VOLUNTARY REMEDIATION PROGRAM
VOLUNTARY REMEDIATION PLAN APPLICATION

Date: July 9, 2010

Site Name: Fashion Care/Executive Care Site, HSI No. 10786

Site Address: 2211 Savoy Drive, Chamblee, Georgia

County: DeKalb

This electronic copy of the Voluntary Remediation Plan Application for the above referenced Fashion Care/Executive Care Site, HSI No. 10786, 2211 Savoy Drive, Chamblee, Georgia, DeKalb County is complete, identical to the paper copy, and virus free.

Voluntary Remediation Plan Application
Voluntary Remediation Program

Fashion Care/Executive Care Site
HSI No. 10786
2211 Savoy Drive, Chamblee, DeKalb County, Georgia

Prepared For

John F. Rowan, Sr. Item IV Trust
1300 Hestertown Road
Madison, GA 30650

Prepared by

WINTER ENVIRONMENTAL
Project No. 08096

July 9, 2010

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VRP APPLICANT INFORMATION					
COMPANY NAME	John F. Rowan, Sr., Item IV Trust				
CONTACT PERSON/TITLE	Catherine Norris, Representative				
ADDRESS	P.O. Box 82, Rancho Santa Fe, CA 92067				
PHONE	(206) 240-8631	*FAX*	N/A	*E-MAIL*	catnorr@gmail.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Leonard J. Diprima, Jr.			*GA PE/PG NUMBER*	949
COMPANY	Winter Environmental (The Winter Construction Company)				
ADDRESS	3350 Green Pointe Parkway, Suite 200, Norcross, GA 30092				
PHONE	(404) 965-3348	*FAX*	(404) 233-6251	*E-MAIL*	Ldiprima@winter-environmental.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)	Catherine Norris, Trustee	DATE	7/9/10

QUALIFYING PROPERTY INFORMATION			
TAX PARCEL ID	18-343-13-002	*PROPERTY SIZE (ACRES)*	0.61
PROPERTY ADDRESS	2211 Savoy Drive		
CITY	Chamblee	*COUNTY*	DeKalb
LATITUDE	33° 55' 08.82" N	*LONGITUDE*	84° 17' 52.56" W
PROPERTY OWNER(S)	John F. Rowan, Sr., Item IV Trust	*PHONE #*	(206) 240-8631
MAILING ADDRESS	P.O. Box 82		
CITY	Rancho Santa Fe	*STATE/ZIP*	CA 92067
TAX PARCEL ID	18-343-13-005	*PROPERTY SIZE (ACRES)*	0.51
PROPERTY ADDRESS	4306 North Peachtree Road		
CITY	Chamblee	*COUNTY*	DeKalb
LATITUDE	33° 55' 08.05" N	*LONGITUDE*	84° 17' 54.35" W
PROPERTY OWNER(S)	Mr. H.A. Rowan, Southern Automatic Company	*PHONE #*	
MAILING ADDRESS	4420 Tree Haven Drive, NE		
CITY	Atlanta	*STATE/ZIP*	GA 30342-3426
TAX PARCEL ID	18-343-13-001	*PROPERTY SIZE (ACRES)*	0.69
PROPERTY ADDRESS	4308 North Peachtree Road		
CITY	Chamblee	*COUNTY*	DeKalb
LATITUDE	33° 55' 08.98" N	*LONGITUDE*	84° 17' 51.14" W
PROPERTY OWNER(S)	Mr. Marvin Hewatt, Georgia-Alabama Commercial Investments, LLC	*PHONE #*	
MAILING ADDRESS	2875 University Parkway		
CITY	Lawrenceville	*STATE/ZIP*	Georgia 30043

TAX PARCEL ID	18-333-02-023	*PROPERTY SIZE (ACRES)*	10.45		
PROPERTY ADDRESS	No street address				
CITY	Chamblee	*COUNTY*	DeKalb		
LATITUDE	33° 55’ 06.82” N	*LONGITUDE*	84° 17’ 54.51” W		
PROPERTY OWNER(S)	Asl Limited Partnership	*PHONE #*			
MAILING ADDRESS	1515 S. Federal Hwy., #300				
CITY	Boca Raton	*STATE/ZIP*		FL 33432-7451	

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.	Attached	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	Appendix A	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Figure 2	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	Enclosed	
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 during the preceding period. A Gantt chart format is preferred for the milestone schedule. 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:	Enclosed	
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;	**Complete Section 6, Figures 5 & 6**	

		Tables 2, 4, 5 &6	
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;	**Complete Section 6, Figures 5 & 6 Tables 2, 4, 5 &6**	
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	**To be completed**	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	**To be completed**	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:** "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. 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. 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." Leonard J. Diprima, Jr. / Georgia PG #949 Printed Name and GA PE/PG Number 7/9/2010 Date Signature and Stamp LEONARD J. DIPRIMA, JR. No. 949 REGISTERED PROFESSIONAL GEOLOGIST		

VOLUNTARY REMEDIATION PLAN FORM 03/30/2010

Section 1
Introduction

Winter Environmental has prepared this Voluntary Remediation Plan Application (VRPA) for the Fashion Care/Executive Care Site (Site), Hazardous Site Inventory (HSI) No. 10786, located at 2211 Savoy Drive, Chamblee, DeKalb County, Georgia, on behalf of the John F. Rowan, Sr. Item IV Trust (Trust). The Site location is presented on Figure 1. The VRPA is intended for review by the Georgia Environmental Protection Division (EPD) under the Voluntary Remediation Program Act (Act). This VRPA was prepared in response to correspondence from the HSRA Program to the Trust dated February 23, 2010, which presented a proposed Consent Order under the Hazardous Sites Response (HSRA) Program and also requested a revised Corrective Action Plan (CAP) be submitted by July 1, 2010. This VRPA is submitted in place of a revised HSRA CAP and is intended, if approved by the EPD, to move the Site from the HSRA Program into the Voluntary Remediation Program (VRP).

The Trust property and other impacted properties statuses have been reviewed, and each meets the requirements of a "qualifying property" as defined by the Act. The Trust property is currently listed on the HSI for a release of chlorinated solvents in soil. None of the properties are listed on the federal National Priorities List; are not undergoing response activities required by the United States Environmental Protection Division (USEPA); are not a permitted facility under the Resource Conversation Recovery Act (RCRA); and do not have any liens filed against the property pursuant to OCGA 12-8-96(e) or 12-13-12(b). All of the properties are impacted by a release of regulated chemicals to the environment. The Trust property is identified as parcel 18-343-13-002. Other properties impacted by the release of regulated chemicals from the Trust property include parcels 18-343-13-005, 18-343-13-001, and 18-333-02-023, which have been identified through the horizontal delineation of the release. Figure 2 is a tax parcel map that shows the location of these properties. Access to these properties for delineation purposes has been obtained through access agreements executed between the Trust and the owners of each property. Warranty Deeds for these qualifying properties are in Appendix A.

The Trust property currently has a single, one-story building that contains a drycleaner on the west side with on site cleaning, and a restaurant on the east side. A drycleaner has been located in the building since the building was constructed in the 1960's. The east side of the building has contained various retail businesses. The remainder of the property is paved with asphalt.

Parcel 18-343-13-005, street address 4306 North Peachtree Road, Chamblee, Georgia is immediately to the west, and is owned by Mr. H.A. Rowan, Southern Automatic Company, 4420 Tree Haven Drive, NE, Atlanta, GA 30342-3426. The property has a single, one-story building that contains a dentist office, a beauty shop, and other retail stores. The remainder of the property is paved with asphalt.

Parcel 18-343-13-001, street address 4308 North Peachtree Road, Chamblee, Georgia is immediately to the east, is owned by Mr. Marvin Hewatt, Georgia-Alabama Commercial Investments, LLC, 2875

University Parkway, Lawrenceville, Georgia 30043. The property has a single, one-story building that contains a gas station (UST Facility I.D. No. 900341*1; EZ-Serve Site). The remainder of the property is paved with asphalt and concrete. This property is currently undergoing remediation through the EPD Underground Storage Tank Management Program (UST Program). A dual-phase extraction system is operating to recover free-phase gasoline on the property. The dissolved phase gasoline constituents have migrated off the property the south and west. The current remediation system is not designed to address the groundwater plume. The plume has comingled with the dissolved-phase chlorinated solvent plume originating from the Trust property. The UST remediation is being conducted by the UST Program, by a UST Program contractor.

Parcel 18-333-02-023, has no street address and is immediately to the east. It is owned by Asl Limited Partnership, 1515 S. Federal Hwy., #300. Boca Raton, FL 33432-7451; and is wooded, undeveloped property. The south side of the parcel borders Nancy Creek.

As stated above, the Site has a release of chlorinated solvents that originated from historical drycleaner operations that utilized tetrachloroethene (PCE). The current drycleaner tenant recently discontinued the use of PCE in their operations and replaced the PCE machine with a non-chlorinated solvent based drycleaning machine. No PCE remains on the Site and the last suspected source of a continued release, a leaking sanitary sewer collection sump that was part of the original building construction in the rear of the building, has been resealed. The constituents of interest (COI) established during the HSRA investigation, and approved by the HSRA Program, are PCE and its regulated degradation constituents and are listed in Table 1.

Section 2
Previous Environmental Investigations

Prior to Winter Environmental's involvement, several phases of soil investigation had been conducted under the HSRA Program at the Site by Epic Consulting, Inc. of Atlanta, Georgia (Epic). The Epic soil investigations were conducted in August 2006 and April 2007. The focus of Epic's investigations was to define the extent of HSRA regulated chemicals in soil above non-residential risk reduction standards (RRS). Petroleum constituents associated with historical releases from the adjacent Former E-Z Serve Underground Storage Tank (UST) site were also identified in soil on the Site above applicable Georgia UST Program Threshold Levels.

On May 31, 2007, Epic submitted a Revised CAP to the HSRA Program, proposing *in situ* chemical oxidation of chlorinated solvent impacted soil at the Fashion Care Site. This revised CAP was approved by the HSRA Program in correspondence dated December 28, 2007 with a number of conditions. Primary among these was the recommendation by the HSRA Program that a remediation process be utilized that would address both impacted soil and groundwater at the Site, and a reminder that chlorinated solvent groundwater impacts had neither been delineated nor addressed in the May 31, 2007 Revised CAP.

The Trust placed Winter Environmental under contract to move forward with implementation of the CAP, with a focus on addressing both soil and groundwater impacts at the Site. Since 2008, Winter Environmental has defined the horizontal extent of the COI groundwater plume, conducted a chemical oxidation event to attempt to remediate soil impacts, and collected additional soil samples for delineation and to determine the effectiveness of the chemical oxidation event. Soil analytical data collected at the Site is presented in Table 2. All groundwater samples collected by Winter Environmental since 2008, and those collected by the UST Program for the adjacent UST site in 2008, are presented in Table 3. The most recent groundwater samples collected by Winter Environmental in 2010 are presented in Table 4. Surface water samples collected from Nancy Creek by Winter Environmental in 2008 and 2010 are presented in Table 5. Sediment samples collected from Nancy Creek by Winter Environmental in 2010 are presented in Table 6. Soil sample locations collected under the HSRA Program are shown on Figures 3 and 4. Groundwater sample locations for the Site are presented on Figure 5. Surface water and sediment sample locations are presented on Figure 5. A compact disk containing boring logs and monitoring well construction logs installed by Winter Environmental is in Appendix B. Previous data produced by Epic was presented to the HSRA Program in the May 31, 2007 Revised CAP. Sample collection logs and laboratory analytical data reports will be submitted with the VRP Compliance Status Report, unless requested by EPD at an earlier date.

Section 3
Previous Corrective Actions

Winter Environmental implemented, with some EPD approved modifications, the soil remediation approved in the HSRA May 31, 2007 Revised CAP prepared by Epic. A treatability study was conducted for designing the remediation of the soil above RRS using insitu chemical oxidation. A treatability study report was prepared by ExoTech, Inc. of Lilburn, Georgia. Prior to the remediation event an Underground Injection Permit was obtained from the EPD; UIC Permit #393. A total of 21 soil injection wells were installed in and around the impacted soil area that was to be treated using sodium persulfate. The location of the injection wells relative to the impacted soil area is shown on Figure 3. The injection event was conducted on March 18 and March 19, 2009, injecting 4,480 lbs of sodium persulfate activated with 66 lbs of chelated iron, using 2,200 gallons of mixture. An Injection Summary report prepared was prepared by ExoTech, Inc. following the remediation event.

