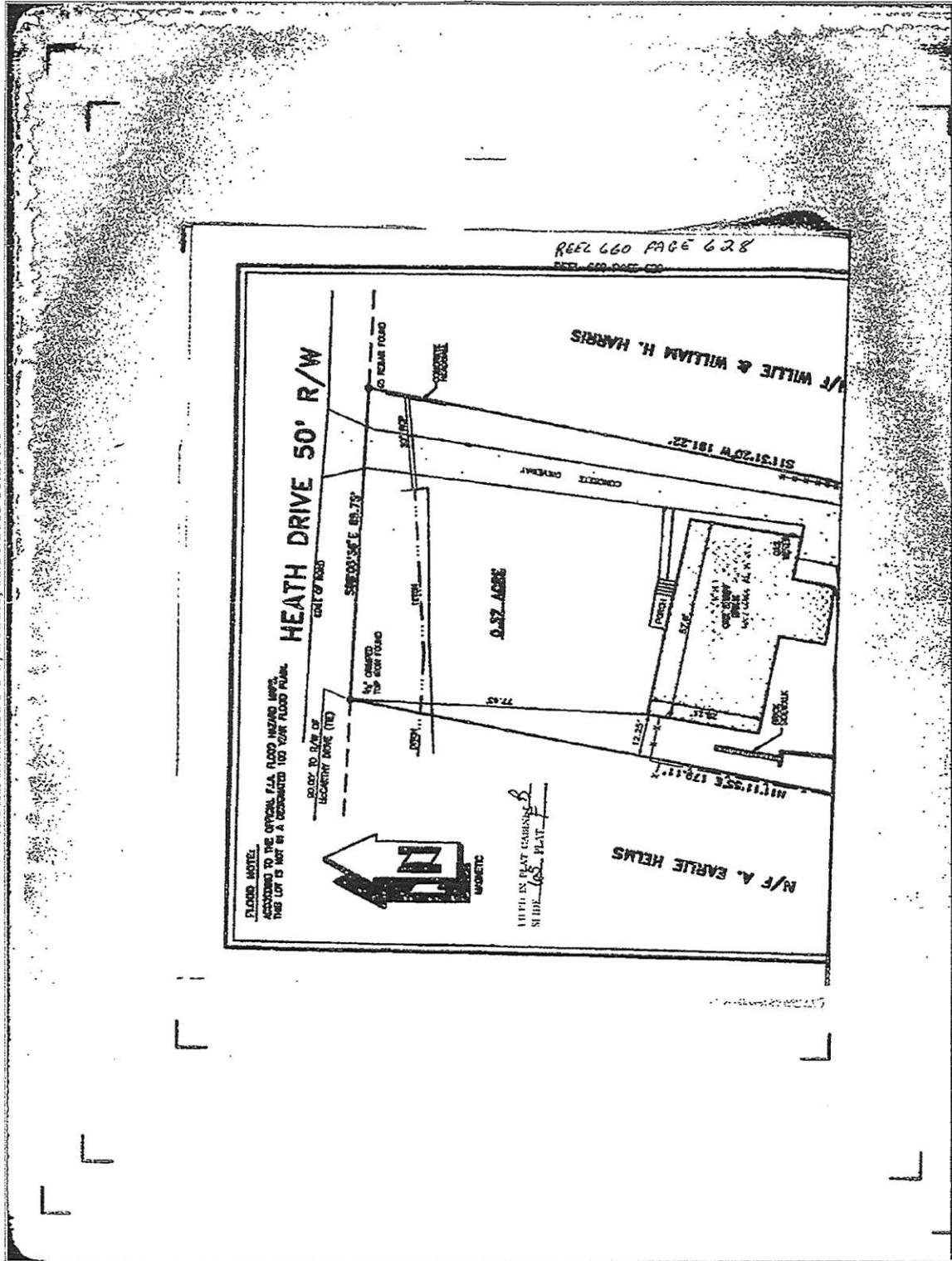
Elaine C. Johnson, Richmond County Clerk of Superior Court



This document is not to scale.

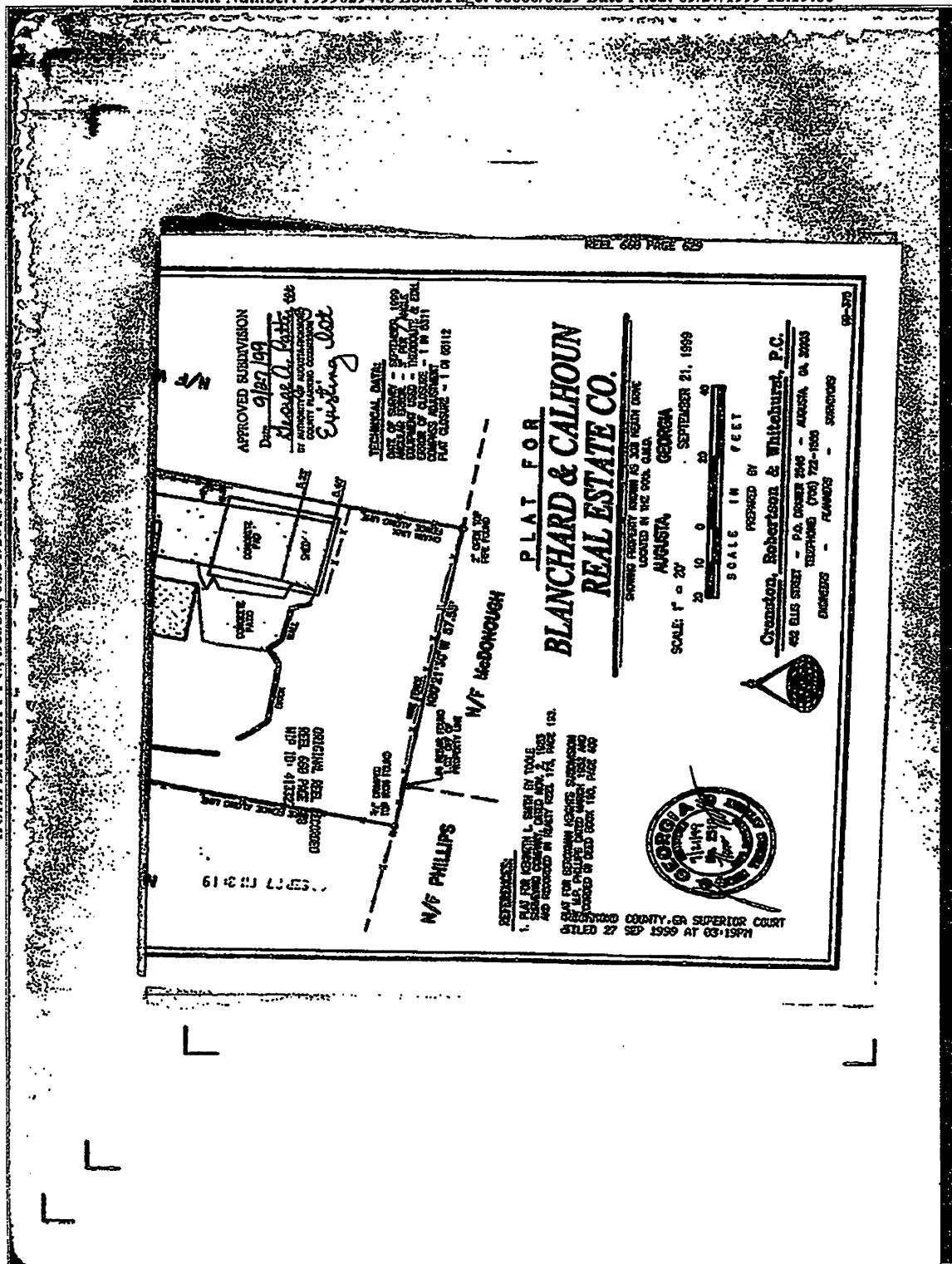
Elaine C. Johnson, Richmond County Clerk of Superior Court

HULL BARRETT PC, Debbie, 08/31/2015 10:21:00



**This document is not to scale.**

*Elaine C. Johnson, Richmond County Clerk of Superior Court*



**This document is not to scale.**

Book 00705/1975 Augusta - Richmond County  
2000040062 11/06/2000 12:15:32.00  
\$8.00 PLAT  
2000040062 Augusta - Richmond County