On May 8, 2009 and May 18, 2009, soil remediation confirmation samples were collected following the soil chemical injection event. Soil samples were collected from nine sample locations, SB-28 through SB-36, as requested by the EPD. The confirmation sample locations are shown on Figure 4. Samples were collected from three intervals from each boring; 0 to 2 feet bgs, approximately midway to the water table, and from the approximate two foot interval immediately above the water table. The confirmation soil sample laboratory results are presented in Table 7. The post-chemical oxidation sample results showed concentrations with little or no reduction, and some cases significantly higher concentrations of constituents than the pre-remediation design concentrations. Previously, the highest concentration of PCE in soil, 18.0 mg/kg, was in SB-27 at 0 to 2 feet bgs, immediately beneath the historical source, the old PCE drycleaner machine. PCE concentrations in the post-remediation samples were higher on average at all locations than seen in the 2006 and 2007 Epic data, with concentrations up to 3,800 mg/kg at SB-32, 6 to 8 feet bgs. Tetrachloroethene (TCE) and cis-1,2-dichloroethene were also found above non-residential RRS at higher concentrations than had been seen in previous soil samples collected at the Site. Non-residential RRS exceedances of one or more of these constituents were found in all but one of the confirmation sample locations, SB-29. These higher concentrations appeared to be the result of the continued release of hazardous substances by the current drycleaning operations. Further releases were mitigated by the removal of the PCE drycleaning equipment from the Site and sealing of the sanitary system sump in the rear of the building. No additional soil remediation has been conducted at the Site. A summary of the soil remediation event was submitted to the EPD HSRA Program in correspondence dated September 10, 2009.

No active groundwater remediation has been conducted at the Site.

Section 4
Site Topography/Geology/Hydrogeology

Topography across the Site based upon visual relief and survey elevations of soil borings and monitoring wells, slopes gently to the south-southwest from Savoy Drive to Nancy Creek. The banks of Nancy Creek adjacent to the Site are near vertical, dropping approximately 10 to 12 feet to the normal water level. On the south side of Nancy Creek, across from the Site, the topography begins to immediately rise approximately 260 feet to a knoll.

Surficial geology across the Site consists primarily of reddish-brown silt with varying minor amounts of sand and clay, overlying a grey to tan and grey silty sand to sandy silt with pebbles; which overlies a hard, dry silt of varying color across the Site. All of the soil encountered is residual soil becoming more saprolitic with relict rock structure with depth. The water table in May 2010 was present at approximately 12 feet below grade to approximately 9 feet below grade near Nancy Creek. The saturated soil zone appears to be divided into an upper and lower water bearing zone, separated by the hard, dry silt indicated above. The thickness of the potential upper water bearing zone appears to be greater near Savoy Drive and thins as Nancy Creek is approached. This is based upon the evidence that the upper water bearing zone is thinner adjacent to Nancy Creek where saturated conditions are encountered in borings as shallow as 5 feet below grade and the hard dry silt is encountered at 8 to 16 feet below grade. The hard dry silt appears to generally correspond to the streambed of Nancy Creek adjacent to the Site. It is theorized that the hard dry silt has not been encountered in the borings near Savoy Drive because all the boring have penetrated the water table generally no more than 7 to 8 feet to set shallow wells and the upper water bearing zone in this area is thicker. Installation of a deeper Type III monitoring well near the Fashion Care building as part of the VRP will attempt to verify this division in the water table aquifer on Site. This could be significant in the evaluation of vertical extent of groundwater impacts. It is possible that the deep well, MW-23D, installed by the UST Program contractor, may have penetrated the dry silt separating the shallow water bearing zones and provided a conduit for vertical migration of COI. MW-23D is the only deep well on Site and has screen set at the top of bedrock at 55 feet below grade. Boring and monitoring well construction logs installed by Winter Environmental, and installed by the UST Program contractor for the EZ-Serve gas station site are included in Appendix B.

Potentiometric surface maps were constructed using the monitoring wells on Site, was constructed for the water table aquifer based upon measurements collected on March 28, 2010 and May 28, 2010. The potentiometric surface maps are presented on Figures 6 and 7. Based upon these measurements, groundwater flow is generally to the south-southwest toward Nancy Creek across the Site. Water table measurements collected by Winter Environmental in 2008 and 2010 are presented in Table 7.

Slug tests were conducted in monitoring wells FMW-4 and FMW-5 to determine hydraulic conductivity in the water table shallow water bearing zones. The hydraulic conductivity ranged from 0.00011 feet per second (FMW-4, slug-out) to 0.00025 feet per second (FMW-5, slug-out). The hydraulic gradient

across the site is approximately 0.0122 ft/ft based upon May 28, 2010 water table measurements between SB-24 and FMW-6. Slug test data is presented in Appendix B.

Section 5
Extent of Soil, Groundwater, Surface Water, and Sediment Impacts

The data collected during the Epic investigations and the Winter Environmental investigation were used to determine the extent of COI in the various media at the Site. All Winter Environmental sample locations and existing structures on Site were surveyed by a Georgia registered land surveyor. The Epic sample locations were determined from figures in the May 31, 2007 Revised CAP prepared by Epic.

5.1 Extent of COI in Soil

The estimated extent of soil impacts relative to HSRA Type 1 RRS is presented on Figure 4. This figure is based upon the soil samples collected from the treated area following the soil remediation event conducted in 2008, and from soil samples collected by Epic outside the soil remediation event area. Soil impacts above the VRP delineation criteria used for this Site (HSRA Type 1 RRS) is limited to the Trust property. Specifically, soil impacts are present beneath the south-southwestern corner of the building and extend horizontally to a limited area just outside the building. Impacts extend vertically from immediately beneath the building's concrete slab and asphalt outside, to the water table approximately 12 feet below ground surface (bgs). Soil analytical data is presented in Table 2.

5.2 Extent of COI in Groundwater

The estimated extent of COI in groundwater relative to HSRA Type 1 RRS based upon May and June 2010 data is presented on Figure 7. This is based upon groundwater samples collected in March and June of 2010. The analytical data used to prepare Figure 7 are presented in Table 4. UST release constituents in groundwater across the Site are also presented in Tables 3 and 4. Groundwater COI have migrated to the south-southwest from the release area and the plume has intersected Nancy Creek. The properties affected by COI at concentrations above the VRP delineation criteria used for this Site (HSRA Type 1 RRS), in addition to the Trust property, are parcels 18-343-13-005, 18-343-13-001, and 18-333-02-023. The COI groundwater plume has been extended to the northwest by the operation of the DPE remediation system operating on the UST site based upon a comparison of 2008 groundwater data collected prior to the DPE operating, and 2010 groundwater data collected since the DPE system has been in operation.

5.3 Extent of COI in Surface Water

Surface water samples have been collected by Winter Environmental in 2008 and 2010. Surface water samples were collected at three locations shown on Figure 5 during each sampling event; SW-1 upstream of the intersecting groundwater plume, SW-2 and SW-3 within the area where the groundwater plume intersects the creek. Based upon the samples collected by Winter Environmental in 2008 and 2010, surface water is not being impacted above standard laboratory method practical quantitation limits (PQLs) as a result of the COI groundwater plume discharging to Nancy Creek. Table 5 presents the surface water analytical data collected by Winter Environmental. Surface water data

collected from the Site by Epic, and presented in the May 31, 2007 Revised CAP, also did not detect COI above PQLs.

5.4 Extent of COI in Sediment

Sediment samples were collected at three locations shown on Figure 5 in May 2010; SD-3 upstream of the intersecting groundwater plume, SD-2 within the area where the groundwater plume intersects the creek, and SD-1 down stream of the area where the groundwater plume intersects the creek. Based upon the sediment samples collected by Winter Environmental in 2010, sediments are not being impacted above standard laboratory method PQLs for COI as a result of the groundwater plume discharging to Nancy Creek. Table 6 presents the sediment analytical data.

Section 6
Exposure Pathways and Potential Receptors

An evaluation of potential exposure pathways and receptors was conducted for the Site based upon the data collected to date. A conceptual site model of the exposure pathways for the Site, discussed below, is shown as Figure 8. The exposure pathways evaluated include:

- Potential exposure to vapor-phase COI from impacted soil and groundwater;
- Potential exposure to COI in soil;
- Potential exposure to COI in groundwater;
- Potential exposure to COI in surface water; and
- Potential exposure to COI in sediment.

It was concluded that the following exposure pathways are currently incomplete:

- Exposure to COI in soil due to the impacted soil area being covered by asphalt and concrete;
- Exposure to COI in groundwater because there are no groundwater users in the area overlying the groundwater plume;
- Exposure to COI in surface water because several rounds of surface water samples have not detected COI; and
- Exposure to COI in sediment because sediments samples collected at the Site did not detect COI.

It has been assumed that the exposure pathway for vapor-phase COI into the building on the Trust property is complete based upon the high concentrations of COI in soil and groundwater beneath the building; therefore, no vapor modeling was conducted. Vapor sampling was not conducted within the building because chlorinated solvents had been used in the drycleaner area since the 1960's until 2009, and representative samples of vapor-phase COI emanating from soil and groundwater would be difficult to collect. Based upon the assumption that the vapor-phase pathway is complete, and human exposure is possible, engineering controls will be implemented under the VRP to mitigate this exposure pathway. These engineering controls are discussed in Section 7.1.

It has been conservatively determined that the following exposure pathways have the potential to become complete in specific circumstances in the future on one or more of the impacted properties:

- Exposure to COI in soil during subsurface worker activities and future construction activities within the boundaries where COI are greater than Type 1 RRS on the Trust property;
- Exposure to COI in groundwater, if groundwater is used for irrigation, potable use, or during construction dewatering within the boundaries of the plume where COI are greater than Type 1 RRS on any of the impacted properties;

- Exposure to vapor-phase COI from impacted groundwater where enclosed structures are built in the future within the boundaries of the plume where COI are greater than Type 1 RRS; and
- Exposure to COI in surface water and sediment where the groundwater plume intersects Nancy Creek.

The possibility of potential exposure to COI in soil during subsurface worker activities and future construction activities on the Trust property, and the possibility of potential exposure to COI in groundwater on all impacted properties will be addressed through the use of institutional controls and is discussed in Section 7.2.

The possibility of potential exposure to vapor-phase COI from impacted groundwater where enclosed structures are built in the future within the boundaries of the plume will be addressed through the use of institutional and engineering controls and is discussed in Section 7.2.

The possibility of potential exposure to COI in surface water and sediment where the groundwater plume intersects Nancy Creek has been examined through the use of a site-specific mixing zone analysis. To date, surface water and sediment data collected from Nancy Creek has shown that COI are not detected above laboratory method PQLs, ISWQS, Type 1 RRS for groundwater, or HSRA RRS for soil, as applicable. However, it is known that the COI groundwater plume is discharging to the creek along a broad front on parcel 18-333-02-023. Therefore, a mixing zone analysis was conducted to evaluate the potential that sediment and/or surface water could be impacted in the future above ISWQS, Type 1 RRS for groundwater, or HSRA RRS for soil, as applicable; completing an exposure pathway for human exposure and flora and fauna exposure. The details of the mixing zone analysis are presented in Appendix C. The analysis concluded that the groundwater plume, based upon the calculations and the fact that no additional PCE is entering the subsurface from drycleaner operations, will not impact Nancy Creek above regulatory standards resulting in a completed exposure pathway. To confirm the results of the mixing zone analysis, the creek will be established as the downgradient point of exposure for the groundwater plume, and a monitoring plan will be developed as part of the VRP corrective action. The monitoring plan for the groundwater plume point of exposure is discussed in Section 7.3.

A water supply survey was also conducted to determine if there was the potential for exposure to groundwater impacts from the Site. A detailed windshield survey was conducted by Winter Environmental within a 1-mile radius of the Site. No residences or businesses were identified using groundwater wells for potable, industrial or irrigation use. All appeared to be connected to the local water system through a water meter. In addition, the USGS groundwater well database was searched within a 1-mile radius of the Site and no wells were identified.

Also, a May 19, 2004 EPD internal memorandum regarding a Field inspection of the Site was reviewed. The EPD Field Inspection conducted a well survey within a 3-mile radius of the Site and did not identify any groundwater use. It also stated that the EPD inquired with a DeKalb County building inspector, who stated that all residences in the area were on the DeKalb County water system. To update this

information, Winter Environmental contacted DeKalb County who confirmed that all residences and businesses in the area remain on the DeKalb County water system. In addition, there are no public surface water intakes within 3 miles downgradient of the Site. Therefore, there are no complete or potential exposure pathways through groundwater or surface water use. The May 19, 2004 EPD internal memorandum and the USGS Well Inventory results are in Appendix D.

Information on rare or endangered species for the Site area was obtained from the Georgia Department of Natural Resources Wildlife Resources Division website, Georgia Rare Species and Natural Community Information (http://www.georgiawildlife.com/node/1370). Information was obtained by literature search only from this website. The Site is located in the southeast quadrant of the Chamblee USGS Quadrangle. One plant species was indentified in this quarter quadrangle which is listed as a threatened species in the State of Georgia; the Bay Star-vine (Schisandra glabra). The habitat for this species is as follows: found twining over understory trees and shrubs in rich, forested bottomlands and adjacent lower slopes; sometimes older vines occur on trunks of overstory trees, or sprawl along the ground forming patches rooted in the litter, especially near mountain laurel (Kalmia latifolia) thickets. It is possible that this species could inhabit the wooded, undeveloped environment found on parcel 18-333-02-023 bordering Nancy Creek, however, an on site reconnaissance was not conducted. If present, the groundwater impacts on this parcel, and the corrective measures implemented under the VRP for the Site are not anticipated to impact the species. Information obtained from the Georgia Department of Natural Resources Wildlife Resources Division website is in Appendix E.

Section 7
Proposed Corrective Action

Soil and groundwater are impacted with chlorinated solvents and their degradation products at the Fashion Care/Executive Care Site. As a result, there is one assumed complete exposure pathway, vapor intrusion into an existing structure, and several exposure pathways that are incomplete but have the potential become complete in the future. The purpose of the VRP corrective action measures presented below for the Site are to mitigate the exposure pathways which are assumed to be complete; and to put institutional and engineering control requirements in place to mitigate the potential for currently incomplete exposure pathways from becoming complete in the future.

Also, a point of exposure monitoring plan of limited duration is proposed to verify existing data and mixing calculations which indicate that impacted groundwater discharging into Nancy Creek will not become present at levels of concern, resulting in a completed exposure pathway for human health or flora/fauna.

7.1 Engineering Controls

Engineering controls will be implemented as follows:

- A vapor collection system will be installed beneath the existing building on the Trust property (parcel 18-343-13-002) to mitigate the vapor intrusion pathway that has been assumed to be complete as a result of the presence of impacted soil and groundwater. The final design and installation schedule of the vapor collection system will be submitted in the first 6 month VRP Status Report for the Site.

7.2 Institutional Controls

Institutional controls will be implemented through the use of Environmental Covenants executed in conformance with the Georgia Uniform Environmental Covenants Act (OCGA § 44-16-1) as follows:

- To mitigate the potential vapor intrusion exposure pathway each of the impacted parcels (18-343-13-002, 18-343-13-005, 18-343-13-001, and 18-333-02-023) will require that any enclosed structures built on the properties will install a vapor barrier during construction. This will be required until the groundwater plume COI reach HSRA residential RRS.
- To mitigate the potential groundwater exposure pathway each of the impacted parcels (18-343-13-002, 18-343-13-005, 18-343-13-001, and 18-333-02-023) will require a restriction on groundwater use of any kind, unless COI are treated to below HSRA residential RRS.
- To mitigate the potential subsurface worker exposure pathway on the Trust property, the Environmental Covenant for this parcel (18-343-13-002) will require that the EPD be notified prior to any subsurface work to assure that the following occurs:

- Appropriate health and safety precautions are taken by workers if work is to be conducted in the area of impacted soil, or if work will be conducted at depths where impacted groundwater may be encountered; and
- Appropriate impacted soil management is conducted to assure that impacted soil is excavated by OSHA HAZWOPER (1910.120) trained personnel, appropriately characterized for disposal at an approved disposal facility, impacted soil is not spread to unimpacted areas, and appropriate actions are taken to prevent public exposure to impacted soil.
- Appropriate impacted groundwater management is conducted to assure that impacted groundwater is managed by trained personnel, appropriately treated where necessary for disposal/discharge with appropriate permits in place, and appropriate actions are taken to prevent public exposure to impacted groundwater.

- To mitigate the subsurface worker exposure pathway relative to impacted groundwater on parcels other than the Trust Property, each of the impacted parcels (18-343-13-005, 18-343-13-001, and 18-333-02-023) Environmental Covenants will require that the EPD be notified prior to any subsurface work to assure that the following occurs:
  - Appropriate health and safety precautions are taken by workers if work is to be conducted at depths where impacted groundwater may be encountered; and
  - Appropriate impacted groundwater management is conducted to assure that impacted groundwater is managed by trained personnel, appropriately treated where necessary for disposal/discharge with appropriate permits in place, and appropriate actions are taken to prevent public exposure to impacted groundwater.

7.3 Point of Compliance Monitoring and Natural Attenuation

A point of exposure monitoring plan of 5 years is proposed to verify existing data collected to date at the point of exposure, and to field verify mixing calculations that indicate impacted groundwater currently discharging into Nancy Creek will not become present at levels of concern, resulting in a completed exposure pathway for human health or flora/fauna.

The proposed point of exposure for monitoring of the Site under the VRP is Nancy Creek where the groundwater plume intersects the creek as shown on Figure 7. Surface water samples will be collected for laboratory analysis of the COI semi-annually at one upstream location, two locations along the intersection of the groundwater plume and the creek, and at one location downstream of this intersection. Access agreements will be maintained for the properties required for the point of exposure monitoring plan.

Groundwater samples will also be collected for laboratory analysis of the COI during the semi-annual events from select monitoring wells along the creek and in and around the currently established boundaries of the groundwater plume. This data will be used to determine the natural attenuation of the plume and to be used for exposure evaluation, as necessary, during the 5 year monitoring period.

A point of exposure monitoring plan that establishes the surface water sampling locations, monitoring wells to be sampled, and reporting format will be presented in the first 6 month VRP Status Update for the Site.

Section 8
Items for Completing VRP Compliance Status Report

Below is a list of tasks or actions that remain to be completed or implemented under the VRP for this Site for the completion of a VRP Compliance Status Report. Each of these items will be completed or implemented per the schedule presented in Section 9.

Vertical Delineation

The COI plume in groundwater has been horizontally delineated. A deep Type III double-cased monitoring well will be installed in the vicinity of FMW-4, shown on Figure 5, to delineate the vertical extent of COI in groundwater at the Site. This will be conducted within six months and the results included in the first 6 month VRP Status Update for the Site.

Execution of Environmental Covenants (Institutional Controls)

Draft Environmental Covenants for tax parcels 18-343-13-002, 18-343-13-005, 18-343-13-001, and 18-333-02-023 are present in Appendix F for EPD review and approval. Within 6 months of EPD approval of these covenants, they will be executed and included in the next 6 month VRP Status Update for the Site.

Vapor Intrusion Mitigation (Engineering Control)

A vapor collection system will be installed beneath the existing building on the Trust property (parcel 18-343-13-002) to mitigate the vapor intrusion pathway that has been assumed to be complete as a result of the presence of impacted soil and groundwater. The final design and installation schedule of the vapor collection system will be submitted in the first 6 month VRP Status Report for the Site.

Point of Compliance Monitoring Plan

A point of exposure monitoring plan and implementation schedule that establishes the surface water sampling locations, monitoring wells to be sampled, and reporting format as described in Section 7.3 will be presented in the first 6 month VRP Status Update for the Site.

Voluntary Remediation Plan Cost Estimate

A Voluntary Remediation Plan Cost Estimate and date for submitting a financial assurance instrument in the amount of the estimate will be submitted in the first 6 month VRP Status Update for the Site.

Upon completion and implementation of the above tasks/items, as appropriate, a VRP Compliance Status Report will be submitted to the EPD for approval, which is anticipated to result in the removal of the Site from the HSI. The estimated date for submittal of the VRP Compliance Status Report is presented in Section 9.

Section 9
Implementation Schedule

The schedule for implementation of the Fashion Care/Executive Care Site VRPA is presented on Figure 9. The current estimated duration for the implementation of the VRPA through submittal of a VRP Compliance Status Report is 18 months. VRP Status Update reports will be submitted to the EPD every 6 months during this implementation period until the VRP Compliance Status Report is submitted.

Section 10
Tables

Table 1

Constituents of Interest

Fashion Care/Executive Care HSRA Site - HSI #10786

2211 Savoy Drive, Chamblee, Georgia

Drycleaner Related Constituents
Tetrachloroethene (PCE)
cis-1, 2-Dichloroethene
trans-1, 2-Dichloroethene
1, 1-Dichloroethene (1,1-DCE)
Trichloroethene (TCE)
Vinyl Chloride (VC)

NON-COI IDENTIFIED

Petroleum Related Constituents
1, 1-Dichloroethane
1,2-Dibromoethane (EDB)
2-Butanone (MEK)
2-Hexanone
4-Methyl-2-pentanone (MIBK)
Benzene
Toluene
Ethylbenzene
Total Xylenes
Cyclohexane
Isopropylbenzene
Methylcyclohexane
MTBE
Styrene
Fumigant-Insecticide
1,2 Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Chlorobenzene
Laboratory Artifact and/or Naturally Ocurring
Acetone

Table 2

Soil Analytical Data

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

			Sample Event						Fashion Care Data										
	Location	CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	B-5	B-6	B-7	B-7	B-8	B-9	B-10	B-10	B-10	B-11
	Depth (feet bgs)								2	2	2	10	5	5	2	10	15	2
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	04/17/07	04/17/07	04/17/07	08/18/06	08/18/06	08/18/06	04/18/07	08/18/06	08/18/06	04/18/07
Volatile Organic Compounds (VOCs) - mg/kg																		
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.0029	<0.0032	<0.0032	<0.003	<0.0034	<0.0038	<0.0033	<0.0031	<0.003	<0.0025
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.0029	<0.0032	<0.0032	<0.003	<0.0034	<0.0038	<0.0033	<0.0031	<0.003	<0.0025
Acetone		67-64-1	400	400	94.6	94.6	400	-	0.170	0.25	0.25	<0.06	<0.068	<0.075	<0.066	<0.062	<0.061	<0.049
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	<0.0029	<0.0032	<0.0032	<0.003	0.0087	0.08	<0.0033	<0.0031	0.015	0.020
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	<0.0029	<0.0032	<0.0032	<0.003	<0.0034	<0.0038	<0.0033	<0.0031	<0.003	<0.0025
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.0029	<0.0032	<0.0032	<0.003	<0.0034	<0.0038	<0.0033	<0.0031	<0.003	0.006
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	<0.0029	<0.0032	<0.0032	<0.003	<0.0034	<0.0038	<0.0033	<0.0031	<0.003	<0.0025
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.0058	<0.0065	<0.0063	<0.006	0.017	<0.0075	<0.0066	<0.0062	<0.0061	<0.0049
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	<0.0029	<0.0032	<0.0032	**0.072**	0.014	**0.120**	<0.0033	<0.0031	<0.003	**0.029**
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	<0.0029	<0.0032	<0.0032	0.004	<0.0034	0.0073	<0.0033	<0.0031	<0.003	<0.0025
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.0029	<0.0032	<0.0032	0.160	<0.0034	0.0081	<0.0033	<0.0031	<0.003	<0.0025
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	<0.0058	<0.0065	<0.0063	0.012	<0.0068	0.0211	<0.0066	<0.0062	<0.0061	<0.0049
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	<0.0029	<0.0032	<0.0032	0.034	0.0068	0.047	<0.0033	<0.0031	<0.003	0.032
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.0029	<0.0032	<0.0032	0.027	<0.0034	0.017	<0.0033	<0.0031	<0.003	<0.0025
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	<0.0029	<0.0032	<0.0032	<0.003	0.033	<0.0038	<0.0033	<0.0031	<0.003	<0.0025

			Sample Event						Fashion Care Data											
	Location	CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	B-12	B-12	B-12	B-15	B-15	B-15	B-16	B-16	B-16	B-17	B-17	B-17
	Depth (feet bgs)								2	10	15	2	5	7	2	5	7	2	4	6
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	04/18/07	08/18/06	08/18/06	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07
Volatile Organic Compounds (VOCs) - mg/kg																				
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
Acetone		67-64-1	400	400	94.6	94.6	400	-	<0.064	<0.083	<0.068	<0.078	<0.073	<0.064	<0.059	<0.061	<0.078	<0.066	<0.061	<0.072
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	0.0045	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.0064	<0.0083	<0.0068	<0.0078	<0.0073	<0.0064	<0.0059	<0.0061	<0.0078	<0.0066	<0.0061	<0.0072
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	**0.028**	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	**0.053**	**0.031**	**0.095**	<0.0033	<0.003	<0.0036
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	0.0048	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	0.0035	0.013	<0.0033	<0.003	<0.0036
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	0.0118	<0.0083	<0.0068	<0.0078	<0.0073	<0.0064	<0.0059	<0.0061	0.022	<0.0066	<0.0061	<0.0072
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	0.036	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	0.034	0.016	0.040	<0.0033	<0.003	<0.0036
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.0032	<0.0042	<0.0034	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	0.0077	<0.0033	<0.003	<0.0036
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	<0.0032	<0.0042	0.066	<0.0039	<0.0037	<0.0032	<0.003	<0.0031	<0.0039	<0.0033	<0.003	<0.0036