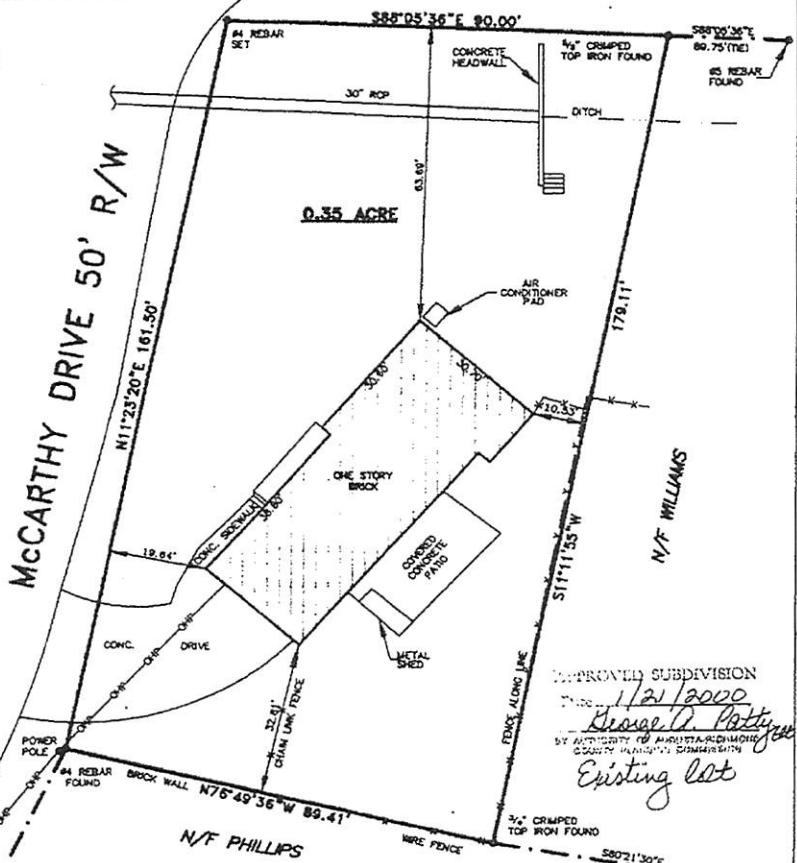
## TECHNICAL DATA:

DATE OF SURVEY - SEPT., 1999 & JAN., 2000  
ANGULAR ERROR - 3' PER ANGLE  
EQUIPMENT USED - THEODOLITE & EDM.  
ERROR OF CLOSURE - 1 IN 8311  
COMPASS ADJUSTMENT  
PLAT CLOSURE - 1 IN 213,002

FILED IN PLAT CABINET  
SLIDE 80 PLAT #



## HEATH DRIVE R/W VARIES



## REFERENCES:

1. PLAT OF BERGMAN HEIGHTS SUBDIVISION BY M.P. PHILLIPS, DATED MARCH 1952 & RECORDED IN DEED BOOK 190, PAGE 409.
2. DEED FOR A EARLIE HELMS DATED 297 JANUARY 1987 & LOCATED IN REALTY REEL 252, PAGE 912-913.
3. DEED OF ASSENT FROM SARA W. HELMS TO A EARLIE HELMS, DATED 15 DEC. 1990 & LOCATED IN REALTY REEL 348, PAGE 1760-1763.

## PLAT FOR

BLANCHARD & CALHOUN  
REAL ESTATE CO.

SHOWING PROPERTY KNOWN AS 310 HEATH DRIVE

LOCATED IN THE 90TH. G.M.D.

AUGUSTA, GEORGIA

SCALE: 1" = 20'

JANUARY 10, 2000

20 10 0 20 40

SCALE IN FEET

PREPARED BY

Cranston, Robertson &amp; Whitehurst, P.C.

452 ELLIS STREET - P.O. DRAWER 2546 - AUGUSTA, GA 30903

TELEPHONE: (404) 722-1588

ENGINEERS - PLANNERS - SURVEYORS

00-377



Filed in this office:  
Augusta - Richmond County  
11/06/2000 12:15:32.00  
Elaine C. Johnson

This document is not to scale.

Elaine C. Johnson, Richmond County Clerk of Superior Court

AFTER RECORDING,  
PLEASE RETURN TO:

R.E. Hanna, III  
Hull Barrett, PC  
801 Broad Street, 7<sup>th</sup> Floor  
Augusta, GA 30901  
HB File No: 322-295

Book 01476:1147 Augusta - Richmond County  
2015013509 03/13/2015 16:40:51.00  
\$60.00 AFFIDAVIT



2015013509 Augusta - Richmond County

STATE OF GEORGIA : AFFIDAVIT REGARDING TITLE  
COUNTY OF RICHMOND : TO REAL PROPERTY  
: O.C.G.A. Section 44-2-20

**PLEASE CROSS REFERENCE/INDEX AS FOLLOWS:**

Grantor: BERCKMAN CORNER, LLC  
FTD, LLC

Grantee: BERCKMAN RESIDENTIAL PROPERTIES, LLC

Instruments of Record:	Book 743, page 1545	Book 511, page 1616
	Book 782, page 262	Book 680, page 2044
	Book 914, page 568	Book 743, page 1542
	Book 949, page 2461	Book 753, page 2304
	Book 950, page 1386	Book 754, page 1210
	Book 989, page 1262	Book 848, page 66
	Book 1167, page 420	Book 1075, page 2455
	Book 1167, page 423	Book 1102, page 1496
	Book 1174, page 813	Book 1212, page 309
	Book 1212, page 318	Book 1362, page 1436
		Book 1456, page 1595
		Book 1456, page 1598
		Book 1464, page 1619

Personally appearing before me, the undersigned, who did depose and state under oath as follows:

1. I am an attorney at law admitted to practice by the State Bar of Georgia and am authorized to make this affidavit.
2. This affidavit is recorded by the attorney for BERCKMAN RESIDENTIAL PROPERTIES, LLC and pertains to real estate owned by BERCKMAN CORNER, LLC and FTD, LLC.

3. On February 2, 2015, BERCKMAN CORNER, LLC and FTD, LLC merged with and into BERCKMAN RESIDENTIAL PROPERTIES, LLC (the "Merger"). A true and correct copy of the Certificate of Merger issued by the Office of the Secretary of State of the State of Georgia is attached hereto as Exhibit "A".

4. As a result of the Merger, on February 2, 2015, title to all real estate and other property owned by BERCKMAN CORNER, LLC or FTD, LLC became vested in BERCKMAN RESIDENTIAL PROPERTIES, LLC.

5. This Affidavit is recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia, to provide evidence and due notice to all interested parties of the aforesaid Merger and vesting of real estate.

6. I have personally examined the records and documents described in the Affidavit.

Further the Deponent sayeth not.

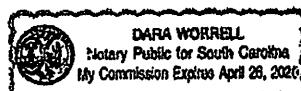
Subscribed and sworn to before me  
this 12<sup>th</sup> day of March, 2015.

Dara Worrell

Notary Public

My Commission Expires: 4/26/2020

(Notarial Seal)



R.E. Hanna, III

R.E. Hanna, III  
Attorney for Berckman Residential  
Properties, LLC

EXHIBIT "A"

Control No. : 0131263

TO AFFIDAVIT REGARDING TITLE  
TO REAL PROPERTY

**STATE OF GEORGIA**

Secretary of State  
Corporations Division  
313 West Tower  
#2 Martin Luther King, Jr. Dr.  
Atlanta, Georgia 30334-1530

**CERTIFICATE OF MERGER**

I, Brian P. Kemp, the Secretary of State and Corporations Commissioner of the State of Georgia, do hereby issue this certificate pursuant to Title 14 of the Official Code of Georgia Annotated certifying that articles or a certificate of merger and fees have been filed regarding the merger of the below entities, effective as of February 02, 2015. Attached is a true and correct copy of the said filing.

**Surviving Entity:**  
BERCKMAN RESIDENTIAL PROPERTIES, LLC

**Nonsurviving Entity/Entities**  
BERCKMAN CORNER, LLC  
FTD, LLC

WITNESS my hand and official seal in the City of Atlanta and the State of Georgia on February 2, 2015.



A handwritten signature in black ink that appears to read "B. P. K." followed by a stylized "h".

Brian P. Kemp  
Secretary of State

Tracking #: jVHUaV3w

Filed in this office:  
Augusta - Richmond County  
03/13/2015 16:40:51.00  
Elaine C Johnson  
Clerk of Superior Court

四

APPROVED BY  
STATE ENGINEER  
CITY ENGINEER COMMISSIONERS  
OF HICKMAN COUNTY  
TENNESSEE  
1952

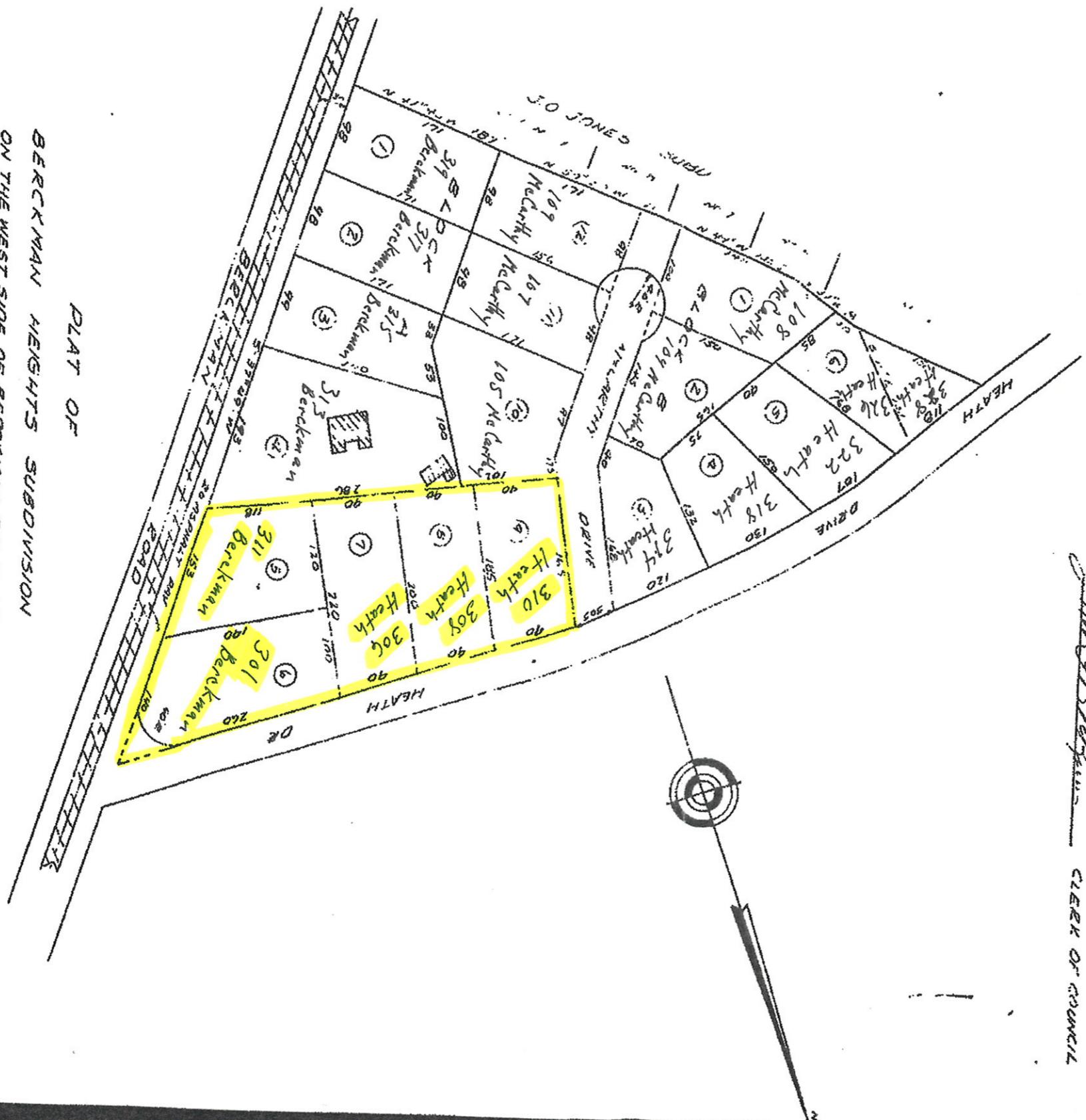
~~HEALTHY ENGINEER~~ MAR 10, 1952  
~~POSTMASTER~~ MAR 11, 1952  
CITY SODA CO.

WILSON LIBRARY  
1952

APPROVED BY CITY COUNCIL AT AUGUSTA  
AUGUSTA, GA MAR 17 1952  
W.H. Bergman W.H. Bergman  
CLERK OF COUNCIL

APPROVED BY: CITY PLANNING COMM.  
MCGOWAN, GA. MAR. 1952  
John J. Coughlin  
Chairman

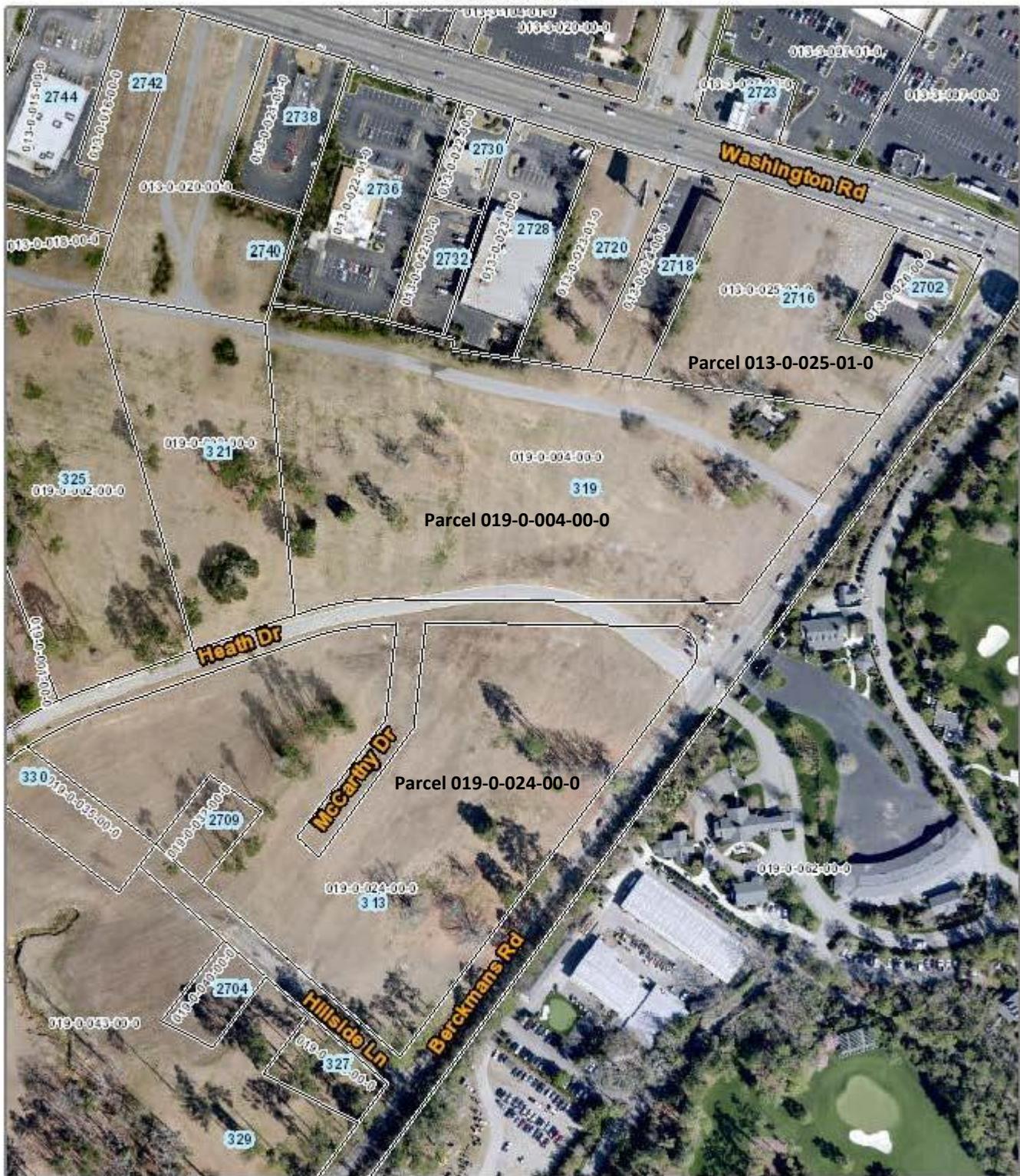
COMMUNES



BERCKMAN HEIGHTS SUBDIVISION  
ON THE WEST SIDE OF BERCKMAN RD AND THE  
SOUTH SIDE OF HEATH DRIVE RICHMOND CO GA  
SCALE 1'100 MAR 1952  
BY DR PHILLIPS  
GA SIC #392