			Sample Event						Fashion Care Data											
	Location	CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	B-18	B-18	B-18	B-20	B-20	B-20	B-21	B-21	B-21	B-22	B-22	B-22	B-23	B-23
	Depth (feet bgs)								2	5	10	2	5	7	2	5	7	2	5	10	2	5
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	04/18/07	4/17/07	4/17/07	4/17/07	04/18/07	04/18/07
Volatile Organic Compounds (VOCs) - mg/kg																						
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.0024	<0.0034	<0.0036	<0.0031	<0.0033	<0.0033	<0.0032	<0.0038	<0.0033	<0.0034	<0.0027	<0.0034	<0.0034	<0.0042
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.0024	<0.0034	<0.0036	<0.0031	<0.0033	<0.0033	<0.0032	<0.0038	<0.0033	<0.0034	<0.0027	<0.0034	<0.0034	<0.0042
Acetone		67-64-1	400	400	94.6	94.6	400	-	<0.0024	<0.068	<0.073	<0.062	<0.065	<0.066	<0.063	<0.077	<0.066	<0.067	<0.054	<0.068	<0.071	<0.085
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	<0.0024	<0.0034	<0.0036	0.063	1.4	1.0	0.027	0.0092	0.043	0.120	<0.0027	<0.0034	0.340	0.310
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	<0.0024	<0.0034	<0.0036	0.0091	<0.0033	<0.0033	0.0049	<0.0038	0.190	0.033	<0.0027	<0.0034	0.021	<0.0042
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.0024	<0.0034	<0.0036	<0.0031	0.016	0.021	<0.0032	<0.0038	<0.0033	<0.0034	<0.0027	<0.0034	<0.0034	<0.0042
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	<0.0024	<0.0034	<0.0036	0.0052	<0.0033	<0.0033	<0.0032	<0.0038	0.0047	0.055	<0.0027	<0.0034	0.011	0.0052
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.0048	<0.0068	<0.0073	<0.0062	0.053	0.029	<0.0063	<0.0077	<0.0066	<0.0067	<0.0054	<0.0068	0.011	0.050
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	**0.055**	**0.370**	**0.490**	<0.0031	**0.022**	0.020	0.0034	<0.0038	0.013	<0.0034	0.010	**0.230**	<0.0034	<0.0042
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	0.011	0.290	0.700	<0.0031	<0.0033	<0.0033	<0.0032	<0.0038	0.0044	<0.0034	<0.0027	0.0076	<0.0034	<0.0042
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.0024	0.065	2.6	<0.0031	<0.0033	<0.0033	<0.0032	<0.0038	<0.0033	<0.0034	<0.0027	0.610	<0.0034	<0.0042
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	<0.0048	0.264	13.9	<0.0062	<0.0065	<0.0066	<0.0063	<0.0077	0.0206	<0.0067	<0.0054	0.942	<0.0071	<0.0085
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	<0.0024	<0.0034	0.790	<0.0031	0.680	0.077	<0.0032	<0.0038	0.015	<0.0034	0.0088	1.3	0.005	0.0058
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.0024	0.004	0.320	<0.0031	<0.0033	<0.0033	<0.0032	<0.0038	<0.0033	<0.0034	<0.0027	0.084	<0.0034	<0.0042
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	<0.0024	<0.0034	<0.0036	<0.0031	<0.0033	<0.0033	0.030	0.017	0.013	<0.0034	<0.0027	<0.0034	<0.0034	<0.0042

Table 2

Soil Analytical Data

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

Sample Event									Fashion Care Data									
Location		CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	B-25	B-25	B-25	B-26	B-26	B-26	FMW-4	FMW-4	FMW-4	SB-27
Depth (feet bgs)									2	5	10	2	5	10	0-2	4-8	11-13	0-2
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	4/17/07	4/17/07	4/17/07	4/17/07	4/17/07	4/17/07	9/4/08	9/4/08	9/4/08	9/4/08
Volatile Organic Compounds (VOCs) - mg/kg																		
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	<0.0027	<0.0035	<0.15	<0.0026
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	<0.0027	<0.0035	<0.15	<0.0026
Acetone		67-64-1	400	400	94.6	94.6	400	-	<0.078	<0.063	<0.072	0.140	<0.054	<0.061	0.039	<0.035	<1.5	0.17
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	0.040	0.022	0.087	<0.0031	0.110	0.035	0.041	0.12	1.7	0.068J
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	<0.0039	<0.0031	<0.0036	0.021	<0.0027	<0.0031	0.0087	<0.0035	0.05J	**18.0**
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	<0.0027	<0.0035	<0.15	<0.0026
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	0.0075	<0.0035	<0.15	0.12J
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.0078	<0.0063	<0.0072	<0.0062	<0.0054	<0.0061	0.008	0.016	0.096J	<0.0026
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	0.009	0.018	**0.080**	<0.0031	0.012	0.0032	0.0016	0.0083	**0.75**	<0.00052
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	<0.0039	<0.0031	0.0042	<0.0031	<0.0027	<0.0031	<0.00053	0.0056	1.5	0.0026
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.0039	0.0056	0.016	<0.0031	0.007	<0.0031	<0.00053	0.001	0.33	<0.00052
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	<0.0078	<0.0063	<0.0072	<0.0062	<0.0054	<0.0061	<0.00053	0.0039	1.15	<0.00052
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	0.036	<0.0027	<0.0035	<0.15	<0.0026
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	<0.0027	<0.0035	<0.15	<0.0026
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	<0.0039	<0.0031	<0.0036	<0.0031	<0.0027	<0.0031	NA	NA	NA	NA

Sample Event									Fashion Care Data - Soil Confirmation Samples															
Location		CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	SB-28	SB-28	SB-28	SB-29	SB-29	SB-29	SB-30	SB-30	SB-30	SB-31	SB-31	SB-31	SB-32	SB-32	SB-32	SB-33	SB-33
Depth (feet bgs)									0-2	4-6	8-10	0-2	4-6	8-10	0-2	4.5-6.5	8.5-10.5	0-2	4-6	7.5-9.5	0-2	3.5-5.5	6-8	0-2	4-6
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	05/08/09	05/08/09	05/08/09	5/8/09	5/8/09	05/08/09	05/08/09	5/8/09	5/8/09	05/08/09	05/08/09	5/8/09	5/8/09	5/8/09	5/8/09	5/8/09	5/8/09
Volatile Organic Compounds (VOCs) - mg/kg																								
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.19	<0.19	<0.17	<0.005	<0.005	<0.005	<0.2	<0.18	<0.18	<0.22	<0.18	<0.14	<0.15	<0.16	<0.19	<0.16	<0.14
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.19	<0.19	<0.17	<0.005	<0.005	<0.005	<0.2	<0.18	<0.18	<0.22	<0.18	<0.14	<0.15	<0.16	<0.19	<0.16	<0.14
Acetone		67-64-1	400	400	94.6	94.6	400	-	<1.9	<1.9	<1.7	0.520	0.0690	0.0450	<2	<1.8	<1.8	<2.2	<1.8	<1.4	<1.5	<1.6	<1.9	<1.6	<1.4
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	0.50	**73.0**	**10.0**	0.0140	0.0910	0.290	0.130	2.80	6.20	0.20	1.60	0.190	<0.15	0.270	2.50	0.130	0.590
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	**0.980**	**52.0**	**37.0**	0.0031	0.0220	0.0023	**2.30**	**6.70**	**1.50**	**3.40**	**4.50**	0.30	**15.0**	**1400.0**	**3800.0**	**2300.0**	**100.0**
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.19	0.830	0.0640	<0.005	0.0016	0.0067	<0.2	<0.18	0.0410	<0.22	<0.18	<0.14	<0.15	<0.16	0.110	<0.16	<0.14
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	0.20	**15.0**	**4.0**	<0.005	0.0021	<0.005	0.160	**3.40**	**2.30**	0.270	**1.70**	0.350	<0.15	**3.40**	**30.0**	**4.40**	**1.70**
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.19	<0.19	<0.17	<0.005	<0.005	0.0670	<0.2	<0.18	<0.2	<0.22	<0.18	<0.14	<0.15	<0.16	<0.19	<0.16	<0.14
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	<0.19	<0.19	<0.17	0.0180	0.0046	**0.0570**	<0.2	<0.18	**0.07**	<0.22	<0.18	<0.14	<0.15	<0.16	**0.034**	<0.16	<0.14
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	<0.19	<0.19	<0.17	0.0049	0.0081	0.0370	<0.2	<0.18	0.21	<0.22	<0.18	<0.14	<0.15	0.026	0.210	<0.16	<0.14
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.19	<0.19	<0.17	0.0011	0.0019	0.0190	<0.2	<0.18	0.051	<0.22	<0.18	<0.14	<0.15	<0.16	0.30	<0.16	<0.14
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	<0.390	<0.390	0.0460	<0.01	0.00073	0.070	<0.4	<0.36	0.147	<0.43	<0.36	<0.27	<0.31	<0.31	0.710	<0.32	<0.28
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	<0.19	<0.19	<0.17	<0.005	0.0077	0.0210	<0.2	<0.18	<0.18	<0.22	<0.18	<0.14	<0.15	<0.16	<0.19	<0.16	<0.14
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.19	<0.19	<0.17	<0.005	<0.005	0.0011	<0.2	<0.18	<0.18	<0.22	<0.18	<0.14	<0.15	<0.16	<0.19	<0.16	<0.14
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sample Event									Fashion Care Data - Soil Confirmation Samples								
Location		CAS NUMBER	HSRA Type 3 RRS		HSRA Type 4 RRS		HSRA Type 1	UST Soil	SB-34	SB-34	SB-34	SB-35	SB-35	SB-35	SB-36	SB-36	SB-36
Depth (feet bgs)									0-2	2.5-4.5	5-7	0-2	2.5-4.5	5-7	0-2	3-5	6-8
Constituent	Date Sampled		0-2'	>2'	0-2'	>2'	RRS	TL*	05/18/09	05/18/09	05/18/09	5/18/09	5/18/09	5/18/09	5/18/09	5/18/09	5/18/09
Volatile Organic Compounds (VOCs) - mg/kg																	
1, 1-Dichloroethane		75-34-3	400	400	NC	NC	44.2	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	0.7	6.86	6.86	0.7	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
1,2 Dichlorobenzene		95-50-1	60	60	45.8	45.8	60	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
1,3-Dichlorobenzene		541-73-1	2.22	2.22	NC	NC	60	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
1,4-Dichlorobenzene		106-46-7	6.84	6.84	NC	NC	7.5	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
Acetone		67-64-1	400	400	94.6	94.6	400	-	<0.58	<0.48	<0.46	<0.51	<0.46	<0.51	<0.48	<0.49	<0.47
cis-1, 2-Dichloroethene		156-59-2	NC	NC	6.12**	6.12**	7	-	<0.058	<0.048	0.31	<0.051	1.5	0.14	0.26	1.7	0.32
Tetrachloroethene (PCE)		127-18-4	0.5**	0.5**	NC	NC	0.5	-	0.24	**2.6**	0.39	0.27	**1.0**	0.12	**0.59**	<0.049	0.11
trans-1, 2-Dichloroethene		156-60-5	NC	NC	13.6**	13.6**	10	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
Trichloroethene (TCE)		79-01-6	0.5**	0.5**	NC	NC	0.5	-	<0.058	0.053	0.26	<0.051	0.15	<0.051	0.11	<0.049	<0.047
Vinyl Chloride (VC)		75-01-4	0.2**	0.2**	NC	NC	0.2	-	<0.058	<0.048	<0.046	<0.051	<0.46	<0.051	<0.048	<0.049	<0.047
Benzene		71-43-2	PRC	PRC	PRC	PRC	PRC	0.02	<0.058	<0.048	<0.046	<0.051	**0.053**	<0.051	<0.048	**0.061**	<0.047
Toluene		108-88-3	PRC	PRC	PRC	PRC	PRC	135	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	0.035	0.036
Ethylbenzene		100-41-4	PRC	PRC	PRC	PRC	PRC	28	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	0.027
Total Xylenes		1330-20-7	PRC	PRC	PRC	PRC	PRC	700	<0.12	<0.097	<0.092	<0.051	<0.046	<0.1	<0.095	<0.098	<0.093
Cyclohexane		110-82-7	PRC	PRC	PRC	PRC	PRC	-	<0.058	<0.048	<0.046	<0.1	<0.092	<0.051	<0.048	<0.049	<0.047
Isopropylbenzene		98-82-8	PRC	PRC	PRC	PRC	PRC	-	<0.058	<0.048	<0.046	<0.051	<0.046	<0.051	<0.048	<0.049	<0.047
MTBE		1634-04-4	PRC	PRC	PRC	PRC	PRC	-	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

	Exceeds HSRA Type 1 RRS
BOLD	Exceeds HSRA Type 3 RRS
BOLD	Exceeds HSRA Type 3 and 4 RRS
BOLD	Exceeds UST Program Soil Threshold Values

* The applicable UST Threshold Level is Table B, Lower Groundwater Pollution Susceptibility Area, ≤ 500 feet to a Surface Water Body.