GEORGIA: Richmond County Clerk Superior Court  
Filed for Record, March 23, 1922, at 2:15 o'clock

Tax Plat  
Augusta, GA



*Disclaimer: While every effort is made to keep information provided over the internet accurate and up-to-date, Augusta does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.*

Map Scale  
**1 inch = 254 feet**  
12/2/2015

Appendix C  
September 2015  
Laboratory Analytical Report



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 08, 2015

Roger Daniel  
American Environmental & Construction Services Inc  
1170 Tidwell Rd  
Alpharetta GA 30004

TEL: (770) 754-6440  
FAX: (770) 754-9892

RE: Silverstein

Dear Rodger Daniel: Order No: 1509146

Analytical Environmental Services, Inc. received 13 samples on 9/2/2015 12:30:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

A handwritten signature in black ink that reads "Ioana Pacurar".

Ioana Pacurar  
Project Manager



Date: 9/2/15 Page 1 of 1

COMPANY: <b>AECS</b>		ADDRESS: <b>1170 Tidwell Rd, Suite 103 Alpharetta GA 30004</b>		ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.	No # of Containers		
PHONE: <b>770-754-6440</b>		FAX:		VOC											
SAMPLED BY: <b>Steven Pfeifer</b>		SIGNATURE: <b>SP</b>													
#	SAMPLE ID	SAMPLING		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)								REMARKS
		DATE	TIME				H+I								
1	EW-K	9/1/15	9:35	X	GW	X									Z
2	IW-2	9/1/15	10:35	X	GW	X									Z
3	EW-M	9/1/15	11:10	X	GW	X									Z
4	MW-10	9/1/15	11:30	X	GW	X									Z
5	W-1	9/1/15	12:50	X	GW	X									Z
6	EW-L	9/1/15	13:45	X	GW	X									Z
7	MW-16	9/1/15	14:13	X	GW	X									Z
8	MW-9	9/1/15	14:45	X	GW	X									Z
9	IW-1	9/1/15	12:37	X	GW	X									Z
10	MW-37	9/2/15	8:10	X	GW	X									Z
11	MW-38	9/2/15	9:00	X	GW	X									Z
12	MW-39	9/2/15	9:15	X	GW	X									Z
13	Trip Blank														Z
14															
RELINQUISHED BY		DATE/TIME	RECEIVED BY	DATE/TIME		PROJECT INFORMATION								RECEIPT	
1: S.Pfeifer <b>SP</b>		9/2/15	1: <b>Kathy Solis</b> 9/2/15 12:30			PROJECT NAME: <b>Silverstein</b>								Total # of Containers	26
2:		2:				PROJECT #: <b>OZ-14</b>								Turnaround Time Request	
3:		3:				SITE ADDRESS: <b>2716 Washington Rd Augusta GA 30909</b>								<input checked="" type="checkbox"/> Standard 5 Business Days	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		OUT / / VIA:		SEND REPORT TO: <b>R. Daniel, B. Dixon, S. Pfeifer,</b>								<input type="checkbox"/> 2 Business Day Rush	
				IN / / VIA:		INVOICE TO: <b>Frank Miller</b> <b>J. Sears, T. Mestor,</b> <b>V. Solomon</b> (IF DIFFERENT FROM ABOVE)								<input type="checkbox"/> Next Business Day Rush	
				CLIENT FedEx UPS MAIL COURIER		QUOTE #: _____ PO#: _____								<input type="checkbox"/> Same Day Rush (auth req.)	
				GREYHOUND OTHER										<input type="checkbox"/> Other _____	
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.														STATE PROGRAM (if any): _____	
														E-mail? <input checked="" type="checkbox"/> N; Fax? Y/N	DATA PACKAGE: I II III IV

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-K
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 9:35:00 AM
<b>Lab ID:</b>	1509146-001	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
								<b>(SW5030B)</b>	
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/03/2015 21:14		CH
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/03/2015 21:14		CH
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/03/2015 21:14		CH
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/03/2015 21:14		CH
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/03/2015 21:14		CH
Acetone	BRL	3.2	50	ug/L	212428	1	09/03/2015 21:14		CH
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/03/2015 21:14		CH
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/03/2015 21:14		CH
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/03/2015 21:14		CH
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/03/2015 21:14		CH
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Freon-113	BRL	1.0	10	ug/L	212428	1	09/03/2015 21:14		CH
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/03/2015 21:14		CH
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/03/2015 21:14		CH
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/03/2015 21:14		CH

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-K
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 9:35:00 AM
<b>Lab ID:</b>	1509146-001	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL		0.94	5.0	ug/L	212428	1	09/03/2015 21:14	CH
o-Xylene	BRL		0.24	5.0	ug/L	212428	1	09/03/2015 21:14	CH
Styrene	BRL		0.57	5.0	ug/L	212428	1	09/03/2015 21:14	CH
Tetrachloroethene	740		9.3	50	ug/L	212428	10	09/03/2015 21:47	CH
Toluene	BRL		0.49	5.0	ug/L	212428	1	09/03/2015 21:14	CH
trans-1,2-Dichloroethene	BRL		0.89	5.0	ug/L	212428	1	09/03/2015 21:14	CH
trans-1,3-Dichloropropene	BRL		1.0	5.0	ug/L	212428	1	09/03/2015 21:14	CH
Trichloroethene	BRL		0.80	5.0	ug/L	212428	1	09/03/2015 21:14	CH
Trichlorofluoromethane	1.6	J	0.98	5.0	ug/L	212428	1	09/03/2015 21:14	CH
Vinyl chloride	BRL		0.74	2.0	ug/L	212428	1	09/03/2015 21:14	CH
Surr: 4-Bromofluorobenzene	92		0	70.6-123	%REC	212428	10	09/03/2015 21:47	CH
Surr: 4-Bromofluorobenzene	99		0	70.6-123	%REC	212428	1	09/03/2015 21:14	CH
Surr: Dibromofluoromethane	91.1		0	78.7-124	%REC	212428	1	09/03/2015 21:14	CH
Surr: Dibromofluoromethane	99.9		0	78.7-124	%REC	212428	10	09/03/2015 21:47	CH
Surr: Toluene-d8	87.5		0	81.3-120	%REC	212428	10	09/03/2015 21:47	CH
Surr: Toluene-d8	90.8		0	81.3-120	%REC	212428	1	09/03/2015 21:14	CH

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	IW-2
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 10:35:00 AM
<b>Lab ID:</b>	1509146-002	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/05/2015 03:27	AR	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/05/2015 03:27	AR	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/05/2015 03:27	AR	
Acetone	BRL	3.2	50	ug/L	212428	1	09/05/2015 03:27	AR	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/05/2015 03:27	AR	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/05/2015 03:27	AR	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/05/2015 03:27	AR	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/05/2015 03:27	AR	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/05/2015 03:27	AR	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	IW-2
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 10:35:00 AM
<b>Lab ID:</b>	1509146-002	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Tetrachloroethene	74	0.93	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/05/2015 03:27	AR	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/05/2015 03:27	AR	
Surr: 4-Bromofluorobenzene	79.2	0	70.6-123	%REC	212428	1	09/05/2015 03:27	AR	
Surr: Dibromofluoromethane	104	0	78.7-124	%REC	212428	1	09/05/2015 03:27	AR	
Surr: Toluene-d8	96.3	0	81.3-120	%REC	212428	1	09/05/2015 03:27	AR	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

## Analytical Environmental Services, Inc

Date: 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-M
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 11:10:00 AM
<b>Lab ID:</b>	1509146-003	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/05/2015 03:53	AR	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/05/2015 03:53	AR	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/05/2015 03:53	AR	
Acetone	BRL	3.2	50	ug/L	212428	1	09/05/2015 03:53	AR	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/05/2015 03:53	AR	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/05/2015 03:53	AR	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/05/2015 03:53	AR	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/05/2015 03:53	AR	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/05/2015 03:53	AR	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/05/2015 03:53	AR	

Qualifiers: \* Value exceeds maximum contaminant level

E Estimated value above quantitation range

BRL Not detected at MDL

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

&gt; Greater than Result value

B Analyte detected in the associated method blank

&lt; Less than Result value

NC Not confirmed

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-M
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 11:10:00 AM
<b>Lab ID:</b>	1509146-003	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL		0.94	5.0	ug/L	212428	1	09/05/2015 03:53	AR
o-Xylene	BRL		0.24	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Styrene	BRL		0.57	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Tetrachloroethene	BRL		0.93	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Toluene	BRL		0.49	5.0	ug/L	212428	1	09/05/2015 03:53	AR
trans-1,2-Dichloroethene	BRL		0.89	5.0	ug/L	212428	1	09/05/2015 03:53	AR
trans-1,3-Dichloropropene	BRL		1.0	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Trichloroethene	BRL		0.80	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Trichlorofluoromethane	1.4	J	0.98	5.0	ug/L	212428	1	09/05/2015 03:53	AR
Vinyl chloride	BRL		0.74	2.0	ug/L	212428	1	09/05/2015 03:53	AR
Surr: 4-Bromofluorobenzene	85.4		0	70.6-123	%REC	212428	1	09/05/2015 03:53	AR
Surr: Dibromofluoromethane	100		0	78.7-124	%REC	212428	1	09/05/2015 03:53	AR
Surr: Toluene-d8	91.2		0	81.3-120	%REC	212428	1	09/05/2015 03:53	AR

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-10
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 11:30:00 AM
<b>Lab ID:</b>	1509146-004	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 09:02	CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 09:02	CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 09:02	CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 09:02	CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 09:02	CH	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 09:02	CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 09:02	CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 09:02	CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 09:02	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-10
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 11:30:00 AM
<b>Lab ID:</b>	1509146-004	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Tetrachloroethene	11	0.93	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 09:02	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 09:02	CH	
Surr: 4-Bromofluorobenzene	91.3	0	70.6-123	%REC	212428	1	09/04/2015 09:02	CH	
Surr: Dibromofluoromethane	95.1	0	78.7-124	%REC	212428	1	09/04/2015 09:02	CH	
Surr: Toluene-d8	91.3	0	81.3-120	%REC	212428	1	09/04/2015 09:02	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	W-1
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 12:50:00 PM
<b>Lab ID:</b>	1509146-005	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 09:26	CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 09:26	CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 09:26	CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 09:26	CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 09:26	CH	
Chloroform		5.6	0.79	5.0	ug/L	212428	1	09/04/2015 09:26	CH
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 09:26	CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 09:26	CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 09:26	CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 09:26	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	W-1
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 12:50:00 PM
<b>Lab ID:</b>	1509146-005	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Tetrachloroethene	8.5	0.93	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 09:26	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 09:26	CH	
Surr: 4-Bromofluorobenzene	87.6	0	70.6-123	%REC	212428	1	09/04/2015 09:26	CH	
Surr: Dibromofluoromethane	96	0	78.7-124	%REC	212428	1	09/04/2015 09:26	CH	
Surr: Toluene-d8	87.7	0	81.3-120	%REC	212428	1	09/04/2015 09:26	CH	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-L
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 1:45:00 PM
<b>Lab ID:</b>	1509146-006	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:50		CH
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 09:50		CH
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 09:50		CH
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 09:50		CH
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 09:50		CH
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 09:50		CH
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 09:50		CH
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 09:50		CH
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:50		CH
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 09:50		CH
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 09:50		CH
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 09:50		CH
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 09:50		CH
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 09:50		CH

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	EW-L
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 1:45:00 PM
<b>Lab ID:</b>	1509146-006	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Tetrachloroethene	11	0.93	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 09:50	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 09:50	CH	
Surr: 4-Bromofluorobenzene	87.8	0	70.6-123	%REC	212428	1	09/04/2015 09:50	CH	
Surr: Dibromofluoromethane	93	0	78.7-124	%REC	212428	1	09/04/2015 09:50	CH	
Surr: Toluene-d8	93.5	0	81.3-120	%REC	212428	1	09/04/2015 09:50	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-16
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 2:13:00 PM
<b>Lab ID:</b>	1509146-007	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 10:14	CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 10:14	CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 10:14	CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 10:14	CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 10:14	CH	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 10:14	CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 10:14	CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 10:14	CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 10:14	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-16
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 2:13:00 PM
<b>Lab ID:</b>	1509146-007	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Tetrachloroethene	15	0.93	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 10:14	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 10:14	CH	
Surr: 4-Bromofluorobenzene	86	0	70.6-123	%REC	212428	1	09/04/2015 10:14	CH	
Surr: Dibromofluoromethane	99.8	0	78.7-124	%REC	212428	1	09/04/2015 10:14	CH	
Surr: Toluene-d8	92.1	0	81.3-120	%REC	212428	1	09/04/2015 10:14	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-9
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 2:45:00 PM
<b>Lab ID:</b>	1509146-008	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL		0.67	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,1,2,2-Tetrachloroethane	BRL		0.93	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,1,2-Trichloroethane	BRL		1.3	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,1-Dichloroethane	BRL		0.91	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,1-Dichloroethene	BRL		1.5	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2,4-Trichlorobenzene	BRL		0.79	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2-Dibromo-3-chloropropane	BRL		0.25	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2-Dibromoethane	BRL		0.52	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2-Dichlorobenzene	BRL		0.68	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2-Dichloroethane	BRL		0.79	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,2-Dichloropropane	BRL		0.84	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,3-Dichlorobenzene	BRL		0.61	5.0	ug/L	212428	1	09/04/2015 12:53	CH
1,4-Dichlorobenzene	BRL		0.83	5.0	ug/L	212428	1	09/04/2015 12:53	CH
2-Butanone	BRL		8.1	50	ug/L	212428	1	09/04/2015 12:53	CH
2-Hexanone	BRL		3.5	10	ug/L	212428	1	09/04/2015 12:53	CH
4-Methyl-2-pentanone	BRL		1.9	10	ug/L	212428	1	09/04/2015 12:53	CH
Acetone	BRL		3.2	50	ug/L	212428	1	09/04/2015 12:53	CH
Benzene	BRL		0.61	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Bromodichloromethane	BRL		0.78	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Bromoform	BRL		0.66	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Bromomethane	BRL		1.1	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Carbon disulfide	BRL		1.9	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Carbon tetrachloride	BRL		0.42	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Chlorobenzene	BRL		0.35	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Chloroethane	BRL		0.91	10	ug/L	212428	1	09/04/2015 12:53	CH
Chloroform	4.0	J	0.79	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Chloromethane	BRL		1.3	10	ug/L	212428	1	09/04/2015 12:53	CH
cis-1,2-Dichloroethene	BRL		0.80	5.0	ug/L	212428	1	09/04/2015 12:53	CH
cis-1,3-Dichloropropene	BRL		1.1	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Cyclohexane	BRL		1.2	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Dibromochloromethane	BRL		0.68	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Dichlorodifluoromethane	BRL		0.71	10	ug/L	212428	1	09/04/2015 12:53	CH
Ethylbenzene	BRL		0.29	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Freon-113	BRL		1.0	10	ug/L	212428	1	09/04/2015 12:53	CH
Isopropylbenzene	BRL		0.72	5.0	ug/L	212428	1	09/04/2015 12:53	CH
m,p-Xylene	BRL		0.42	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Methyl acetate	BRL		0.60	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Methyl tert-butyl ether	BRL		0.62	5.0	ug/L	212428	1	09/04/2015 12:53	CH
Methylcyclohexane	BRL		0.70	5.0	ug/L	212428	1	09/04/2015 12:53	CH