NC Type 4 RRS not calculated

PRC Petroleum relalated constituents

** RRS is taken from EPD CAP approval letter dated December 28, 2007, table of approved

Table 3

Groundwater Anaytical Results - 2008 through 2010

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	FMW-1	FMW-1[3]	FMW-2	FMW-2[3]	FMW-3	FMW-3[3]	FMW-4	FMW-4[3]	FWM-5	FWM-5	FMW-6	DUP30108 FMW-6	FMW-6	FMW-7	FMW-7
	Date Sampled				9/8/08	3/8/10	9/8/08	3/8/10	9/8/08	3/9/10	9/8/08	3/8/10	9/5/08	3/11/10	9/5/08	9/5/08	3/11/10	12/3/08	3/9/10
Volatile Organic Compounds																			
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.001	<0.005	<0.001	<0.5	<0.001	<0.005	**0.061**	**0.038**	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.001	<0.005	<0.001	<0.5	<0.001	<0.005	0.019	0.01	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
2-Butanone (MEK)		78-93-3	2		<0.002	<0.05	0.19	<5.0	<0.002	<0.05	<0.002	<0.05	<0.002	<0.05	<0.002	<0.002	<0.05	<0.002	<0.05
2-Hexanone		591-78-6	NR		<0.002	<0.01	0.065	<1.0	<0.002	<0.01	0.031	0.037	<0.002	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01
Acetone		67-64-1	4		<0.002	<0.05	<0.002	<0.5	<0.002	<0.05	<0.002	0.094	<0.002	<0.05	<0.002	<0.002	<0.05	<0.002	<0.05
Chlorobenzene		108-90-7	NA(1)		<0.001	<0.005	<0.001	<0.5	<0.001	<0.005	0.0036	0.002J	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
cis-1, 2-Dichloroethene		156-59-2	0.53		0.0027	0.024	0.11	0.16J	0.0048	<0.005	**52.0**	**63.0**	0.1	0.039	0.18	0.18	0.18	<0.001	<0.005
Methylcyclohexane		108-87-2	NR		0.018	0.068	0.043	0.16J	0.018	0.051	<0.001	0.039	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	**0.0086**	**0.006**	**0.06**	<0.5	**0.016**	<0.005	**42.0**	**17.0**	**4.7**	**1.2**	**1.1**	**2.2**	**1.4**	<0.001	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.001	<0.005	0.0057	<0.5	<0.001	<0.005	**0.90**	**1.3**	<0.001	<0.005	0.0036	0.0039	<0.005	<0.001	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	0.0028	0.0034J	**0.027**	<0.5	**0.0057**	<0.005	**30.0**	**22.0**	**0.1**	**0.029**	**0.056**	**0.05**	**0.052**	<0.001	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.001	<0.002	<0.001	<0.2	<0.001	<0.002	**3.7**	**1.8**	<0.001	**0.0028**	<0.001	<0.001	<0.002	<0.001	<0.002
Petroleum Constituents/VOCs Related to the EZ-Serve UST SITE																			
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.001	<0.005	0.013	<0.5	<0.001	<0.005	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.001	<0.005	0.4	<0.5	<0.001	<0.005	<0.001	<0.005	<0.001	<0.005	<0.001	0.0028	<0.005	<0.001	<0.005
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.002	<0.01	<0.002	<1.0	<0.002	<0.01	<0.002	0.076	<0.002	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01
Benzene		71-43-2	PRC	0.071	0.83	1.2	13.0	14.0	0.16	0.19	2.0	3.7	0.0018	<0.005	0.0018	0.0016	<0.005	<0.001	<0.005
Cyclohexane		110-82-7	PRC	NA(2)	0.045	0.1	0.14	<0.5	0.035	0.053	<0.001	0.069	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Ethylbenzene		100-41-4	PRC	29.0	0.33	0.6	2.6	3.0	0.19	0.0075	0.465	0.89	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Isopropylbenzene		98-82-8	PRC	NA(2)	0.013	0.027	0.082	0.095J	0.017	0.034	0.019	0.038	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	2.4	3.2	0.93	1.1	<0.002	0.0012J	0.945	1.3	0.022	<0.005	0.26	0.26	0.064	<0.002	<0.005
Styrene		100-42-5	PRC	NA(2)	<0.001	<0.005	<0.001	<0.5	<0.001	<0.005	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Toluene		108-88-3	PRC	200	0.054	3.4	6.0	15.0	0.0075	0.0065	4.1	7.1	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005
Xylenes, Total		1330-20-7	PRC	NA(2)	0.445	2.34	14.7	16.9	0.8884	0.019	1.6	3.7	<0.002	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 Water Use Classifications and Water Quality Standards)

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-Stream Water Quality Standard

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS because the Type 1 RRS has a higher value.

** RRS is taken from EPD CAP approval letter dated December 28, 2007, table of approved RRS in Condition 8.

FPP Free-phase petroleum present in the monitoring well

Table 3

Groundwater Anaytical Results - 2008 through 2010

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	FMW-8	FMW-8[3]	FMW-9	FMW-9	FMW-10	DUP-1 FMW-10	FMW-10	FMW-11	FMW-11	FMW-12[3]	FMW-13[3]	FMW-14	FMW-15	FMW-16
	Date Sampled				12/2/08	3/8/10	12/3/08	3/11/10	12/2/08	12/2/08	3/11/10	12/2/08	3/11/10	3/17/10	3/17/10	5/27/10	6/15/10	6/15/10
Volatile Organic Compounds																		
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		<0.002	<0.05	<0.002	<0.05	<0.002	<0.002	<0.05	<0.002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Hexanone		591-78-6	NR		0.0317	0.015	<0.002	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone		67-64-1	4		<0.002	<0.05	<0.002	<0.05	<0.002	<0.002	<0.05	<0.002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorobenzene		108-90-7	NA(1)		<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1, 2-Dichloroethene		156-59-2	0.53		0.00236	0.0022J	0.0534	0.29	0.0445	0.0443	0.11	0.00288	0.01	0.0014J	0.0011J	**0.0074**	<0.005	<0.005
Methylcyclohexane		108-87-2	NR		0.0599	0.14	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.001	<0.005	**0.922**	**1.6**	<0.001	<0.001	<0.005	**0.0394**	**0.044**	0.0046J	**0.018**	**0.01**	<0.005	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.001	<0.005	0.00086	0.0062	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	<0.001	0.001J	**0.0262**	**0.072**	<0.001	<0.001	**0.028**	**0.00573**	**0.011**	<0.005	0.0026J	**0.02**	<0.005	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.001	<0.002	<0.001	<0.002	**0.0106**	**0.0106**	**0.011**	<0.001	<0.002	<0.002	<0.002	<0.002	**0.0061**	<0.002
Petroleum Constituents/VOCs Related to the EZ-Serve UST SITE																		
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.001	0.0013J	0.00215	<0.005	<0.001	<0.001	<0.005	0.00152	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	0.0102	<0.01	<0.002	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene		71-43-2	PRC	0.071	3.07	2.4	0.00065	<0.005	0.00097	0.00079	<0.005	0.00134	<0.005	<0.005	<0.005	<0.001	<0.001	<0.01
Cyclohexane		110-82-7	PRC	NA(2)	0.18	0.37	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene		100-41-4	PRC	29.0	2.72	2.2	0.00052	<0.005	0.00073	<0.001	<0.005	0.00321	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Isopropylbenzene		98-82-8	PRC	NA(2)	0.0823	0.086	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	<0.002	<0.005	0.615	0.19	0.0235	0.022	0.017	0.575	0.14	0.047	<0.005	**0.0033**	**0.0021**	<0.001
Styrene		100-42-5	PRC	NA(2)	0.0213	<0.005	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene		108-88-3	PRC	200	7.71	5.5	0.00196	<0.005	0.0014	0.00077	<0.005	0.00559	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Xylenes, Total		1330-20-7	PRC	NA(2)	14.97	12.1	0.00285	<0.01	0.00412	0.00204	<0.01	0.021	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 W

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS beca

** RRS is taken from EPD CAP approval letter dated December 28,

FPP Free-phase petroleum present in the monitoring well

Table 3

Groundwater Anaytical Results - 2008 through 2010

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	SB-24[3]	SB-25[3]	SB-26	SB-26[3]	Stantec UST Data MW-1	Stantec UST Data MW-2R	MW-2R	MW-2R	Stantec UST Data MW-3	Stantec UST Data MW-4R	Stantec UST Data MW-8	MW-8	Stantec UST Data MW-9R	MW-9R	MW-9R	Stantec UST Data RW-13 (MW-10R)
	Date Sampled				3/16/10	3/16/10	9/10/08	3/16/10	6/7/08	6/7/08	9/9/08	3/8/10	6/7/08	6/7/08	6/7/08	3/9/10	6/7/08	9/9/08	3/9/10	6/7/08
Volatile Organic Compounds																				
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.1	<0.1	0.006	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.1	<0.1	<0.001	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		0.81J	<1.0	<0.002	<2.5	FPP	<0.05	<0.002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05
2-Hexanone		591-78-6	NR		0.16J	<0.2	<0.002	<0.5	FPP	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	0.021	<0.01	<0.02	<0.01	<0.01
Acetone		67-64-1	4		2.6	<1.0	<0.002	<2.5	FPP	<0.05	<0.002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05
Chlorobenzene		108-90-7	NA(1)		<0.1	<0.1	<0.001	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
cis-1, 2-Dichloroethene		156-59-2	0.53		**2.2**	**0.78**	**4.0**	**9.7**	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	0.110	0.220	**1.7**	<0.005
Methylcyclohexane		108-87-2	NR		0.094J	<0.061J	0.14	0.17J	FPP	<0.005	<0.001	<0.005	0.20	<0.005	0.070	0.092	0.110	0.057	0.14	0.092
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.1	<0.1	**4.8**	**9.0**	FPP	<0.005	<0.001	<0.005	<0.005	<0.013	<0.005	<0.005	**0.12**	**0.1**	**1.7**	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	0.046J	<0.1	0.039	0.057J	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	0.021	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	**0.02J**	<0.1	**3.4**	**6.7**	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	**0.021**	**0.022**	**0.62**	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	**0.035J**	<0.04	**1.0**	**0.81**	FPP	<0.002	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.1**	**0.087**	<0.002
Petroleum Constituents/VOCs Related to the EZ-Serve UST SITE																				
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.1	<0.1	<0.001	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.1	<0.1	<0.001	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.2	<0.2	<0.002	<0.5	FPP	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
Benzene		71-43-2	PRC	0.071	3.5	1.5	0.53	0.33	FPP	<0.005	<0.001	<0.005	0.068	<0.005	1.8	1.0	1.8	1.6	0.83	14.0
Cyclohexane		110-82-7	PRC	NA(2)	0.12	0.12	0.18	0.17J	FPP	<0.005	<0.001	<0.005	0.13	<0.005	0.085	0.075	0.11	0.14	0.12	0.17
Ethylbenzene		100-41-4	PRC	29.0	0.55	1.4	0.23	0.065J	FPP	<0.005	<0.001	<0.005	0.86	<0.005	0.90	1.1	1.8	2.0	1.5	3.9
Isopropylbenzene		98-82-8	PRC	NA(2)	0.027J	0.044J	0.043	<0.25	FPP	<0.005	<0.001	<0.01	0.095	<0.005	0.071	0.081	0.16	0.19	0.14	0.16
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	8.1	0.62	<0.002	<0.25	FPP	<0.005	<0.002	<0.005	0.038	<0.005	0.022	0.013	0.089	<0.02	0.15	6.2
Styrene		100-42-5	PRC	NA(2)	<0.1	<0.1	<0.001	<0.25	FPP	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
Toluene		108-88-3	PRC	200	4.6	4.7	0.081	0.086J	FPP	<0.005	<0.001	<0.005	0.220	<0.005	3.5	2.3	0.180	0.26	0.15	41.0
Xylenes, Total		1330-20-7	PRC	NA(2)	3.15	6.3	0.1082	0.081J	FPP	<0.005	<0.002	<0.01	4.10	<0.005	6.2	5.6	3.5	4.05	3.06	22.1