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-9
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 2:45:00 PM
<b>Lab ID:</b>	1509146-008	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Tetrachloroethene	10	0.93	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 12:53	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 12:53	CH	
Surr: 4-Bromofluorobenzene	92.2	0	70.6-123	%REC	212428	1	09/04/2015 12:53	CH	
Surr: Dibromofluoromethane	103	0	78.7-124	%REC	212428	1	09/04/2015 12:53	CH	
Surr: Toluene-d8	93.9	0	81.3-120	%REC	212428	1	09/04/2015 12:53	CH	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	IW-1
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 12:37:00 PM
<b>Lab ID:</b>	1509146-009	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 13:17	CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 13:17	CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 13:17	CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 13:17	CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 13:17	CH	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 13:17	CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 13:17	CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 13:17	CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 13:17	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	IW-1
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/1/2015 12:37:00 PM
<b>Lab ID:</b>	1509146-009	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Tetrachloroethene	30	0.93	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/04/2015 13:17	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 13:17	CH	
Surr: 4-Bromofluorobenzene	90.1	0	70.6-123	%REC	212428	1	09/04/2015 13:17	CH	
Surr: Dibromofluoromethane	96.1	0	78.7-124	%REC	212428	1	09/04/2015 13:17	CH	
Surr: Toluene-d8	89.9	0	81.3-120	%REC	212428	1	09/04/2015 13:17	CH	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-37
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 8:10:00 AM
<b>Lab ID:</b>	1509146-010	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst	
<b>TCL VOLATILE ORGANICS SW8260B</b>										
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/04/2015 13:40		CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/04/2015 13:40		CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/04/2015 13:40		CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/04/2015 13:40		CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/04/2015 13:40		CH	
Chloroform		9.0	0.79	5.0	ug/L	212428	1	09/04/2015 13:40		CH
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/04/2015 13:40		CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/04/2015 13:40		CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/04/2015 13:40		CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/04/2015 13:40		CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/04/2015 13:40		CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-37
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 8:10:00 AM
<b>Lab ID:</b>	1509146-010	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Tetrachloroethene	19	0.93	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Trichlorofluoromethane	16	0.98	5.0	ug/L	212428	1	09/04/2015 13:40	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/04/2015 13:40	CH	
Surr: 4-Bromofluorobenzene	89.9	0	70.6-123	%REC	212428	1	09/04/2015 13:40	CH	
Surr: Dibromofluoromethane	102	0	78.7-124	%REC	212428	1	09/04/2015 13:40	CH	
Surr: Toluene-d8	94.8	0	81.3-120	%REC	212428	1	09/04/2015 13:40	CH	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-38
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 9:00:00 AM
<b>Lab ID:</b>	1509146-011	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL		0.67	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,1,2,2-Tetrachloroethane	BRL		0.93	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,1,2-Trichloroethane	BRL		1.3	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,1-Dichloroethane	BRL		0.91	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,1-Dichloroethene	BRL		1.5	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2,4-Trichlorobenzene	BRL		0.79	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2-Dibromo-3-chloropropane	BRL		0.25	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2-Dibromoethane	BRL		0.52	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2-Dichlorobenzene	BRL		0.68	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2-Dichloroethane	BRL		0.79	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,2-Dichloropropane	BRL		0.84	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,3-Dichlorobenzene	BRL		0.61	5.0	ug/L	212428	1	09/05/2015 02:35	AR
1,4-Dichlorobenzene	BRL		0.83	5.0	ug/L	212428	1	09/05/2015 02:35	AR
2-Butanone	BRL		8.1	50	ug/L	212428	1	09/05/2015 02:35	AR
2-Hexanone	BRL		3.5	10	ug/L	212428	1	09/05/2015 02:35	AR
4-Methyl-2-pentanone	BRL		1.9	10	ug/L	212428	1	09/05/2015 02:35	AR
Acetone	BRL		3.2	50	ug/L	212428	1	09/05/2015 02:35	AR
Benzene	BRL		0.61	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Bromodichloromethane	BRL		0.78	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Bromoform	BRL		0.66	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Bromomethane	BRL		1.1	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Carbon disulfide	BRL		1.9	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Carbon tetrachloride	BRL		0.42	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Chlorobenzene	BRL		0.35	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Chloroethane	BRL		0.91	10	ug/L	212428	1	09/05/2015 02:35	AR
Chloroform	4.2	J	0.79	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Chloromethane	BRL		1.3	10	ug/L	212428	1	09/05/2015 02:35	AR
cis-1,2-Dichloroethene	BRL		0.80	5.0	ug/L	212428	1	09/05/2015 02:35	AR
cis-1,3-Dichloropropene	BRL		1.1	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Cyclohexane	BRL		1.2	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Dibromochloromethane	BRL		0.68	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Dichlorodifluoromethane	4.0	J	0.71	10	ug/L	212428	1	09/05/2015 02:35	AR
Ethylbenzene	BRL		0.29	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Freon-113	BRL		1.0	10	ug/L	212428	1	09/05/2015 02:35	AR
Isopropylbenzene	BRL		0.72	5.0	ug/L	212428	1	09/05/2015 02:35	AR
m,p-Xylene	BRL		0.42	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Methyl acetate	BRL		0.60	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Methyl tert-butyl ether	BRL		0.62	5.0	ug/L	212428	1	09/05/2015 02:35	AR
Methylcyclohexane	BRL		0.70	5.0	ug/L	212428	1	09/05/2015 02:35	AR

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-38
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 9:00:00 AM
<b>Lab ID:</b>	1509146-011	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Tetrachloroethene	14	0.93	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Trichlorofluoromethane	20	0.98	5.0	ug/L	212428	1	09/05/2015 02:35	AR	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/05/2015 02:35	AR	
Surr: 4-Bromofluorobenzene	83.5	0	70.6-123	%REC	212428	1	09/05/2015 02:35	AR	
Surr: Dibromofluoromethane	98.9	0	78.7-124	%REC	212428	1	09/05/2015 02:35	AR	
Surr: Toluene-d8	87.6	0	81.3-120	%REC	212428	1	09/05/2015 02:35	AR	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-39
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 9:15:00 AM
<b>Lab ID:</b>	1509146-012	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/05/2015 03:01	AR	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/05/2015 03:01	AR	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/05/2015 03:01	AR	
Acetone	BRL	3.2	50	ug/L	212428	1	09/05/2015 03:01	AR	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/05/2015 03:01	AR	
Chloroform	2.4	J	0.79	5.0	ug/L	212428	1	09/05/2015 03:01	AR
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/05/2015 03:01	AR	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/05/2015 03:01	AR	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/05/2015 03:01	AR	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/05/2015 03:01	AR	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	MW-39
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015 9:15:00 AM
<b>Lab ID:</b>	1509146-012	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b> <b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Tetrachloroethene	8.9	0.93	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Trichlorofluoromethane	6.2	0.98	5.0	ug/L	212428	1	09/05/2015 03:01	AR	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/05/2015 03:01	AR	
Surr: 4-Bromofluorobenzene	82.5	0	70.6-123	%REC	212428	1	09/05/2015 03:01	AR	
Surr: Dibromofluoromethane	103	0	78.7-124	%REC	212428	1	09/05/2015 03:01	AR	
Surr: Toluene-d8	92.5	0	81.3-120	%REC	212428	1	09/05/2015 03:01	AR	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	TRIP BLANK
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015
<b>Lab ID:</b>	1509146-013	<b>Matrix:</b>	Aqueous