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 W

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS beca

** RRS is taken from EPD CAP approval letter dated December 28, :

FPP Free-phase petroleum present in the monitoring well

Table 3

Groundwater Anaytical Results - 2008 through 2010

Fashion Care/Executive Care HSRA Site - HSI # 10786

2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	Stantec UST Data MW-11	MW-11	MW-11[3]	Stantec UST Data MW-12	Stantec UST Data MW-13	MW-13	MW-13	Stantec UST Data MW-14	MW-14	Stantec UST Data MW-15	Stantec UST Data MW-16	Stantec UST Data RW-7 (MW-17)	Stantec UST Data MW-18	Stantec UST Data MW-19	MW-19	Stantec UST Data MW-20
	Date Sampled				6/7/08	9/9/08	3/9/10	6/7/08	6/7/08	9/8/08	3/11/10	6/7/08	9/8/08	6/7/08	6/7/08	6/7/08	6/7/08	6/7/08	5/27/10	6/7/08
Volatile Organic Compounds																				
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	0.0027	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	0.0026	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		<0.05	<0.002	<0.05	<0.05	<0.05	<0.002	<0.05	<0.05	<0.002	<0.05	<0.05	FPP	<0.05	<0.05	<0.05	<0.05
2-Hexanone		591-78-6	NR		<0.01	<0.002	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.002	<0.01	<0.01	FPP	<0.01	<0.01	<0.01	<0.01
Acetone		67-64-1	4		<0.05	<0.002	<0.05	<0.05	<0.05	<0.002	<0.05	<0.05	<0.002	<0.05	<0.05	FPP	<0.05	<0.05	<0.05	<0.05
Chlorobenzene		108-90-7	NA(1)		<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
cis-1, 2-Dichloroethene		156-59-2	0.53		<0.005	<0.001	0.021	<0.005	<0.005	<0.001	<0.005	**2.4**	**2.6**	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Methylcyclohexane		108-87-2	NR		<0.005	<0.001	0.0012J	<0.005	<0.005	<0.001	<0.005	0.023	0.019	0.029	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.005	0.0028	**0.026**	<0.005	<0.005	<0.001	<0.005	**0.22**	**0.26**	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.005	<0.001	0.0011J	<0.005	<0.005	<0.001	<0.005	<0.005	0.018	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	<0.005	<0.001	**0.016**	<0.005	<0.005	<0.001	<0.005	**0.23**	**0.26**	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.002	<0.001	0.001J	<0.002	<0.002	<0.001	<0.002	**0.34**	**0.83**	<0.002	<0.002	FPP	<0.002	<0.002	<0.002	<0.002
Petroleum Constituents/VOCs Related to the EZ-Serve UST SITE																				
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.005	<0.001	<0.005	<0.005	0.024	0.012	<0.005	<0.005	<0.001	<0.005	<0.005	FPP	<0.005	<0.005	<0.001	<0.005
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.01	<0.002	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.002	<0.01	<0.01	FPP	<0.01	<0.01	<0.01	<0.01
Benzene		71-43-2	PRC	0.071	<0.005	0.0052	0.047	<0.005	<0.005	<0.001	<0.005	0.14	0.13	1.3	<0.005	FPP	<0.005	<0.005	<0.001	<0.005
Cyclohexane		110-82-7	PRC	NA(2)	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	0.018	0.026	0.034	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Ethylbenzene		100-41-4	PRC	29.0	<0.005	0.0014	0.017	<0.005	<0.005	<0.001	<0.005	<0.005	0.0014	0.013	<0.005	FPP	<0.005	0.0083	**0.0027**	<0.005
Isopropylbenzene		98-82-8	PRC	NA(2)	<0.005	<0.001	0.001J	<0.005	<0.005	<0.001	<0.01	0.0078	0.01	0.027	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	0.012	0.013	0.0041J	<0.005	0.038	0.19	0.012	0.370	0.13	0.320	<0.005	FPP	0.018	<0.005	**0.0017**	<0.005
Styrene		100-42-5	PRC	NA(2)	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	<0.005	FPP	<0.005	<0.005	<0.005	<0.005
Toluene		108-88-3	PRC	200	<0.005	<0.001	0.0058	<0.005	<0.005	<0.001	<0.005	0.0086	0.015	<0.005	<0.005	FPP	<0.005	<0.005	<0.001	<0.005
Xylenes, Total		1330-20-7	PRC	NA(2)	<0.005	<0.002	0.0084J	<0.005	<0.005	<0.002	<0.01	<0.005	0.0059	0.0078	<0.005	FPP	<0.005	<0.005	**0.0036**	<0.005

NOTES:

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ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 W

PRC Pertroleum related constituent

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FPP Free-phase petroleum present in the monitoring well

Table 3
Groundwater Anaytical Results - 2008 through 2010
Fashion Care/Executive Care HSRA Site - HSI # 10786
2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	Stantec UST Data MW-21	MW-21	Stantec UST Data MW-22	Stantec UST Data MW-23D	MW-23D	MW-23D[3]
	Date Sampled				6/7/08	5/27/10	6/7/08	6/7/08	9/9/08	3/9/10
Volatile Organic Compounds										
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.005	<0.005	<0.005	0.0058	<0.001	0.0021J
2-Butanone (MEK)		78-93-3	2		0.051	<0.05	<0.05	<0.05	<0.002	<0.05
2-Hexanone		591-78-6	NR		<0.01	**0.031**	<0.01	<0.01	<0.002	<0.01
Acetone		67-64-1	4		<0.05	<0.05	<0.05	<0.05	0.033	<0.05
Chlorobenzene		108-90-7	NA(1)		<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
cis-1, 2-Dichloroethene		156-59-2	0.53		<0.005	<0.005	<0.005	0.068	0.0034	0.095
Methylcyclohexane		108-87-2	NR		0.120	**0.039**	0.043	0.0056	<0.001	0.0058
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.006	<0.005	<0.005	**26.0**	**1.70**	**18.0**
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.005	<0.005	<0.005	<0.005	<0.001	0.0015J
Trichloroethene (TCE)		79-01-6	0.005**	0.03	<0.005	<0.005	<0.005	**0.7**	**0.028**	**0.061**
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
Petroleum Constituents/VOCs Related to the EZ-Serve UST SITE										
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.005	<0.001	<0.005	<0.005	<0.001	0.00093J
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.01	**0.017**	<0.01	<0.01	<0.002	<0.01
Benzene		71-43-2	PRC	0.071	10.0	**1.2**	<0.005	<0.005	<0.001	0.00028J
Cyclohexane		110-82-7	PRC	NA(2)	0.170	**0.03**	0.053	0.005	<0.001	<0.005
Ethylbenzene		100-41-4	PRC	29.0	4.4	**0.5**	0.057	<0.005	<0.001	0.0009J
Isopropylbenzene		98-82-8	PRC	NA(2)	0.160	**0.028**	0.027	<0.005	<0.001	0.00036J
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	9.2	**0.27**	<0.005	0.049	0.0018	0.015
Styrene		100-42-5	PRC	NA(2)	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
Toluene		108-88-3	PRC	200	6.6	**0.26**	0.021	<0.005	<0.001	<0.005
Xylenes, Total		1330-20-7	PRC	NA(2)	23.8	**1.2**	0.220	0.011	0.0011	0.0041J

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 W

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS beca

** RRS is taken from EPD CAP approval letter dated December 28,

FPP Free-phase petroleum present in the monitoring well

Table 4
Groundwater Analytical Results - May and June 2010
Fashion Care/Executive Care HSRA Site- HSI # 10786
2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	FMW-1[3]	FMW-2[3]	FMW-3[3]	FMW-4[3]	FWM-5	FMW-6	FMW-7	FMW-8[3]	FMW-9	FMW-10	FMW-11	FMW-12[3]	FMW-13[3]	FMW-14	FMW-15	FMW-16
	Date Sampled				3/8/10	3/8/10	3/9/10	3/8/10	3/11/10	3/11/10	3/9/10	3/8/10	3/11/10	3/11/10	3/11/10	3/17/10	3/17/10	5/27/10	6/15/10	6/15/10
Volatile Organic Compounds																				
Fashion Care HSRA Site Constituents of Interest																				
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.005	<0.5	<0.005	**0.038**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		<0.05	<5.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone		67-64-1	4		<0.05	<0.5	<0.05	0.094	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1, 2-Dichloroethene		156-59-2	0.53		0.024	0.16J	<0.005	**63.0**	0.039	0.18	<0.005	0.0022J	0.29	0.11	0.01	0.0014J	0.0011J	**0.0074**	<0.005	<0.005
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	**0.006**	<0.5	<0.005	**17.0**	**1.2**	**1.4**	<0.005	<0.005	**1.6**	<0.005	**0.044**	0.0046J	**0.018**	**0.01**	<0.005	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.005	<0.5	<0.005	**1.3**	<0.005	<0.005	<0.005	<0.005	0.0062	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	0.0034J	<0.5	<0.005	**22.0**	**0.029**	**0.052**	<0.005	0.001J	**0.072**	**0.028**	**0.011**	<0.005	0.0026J	**0.02**	<0.005	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.002	<0.2	<0.002	**1.8**	**0.0028**	<0.002	<0.002	<0.002	<0.002	**0.011**	<0.002	<0.002	<0.002	<0.002	**0.0061**	<0.002
Properly Applied Chemicals and Non-HSRA Regulated Chemicals																				
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.005	<0.5	<0.005	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone		591-78-6	NR		<0.01	<1.0	<0.01	0.037	<0.01	<0.01	<0.01	0.015	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene		108-90-7	NA(1)		<0.005	<0.5	<0.005	0.002J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylcyclohexane		108-87-2	NR		0.068	0.16J	0.051	0.039	<0.005	<0.005	<0.005	0.14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Petroleum Constituents Related to the EZ-Serve UST SITE																				
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.01	<1.0	<0.01	0.076	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene		71-43-2	PRC	0.071	1.2	14.0	0.19	3.7	<0.005	<0.005	<0.005	2.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Cyclohexane		110-82-7	PRC	NA(2)	0.1	<0.5	0.053	0.069	<0.005	<0.005	<0.005	0.37	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene		100-41-4	PRC	29.0	0.6	3.0	0.0075	0.89	<0.005	<0.005	<0.005	2.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Isopropylbenzene		98-82-8	PRC	NA(2)	0.027	0.095J	0.034	0.038	<0.005	<0.005	<0.005	0.086	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	3.2	1.1	0.0012J	1.3	<0.005	0.064	<0.005	<0.005	0.19	0.017	0.14	0.047	<0.005	**0.0033**	**0.0021**	<0.001
Styrene		100-42-5	PRC	NA(2)	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene		108-88-3	PRC	200	3.4	15.0	0.0065	7.1	<0.005	<0.005	<0.005	5.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Xylenes, Total		1330-20-7	PRC	NA(2)	2.34	16.9	0.019	3.7	<0.01	<0.01	<0.01	12.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 Water Use Classifications and Water Quality Standards)

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-Stream Water Quality Standard

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS because the Type 1 RRS has a higher value.

** RRS is taken from EPD CAP approval letter dated December 28, 2007, table of approved RRS in Condition 8.

FPP Free-phase petroleum present in the monitoring well

Table 4
Groundwater Analytical Results - May and June 2010
Fashion Care/Executive Care HSRA Site- HSI # 10786
2211 Savoy Drive, Chamblee, Georgia

Constituent	Location	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program ISWQS (mg/L)	SB-24[3]	SB-25[3]	SB-26[3]	MW-8	MW-9R	MW-11[3]	MW-13	MW-19	MW-21	MW-23D[3]
	Date Sampled				3/16/10	3/16/10	3/16/10	3/9/10	3/9/10	3/9/10	3/11/10	5/27/10	5/27/10	3/9/10
Volatile Organic Compounds														
Fashion Care HSRA Site Constituents of Interest														
1,1-Dichloroethene		75-35-4	0.007	7.100	<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		0.81J	<1.0	<2.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone		67-64-1	4		2.6	<1.0	<2.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1, 2-Dichloroethene		156-59-2	0.53		**2.2**	**0.78**	**9.7**	<0.005	**1.7**	0.021	<0.005	<0.005	<0.005	0.095
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.1	<0.1	**9.0**	<0.005	**1.7**	**0.026**	<0.005	<0.005	<0.005	**18.0**
trans-1, 2-Dichloroethene		156-60-5	0.1	10	0.046J	<0.1	0.057J	<0.005	0.021	0.0011J	<0.005	<0.005	<0.005	0.0015J
Trichloroethene (TCE)		79-01-6	0.005**	0.03	**0.02J**	<0.1	**6.7**	<0.005	**0.62**	**0.016**	<0.005	<0.005	<0.005	**0.061**
Vinyl Chloride		75-01-4	0.002**	0.0024	**0.035J**	<0.04	**0.81**	<0.002	**0.087**	0.001J	<0.002	<0.002	<0.002	<0.002
Properly Applied Chemicals and Non-HSRA Regulated Chemicals														
1,2-Dichlorobenzene		95-50-1	NA(1)	1.300	<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0021J
2-Hexanone		591-78-6	NR		0.16J	<0.2	<0.5	0.021	<0.01	<0.01	<0.01	<0.01	**0.031**	<0.01
Chlorobenzene		108-90-7	NA(1)		<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylcyclohexane		108-87-2	NR		0.094J	<0.061J	0.17J	0.092	0.14	0.0012J	<0.005	<0.005	**0.039**	0.0058
Petroleum Constituents Related to the EZ-Serve UST SITE														
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.001	<0.01	0.00093J
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.2	<0.2	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	**0.017**	<0.01
Benzene		71-43-2	PRC	0.071	3.5	1.5	0.33	1.0	0.83	0.047	<0.005	<0.001	**1.2**	0.00028J
Cyclohexane		110-82-7	PRC	NA(2)	0.12	0.12	0.17J	0.075	0.12	<0.005	<0.005	<0.005	**0.03**	<0.005
Ethylbenzene		100-41-4	PRC	29.0	0.55	1.4	0.065J	1.1	1.5	0.017	<0.005	**0.0027**	**0.5**	0.0009J
Isopropylbenzene		98-82-8	PRC	NA(2)	0.027J	0.044J	<0.25	0.081	0.14	0.001J	<0.01	<0.005	**0.028**	0.00036J
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	8.1	0.62	<0.25	0.013	0.15	0.0041J	0.012	**0.0017**	**0.27**	0.015
Styrene		100-42-5	PRC	NA(2)	<0.1	<0.1	<0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene		108-88-3	PRC	200	4.6	4.7	0.086J	2.3	0.15	0.0058	<0.005	<0.001	**0.26**	<0.005
Xylenes, Total		1330-20-7	PRC	NA(2)	3.15	6.3	0.081J	5.6	3.06	0.0084J	<0.01	<0.001	**1.2**	0.0041J

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 Wa

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-S

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS beca

** RRS is taken from EPD CAP approval letter dated December 28, 2

FPP Free-phase petroleum present in the monitoring well

Table 5

Surface Water Analytical Results - 2008 and 2010

Fashion Care/Executive Care HSRA Site - HSI #10786

2211 Savoy Drive, Chamblee, Georgia

Constituent	Location / Date Sampled	CAS No.	HSRA Type 1&3 Standard (mg/L)	UST Program/ ISWQS (mg/L)	Surface Water SW-1 9/8/08	Surface Water SW-2 9/8/08	Surface Water SW-3 9/8/08	Surface Water SW-1 1/5/10	Surface Water SW-2 1/5/10	Surface Water SW-3 1/5/10
Volatile Organic Compounds										
1, 1-Dichloroethene		75-35-4	0.007	7.1	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
2-Butanone (MEK)		78-93-3	2		<0.002	<0.002	<0.002	<0.05	<0.05	<0.05
Acetone		67-64-1	4		<0.002	<0.002	<0.002	<0.05	<0.05	<0.05
cis-1, 2-Dichloroethene		156-59-2	0.53		<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Tetrachloroethene (PCE)		127-18-4	0.005**	0.0033	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
trans-1, 2-Dichloroethene		156-60-5	0.1	10	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Trichloroethene (TCE)		79-01-6	0.005**	0.03	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Vinyl Chloride		75-01-4	0.002**	0.0024	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
1,2-Dibromoethane (EDB)		106-93-4	PRC	NA(2)	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
1, 2-Dichloroethane		107-06-2	PRC	0.099	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)		108-10-1	PRC	NA(2)	<0.002	<0.002	<0.002	<0.01	<0.01	<0.01
Benzene		71-43-2	PRC	0.071	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Cyclohexane		110-82-7	PRC	NA(2)	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Ethylbenzene		100-41-4	PRC	29.0	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Isopropylbenzene		98-82-8	PRC	NA(2)	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Methyl tert-butyl ether (MTBE)		1634-04-4	PRC	NA(2)	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
Styrene		100-42-5	PRC	NA(2)	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Toluene		108-88-3	PRC	200	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
Xylenes, Total		1330-20-7	PRC	NA(2)	<0.002	<0.002	<0.002	<0.01	<0.01	<0.01

NOTES:

BOLD Laboratory detection is above applicable regulatory standard.