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
1,1,1-Trichloroethane	BRL	0.67	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,1,2,2-Tetrachloroethane	BRL	0.93	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,1,2-Trichloroethane	BRL	1.3	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,1-Dichloroethane	BRL	0.91	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,1-Dichloroethene	BRL	1.5	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2,4-Trichlorobenzene	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2-Dibromo-3-chloropropane	BRL	0.25	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2-Dibromoethane	BRL	0.52	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2-Dichlorobenzene	BRL	0.68	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2-Dichloroethane	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,2-Dichloropropane	BRL	0.84	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,3-Dichlorobenzene	BRL	0.61	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
1,4-Dichlorobenzene	BRL	0.83	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
2-Butanone	BRL	8.1	50	ug/L	212428	1	09/03/2015 19:36	CH	
2-Hexanone	BRL	3.5	10	ug/L	212428	1	09/03/2015 19:36	CH	
4-Methyl-2-pentanone	BRL	1.9	10	ug/L	212428	1	09/03/2015 19:36	CH	
Acetone	BRL	3.2	50	ug/L	212428	1	09/03/2015 19:36	CH	
Benzene	BRL	0.61	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Bromodichloromethane	BRL	0.78	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Bromoform	BRL	0.66	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Bromomethane	BRL	1.1	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Carbon disulfide	BRL	1.9	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Carbon tetrachloride	BRL	0.42	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Chlorobenzene	BRL	0.35	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Chloroethane	BRL	0.91	10	ug/L	212428	1	09/03/2015 19:36	CH	
Chloroform	BRL	0.79	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Chloromethane	BRL	1.3	10	ug/L	212428	1	09/03/2015 19:36	CH	
cis-1,2-Dichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
cis-1,3-Dichloropropene	BRL	1.1	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Cyclohexane	BRL	1.2	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Dibromochloromethane	BRL	0.68	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Dichlorodifluoromethane	BRL	0.71	10	ug/L	212428	1	09/03/2015 19:36	CH	
Ethylbenzene	BRL	0.29	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Freon-113	BRL	1.0	10	ug/L	212428	1	09/03/2015 19:36	CH	
Isopropylbenzene	BRL	0.72	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
m,p-Xylene	BRL	0.42	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Methyl acetate	BRL	0.60	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Methyl tert-butyl ether	BRL	0.62	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Methylcyclohexane	BRL	0.70	5.0	ug/L	212428	1	09/03/2015 19:36	CH	

**Qualifiers:** \* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

NC Not confirmed

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

&gt; Greater than Result value

&lt; Less than Result value

Narr See case narrative

**Analytical Environmental Services, Inc**
**Date:** 8-Sep-15

<b>Client:</b>	American Environmental & Construction Services Inc	<b>Client Sample ID:</b>	TRIP BLANK
<b>Project Name:</b>	Silverstein	<b>Collection Date:</b>	9/2/2015
<b>Lab ID:</b>	1509146-013	<b>Matrix:</b>	Aqueous

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260B</b>									
<b>(SW5030B)</b>									
Methylene chloride	BRL	0.94	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
o-Xylene	BRL	0.24	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Styrene	BRL	0.57	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Tetrachloroethene	BRL	0.93	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Toluene	BRL	0.49	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
trans-1,2-Dichloroethene	BRL	0.89	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
trans-1,3-Dichloropropene	BRL	1.0	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Trichloroethene	BRL	0.80	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Trichlorofluoromethane	BRL	0.98	5.0	ug/L	212428	1	09/03/2015 19:36	CH	
Vinyl chloride	BRL	0.74	2.0	ug/L	212428	1	09/03/2015 19:36	CH	
Surr: 4-Bromofluorobenzene	89	0	70.6-123	%REC	212428	1	09/03/2015 19:36	CH	
Surr: Dibromofluoromethane	91	0	78.7-124	%REC	212428	1	09/03/2015 19:36	CH	
Surr: Toluene-d8	87.9	0	81.3-120	%REC	212428	1	09/03/2015 19:36	CH	

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

# Analytical Environmental Services, Inc.

## Sample/Cooler Receipt Checklist

Client AECs

Work Order Number 1509146

Checklist completed by Allen Tz Date 9/2/15  
Signature

Carrier name: FedEx  UPS  Courier  Client  US Mail  Other \_\_\_\_\_

Shipping container/coolers in good condition? Yes  No  Not Present

Custody seals intact on shipping container/coolers? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Container/Temp Blank temperature in compliance? (0°≤6°C)\* Yes  No

Cooler #1 3.1 Cooler #2 \_\_\_\_\_ Cooler #3 \_\_\_\_\_ Cooler #4 \_\_\_\_\_ Cooler #5 \_\_\_\_\_ Cooler #6 \_\_\_\_\_

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Was TAT marked on the COC? Yes  No

Proceed with Standard TAT as per project history? Yes  No  Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Sample Condition: Good  Other(Explain) \_\_\_\_\_

(For diffusive samples or AIHA lead) Is a known blank included? Yes  No

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.

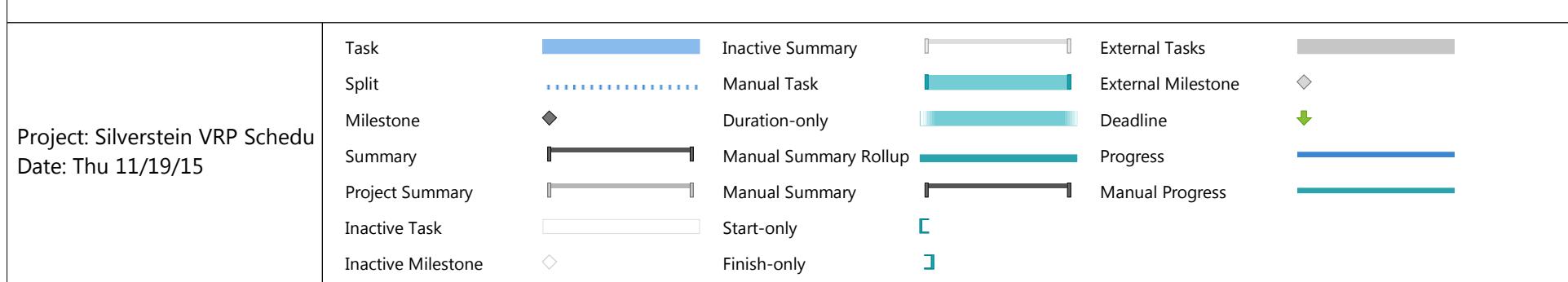
\Aes\_server\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recpt\_Checklist\_Rev1.rtf

# Appendix D

## Milestone Schedule

## Appendix D - Silverstein VRP Schedule

ID	Task Name	Duration	Start	Finish	21 8/16	11/1	January 1 1/17	4/3	June 11 6/19	9/4	November 21 11/20	2/5	May 1 4/23	7/9
1	Submit VRP Application to EPD	1 day	Tue 12/1/15	Tue 12/1/15										
2	EPD Review and Approval of VRP Application	88 days	Wed 12/2/15	Fri 4/1/16										
3	Semi Annual Report #1	132 days	Fri 4/1/16	Mon 10/3/16										
4	Semi Annual Report #2	131 days	Mon 10/3/16	Mon 4/3/17										
5	Semi Annual Report #3	131 days	Mon 4/3/17	Mon 10/2/17										
6	Semi Annual Report #4	131 days	Mon 10/2/17	Mon 4/2/18										
7	Semi Annual Report #5	131 days	Mon 4/2/18	Mon 10/1/18										
8	Semi Annual Report #6	131 days	Mon 10/1/18	Mon 4/1/19										
9	Semi Annual Report #7	132 days	Mon 4/1/19	Tue 10/1/19										
10	Semi Annual Report #8	132 days	Tue 10/1/19	Wed 4/1/20										
11	Semi Annual Report #9	132 days	Wed 4/1/20	Thu 10/1/20										