ISWQS Georgia In-Stream Water Quality Standards (Rule 391-3-6-.03 Water Use Classifications and Water Quality Standards)

PRC Pertroleum related constituent

NA(1) Not Applicable - fumigant-insecticide properly applied

NA(2) Not Applicable - Petroleum related constituent which has no In-Stream Water Quality Standard

NR Not regulated

* Type 4 RRS is defaulted to the equivalent of the Type 1 RRS because the Type 1 RRS has a higher value.

** RRS is taken from EPD CAP approval letter dated December 28, 2007, table of approved RRS in Condition 8.

Table 6
Sediment Analytical Results - June 2010
Fashion Care/Executive Care HSRA Site - HSI #10786
2211 Savoy Drive, Chamblee, Georgia

Constituent	Location / Depth (feet bgs) / Date Sampled	CAS NUMBER	HSRA Soil Type 1 RRS	UST Soil TL*	SD-1 0-0.5 05/28/10	SD-2 0-0.5 05/28/10	SD-3 0-0.5 05/28/10	DUP 20110 (SD-2) 0-0.5 05/28/10
Volatile Organic Compounds (VOCs) - mg/kg								
1, 1-Dichloroethane		75-34-3	44.2	-	<0.0036	<0.0036	<0.0041	<0.0035
1, 1-Dichloroethene (1,1-DCE)		75-35-4	0.7	-	<0.00036	<0.0036	<0.0041	<0.0035
Acetone		67-64-1	400	-	<0.072	0.28	0.24	0.23
cis-1, 2-Dichloroethene		156-59-2	7	-	<0.0036	<0.0036	<0.0041	<0.0035
Tetrachloroethene (PCE)		127-18-4	0.5	-	<0.0036	<0.0036	<0.0041	<0.0035
trans-1, 2-Dichloroethene		156-60-5	10	-	<0.0036	<0.0036	<0.0041	<0.0035
Trichloroethene (TCE)		79-01-6	0.5	-	<0.0036	<0.0036	<0.0041	<0.0035
Vinyl Chloride (VC)		75-01-4	0.2	-	<0.0072	<0.0072	<0.0082	<0.0069
Benzene		71-43-2	PRC	0.02	<0.0036	<0.0036	<0.0041	<0.0035
Toluene		108-88-3	PRC	135	<0.0036	<0.0036	0.0047	<0.0035
Ethylbenzene		100-41-4	PRC	28	<0.0036	<0.0036	<0.0041	<0.0035
Total Xylenes		1330-20-7	PRC	700				
Cyclohexane		110-82-7	PRC	-	<0.0036	<0.0036	<0.041	<0.0035
Isopropylbenzene		98-82-8	PRC	-	<0.0036	<0.0036	<0.0041	<0.0035
MTBE		1634-04-4	PRC	-	<0.0036	<0.0036	<0.0041	<0.0035

NOTES:

BOLD Exceeds HSRA Type 1 RRS

* The applicable UST Threshold Level is Table B, Lower Groundwater Pollution Susceptibility Area, ≤ 500 feet to a Surface Water Body.

PRC Petroleum relalated constituents

Table 7
Water Table Elevation Measurements
Fashion Care/Executive Care HSRA Site - HSI # 10786
2211 Savoy Drive, Chamblee, Georgia

Well ID	Top of Casing Elevation (ft msl)	September 4, 2008				December 1-3, 2008				March 19, 2010				April 7, 2010				May 28, 2010			
		Depth to Free-Phase Petroleum (ft bgs)	Depth to Groundwater (ft bgs)	Free-Product Thickness (ft)	Groundwater Elevation (ft msl)	Depth to Free-Phase Petroleum (ft bgs)	Depth to Groundwater (ft bgs)	Free-Product Thickness (ft)	Groundwater Elevation (ft msl)	Depth to Free-Phase Petroleum (ft bgs)	Depth to Groundwater (ft bgs)	Free-Product Thickness (ft)	Groundwater Elevation (ft msl)	Depth to Free-Phase Petroleum (ft bgs)	Depth to Groundwater (ft bgs)	Free-Product Thickness (ft)	Groundwater Elevation (ft msl)	Depth to Free-Phase Petroleum (ft bgs)	Depth to Groundwater (ft bgs)	Free-Product Thickness (ft)	Groundwater Elevation (ft msl)
FMW-1	98.92	-	15.05	-	83.87	-	14.91	-	84.01	-	11.10	-	87.82		NT				14.29		84.63
FMW-2	97.07	-	13.27	-	83.80	-	13.09	-	83.98	-	9.15	-	87.92		NT				12.26		84.81
FMW-3	96.96	-	13.34	-	83.62	-	13.35	-	83.61	-	10.54	-	86.42		NT				12.08		84.88
FMW-4	97.11	-	13.59	-	83.52	-	13.41	-	83.70	-	10.95	-	86.16		NT				12.68		84.43
FMW-5	95.40	-	12.85	-	82.55	-	12.56	-	82.84	-	11.69	-	83.71		NT				12.42		82.98
FMW-6	93.12	-	10.68	-	82.44	-	10.39	-	82.73	-	9.65	-	83.47		NT				10.34		82.78
FMW-7	96.81	NI	NI	NI	NI	-	13.32	-	83.49	-	11.20	-	85.61		NT				12.65		84.16
FMW-8	97.40	NI	NI	NI	NI	-	12.45	-	84.95	-	10.42	-	86.98		NT				12.63		84.77
FMW-9	94.07	NI	NI	NI	NI	-	11.44	-	82.63	-	10.89	-	83.18	-	NT	-			11.41		82.66
FMW-10	92.85	NI	NI	NI	NI	-	10.24	-	82.61	-	9.36	-	83.49		NT				9.80		83.05
FMW-11	94.40	NI	NI	NI	NI	-	11.65	-	82.75	-	11.03	-	83.37		NT				11.48		82.92
FMW-12	95.90	NI	NI	NI	NI	NI	NI	NI	NI	-	12.55	-	83.35	-	12.63	-	83.27		12.68		83.22
FMW-13	92.05	NI	NI	NI	NI	NI	NI	NI	NI	-	8.28	-	83.77		NT				9.35		82.70
FMW-14	92.35	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI		8.80		83.55
FMW-15	92.35	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
FMW-16	92.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
SB-24	98.56	-	14.50	-	84.06	-	NT	-	-	-	11.11	-	87.45		NT				13.53		85.03
SB-25	98.50	-	dry	-	dry	-	14.38	-	84.12	-	11.40	-	87.10		NT				13.39		85.11
SB-26	98.36	-	13.17	-	85.19	-	13.34	-	85.02	-	11.50	-	86.86		NT				12.23		86.13
MW-1	98.51	13.95	15.80	1.85	82.71	13.65	16.09	2.44	82.42	-	9.91	-	88.60		NT				13.43		85.08
MW-2R	98.38	-	13.83	-	84.55	-	13.50	-	84.88	-	9.06	-	89.32		NT				12.35		86.03
MW-3	98.56	-	13.92	-	84.64	13.68	13.69	0.01	84.87	-	9.30	-	89.26		NT				12.00		86.56
MW-4R	96.72	-	12.62	-	84.10	-	12.45	-	84.27	-	11.15	-	85.57		NT				12.23		84.49
MW-8	96.62	-	13.54	-	83.08	13.30	13.31	0.01	83.31	-	11.98	-	84.64		NT				12.98		83.64
MW-9R	97.11	13.85	13.88	0.03	83.23	-	13.65	-	83.46	-	11.75	-	85.36		NT				12.90		84.21
MW-10R	Converted to Recovery Well																				
MW-11	98.77	-	14.95	-	83.82	-	14.71	-	84.06	-	11.50	-	87.27		NT				14.12		84.65
MW-12	97.52	-	13.64	-	83.88	-	13.43	-	84.09	-	12.75	-	84.77		NT				13.34		84.18
MW-13	96.49	-	13.92	-	82.57	-	13.74	-	82.75	-	12.80	-	83.69		NT				13.36		83.13
MW-14	96.59	-	14.08	-	82.51	-	13.81	-	82.78	-	12.75	-	83.84		NT				13.48		83.11
MW-15	98.91	-	14.45	-	84.46	-	14.21	-	84.70	-	9.97	-	88.94		NT				13.30		85.61
MW-16	98.54	-	13.75	-	84.79	-	13.54	-	85.00	-	9.15	-	89.39		NT				12.30		86.24
MW-17	Converted to Recovery Well																				
MW-18	96.68	-	12.61	-	84.07	-	12.41	-	84.27	-	11.10	-	85.58		NT				12.14		84.54
MW-19	97.31	-	13.21	-	84.10	-	12.96	-	84.35	-	11.55	-	85.76		NT				12.89		84.42
MW-20	97.86	-	13.62	-	84.24	-	13.44	-	84.42	-	11.02	-	86.84		NT				13.03		84.83
MW-21	99.00	14.55	14.64	0.09	84.36	14.30	14.34	0.04	84.66	-	10.12	-	88.88		NT				12.70		86.30
MW-22	99.48	-	14.89	-	84.59	-	14.64	-	84.84	-	10.24	-	89.24		NT				13.50		85.98
MW-23D	96.13	-	13.00	-	83.13	-	12.79	-	83.34	-	11.12	-	85.01		NT				12.36		83.77
SG-1	86.84	NI	NI	NI	NI	NI	NI	NI	NI	-	3.65	-	83.19	-	3.72	-	83.12	Destroyed by High Water			
SG-2	86.38	NI	NI	NI	NI	NI	NI	NI	NI	-	3.87	-	82.51	-	3.94	-	82.44	Destroyed by High Water			

NOTES:
ft msl, feet above mean sea level.
ft toc, feet below top of casing.
MW-5, MW-6 and MW-7 do not exist
-, denotes no free-phase petroleum was found in the well
NT, measurement not taken
NI, Monitoring well not installed