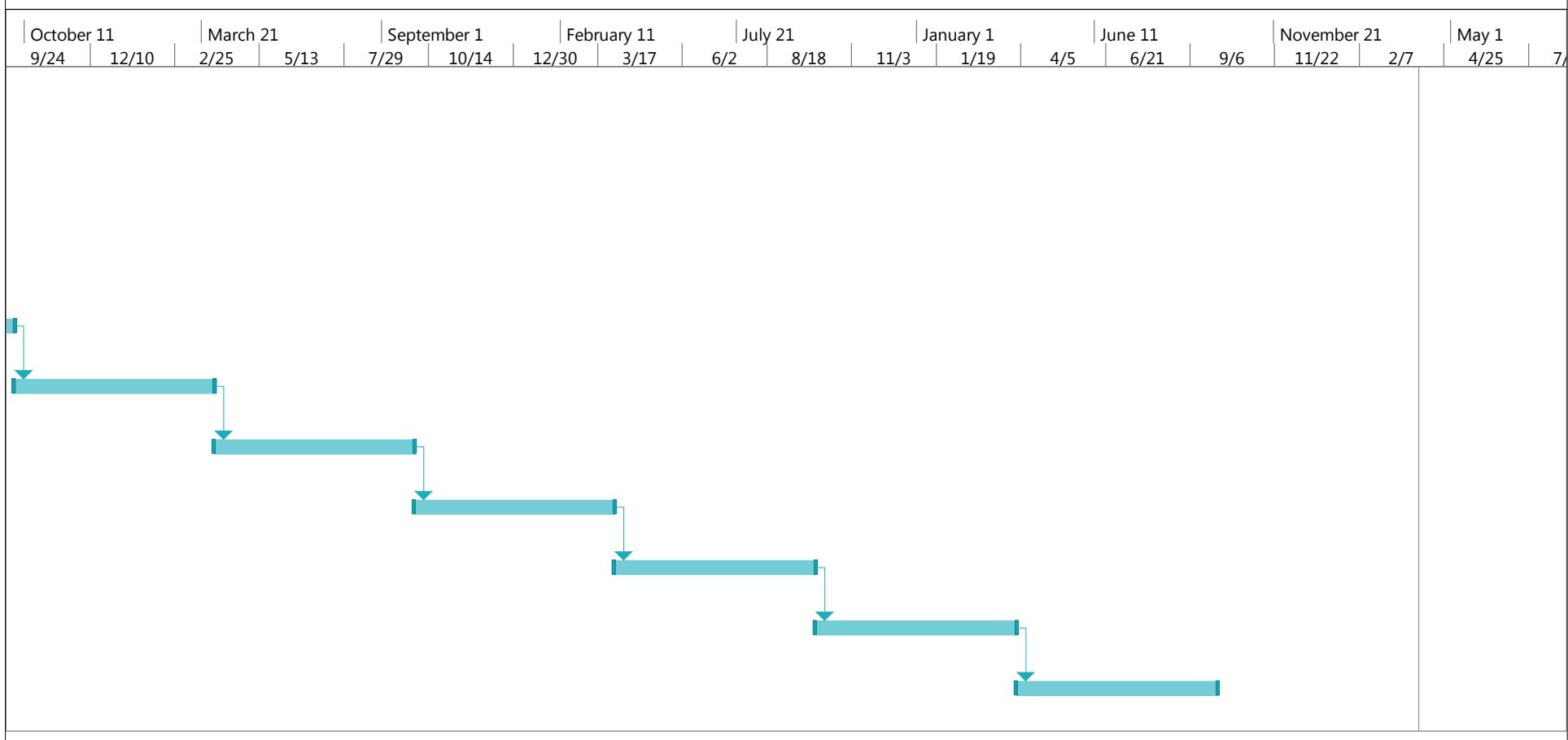


## Appendix D - Silverstein VRP Schedule

ID	Task Name	Duration	Start	Finish	Timeline
12	Horizontal delineation of release and associated COC's	261 days	Fri 4/1/16	Fri 3/31/17	8/16   11/1   January 1   4/3   June 11   9/4   November 21   11/20   2/5   May 1   4/23   7/9
13	Horizontal delineation of release and associated COC's extending onto property for which access was not granted at the time of enrollment	522 days	Fri 4/1/16	Mon 4/2/18	
14	Update CSM	652 days	Fri 4/1/16	Mon 10/1/18	
15	CSR and requisite certification	1305 days	Fri 4/1/16	Thu 4/1/21	

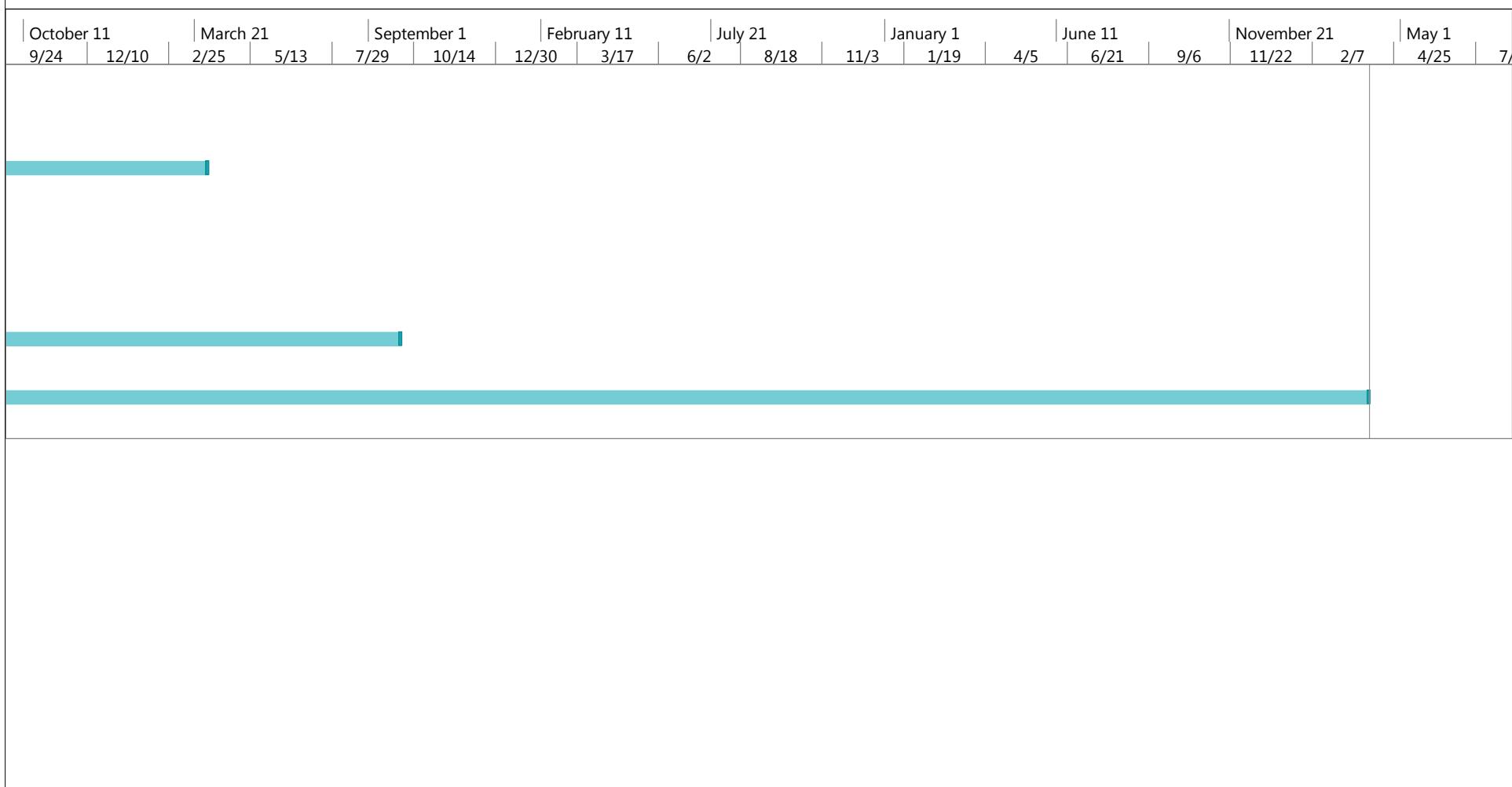
Project: Silverstein VRP Schedule Date: Thu 11/19/15	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			

## Appendix D - Silverstein VRP Schedule



<b>Project: Silverstein VRP Schedule</b> <b>Date: Thu 11/19/15</b>	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			

## Appendix D - Silverstein VRP Schedule



Project: Silverstein VRP Schedule Date: Thu 11/19/15	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			