Section 11
Figures

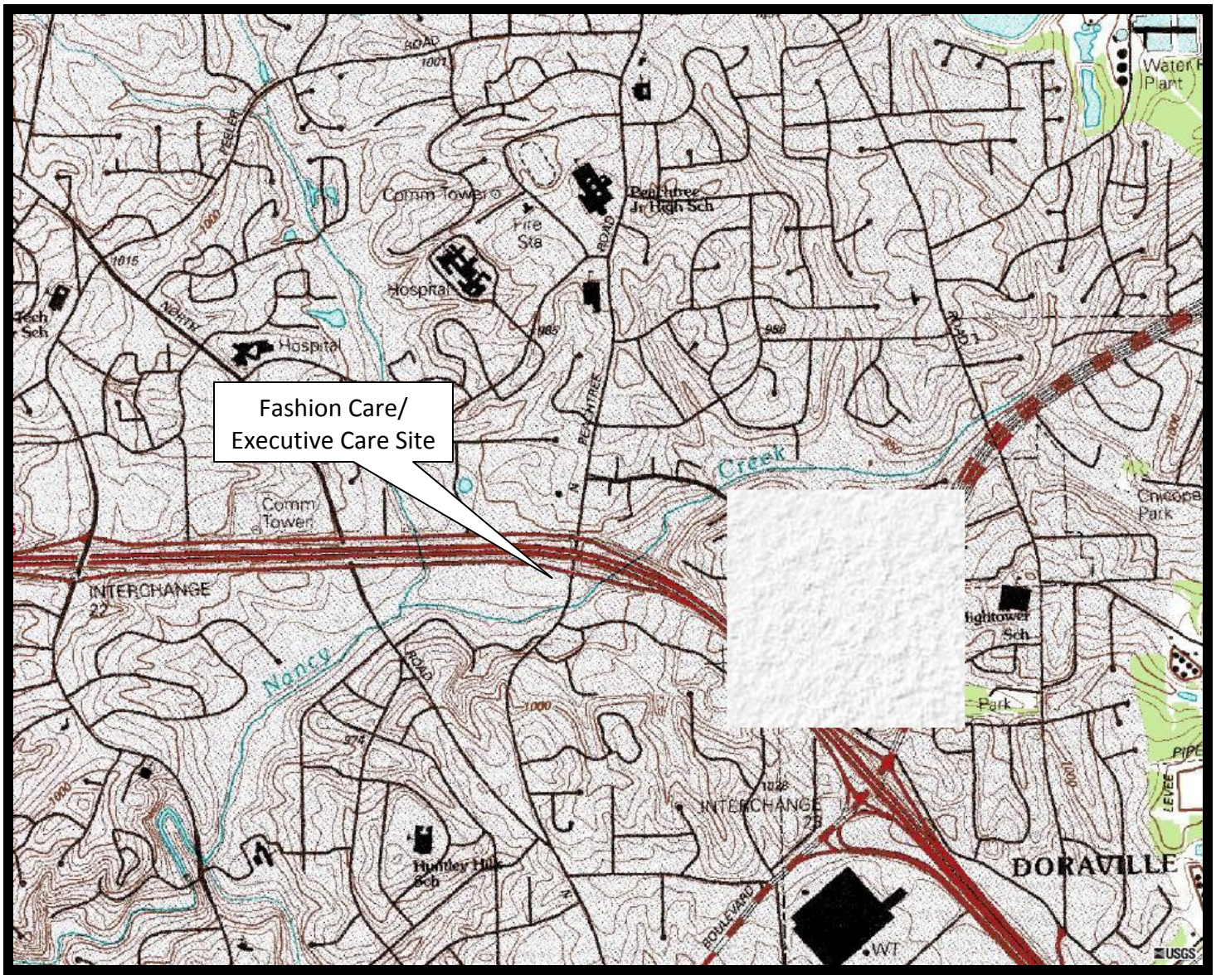
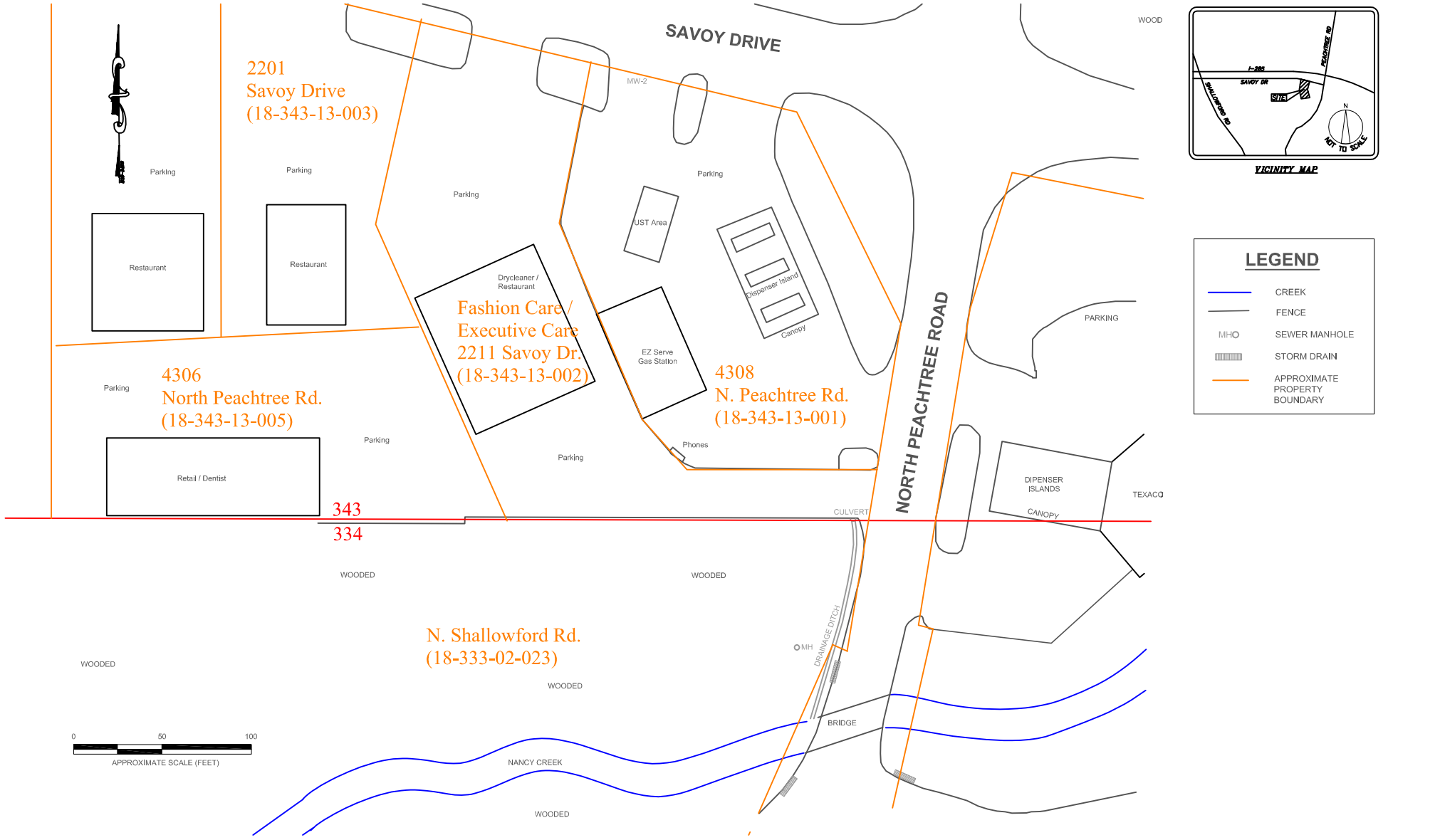


Image courtesy of the U.S. Geological Survey

WINTER ENVIRONMENTAL

Figure 1
Site Location Map
Fashion Care/Executive Care HSRA Site
2211 Savoy Drive, Chamblee, Georgia



Referenced Drawing is Based off of Landpro Survey

PROJECT NO.	DRAWN	DATE
08086	GTH	6/28/10

WINTER ENVIRONMENTAL

Figure 2
Tax Parcel Map
Fashion Care / Executive Care Site
2211 Savoy Dr
Chamblee, GA 30341

Referenced Drawing is Based off of Landpro Survey

PROJECT NO.	DRAWN	DATE
08096	GTM	6/28/10

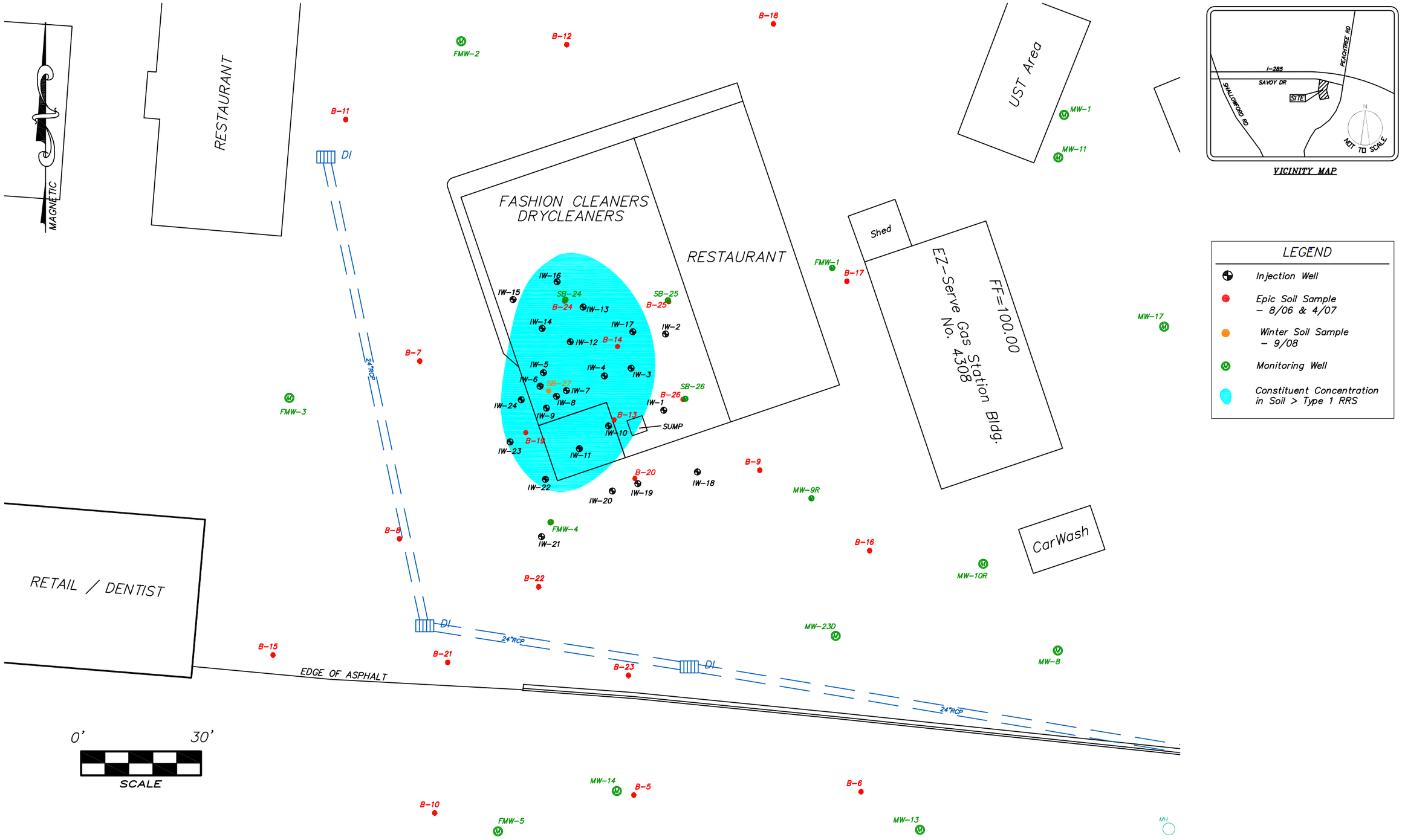
WINTER ENVIRONMENTAL

Figure 3

Groundwater, Surface Water and Sediment Sample Location Map

Fashion Care / Executive Care Site

2211 Savoy Dr
Chamblee, GA 30341



VICINITY MAP

LEGEND

- Injection Well
- Epic Soil Sample – 8/06 & 4/07
- Winter Soil Sample – 9/08
- Monitoring Well
- Constituent Concentration in Soil > Type 1 RRS

Referenced Drawing is Based off of Landpro Survey

PROJECT NO.	DRAWN	DATE
08096	GTM	6/28/10

WINTER ENVIRONMENTAL

Figure 4

Pre-Remediation Soil Delineation Map with Injection Points

Fashion Care / Executive Care Site
2211 Savoy Dr
Chamblee, GA 30341

RESTAURANT

RESTAURANT

MAGNETIC

FASHION CLEANERS
DRYCLEANERS

RESTAURANT

UST Area

Shed

EZ-Serve Gas Station Bldg.
No. 4308
FF=100.00

RETAIL / DENTIST

Car Wash

EDGE OF ASPHALT

DI

24"RCP

SUMP

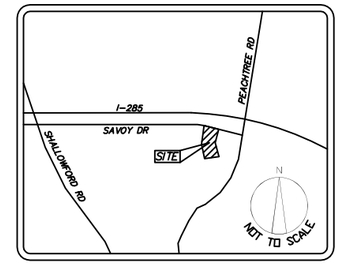
B-18
B-12
B-11
B-7
B-8
B-15
B-21
B-22
B-23
B-24
B-25
B-26
B-13
B-14
B-17
B-9
B-20
B-16
B-10
B-5
B-6

FMW-2
FMW-7
FMW-3
FMW-1
FMW-4
FMW-5
FMW-10

MW-1
MW-11
MW-9R
MW-10R
MW-23D
MW-8
MW-14
MW-13

IW-15
IW-16
IW-17
IW-18
IW-19
IW-20
IW-21
IW-22
IW-23
IW-24
IW-1
IW-2
IW-3
IW-4
IW-5
IW-6
IW-7
IW-8
IW-9
IW-10
IW-11
IW-12
IW-13

SB-24
SB-25
SB-26
SB-27
SB-28
SB-29
SB-30
SB-31
SB-32
SB-33
SB-34
SB-35
SB-36



VICINITY MAP

LEGEND

- Injection Well
- Winter Confirmation Soil Sample 5/09
- Epic Soil Sample 8/06, 4/07
- Winter Soil Sample 9/08
- Monitoring Well
- ConstituentConcentration in Soil > Type 1 RRS

0' 30'

SCALE

Referenced Drawing is Based off of Landpro Survey

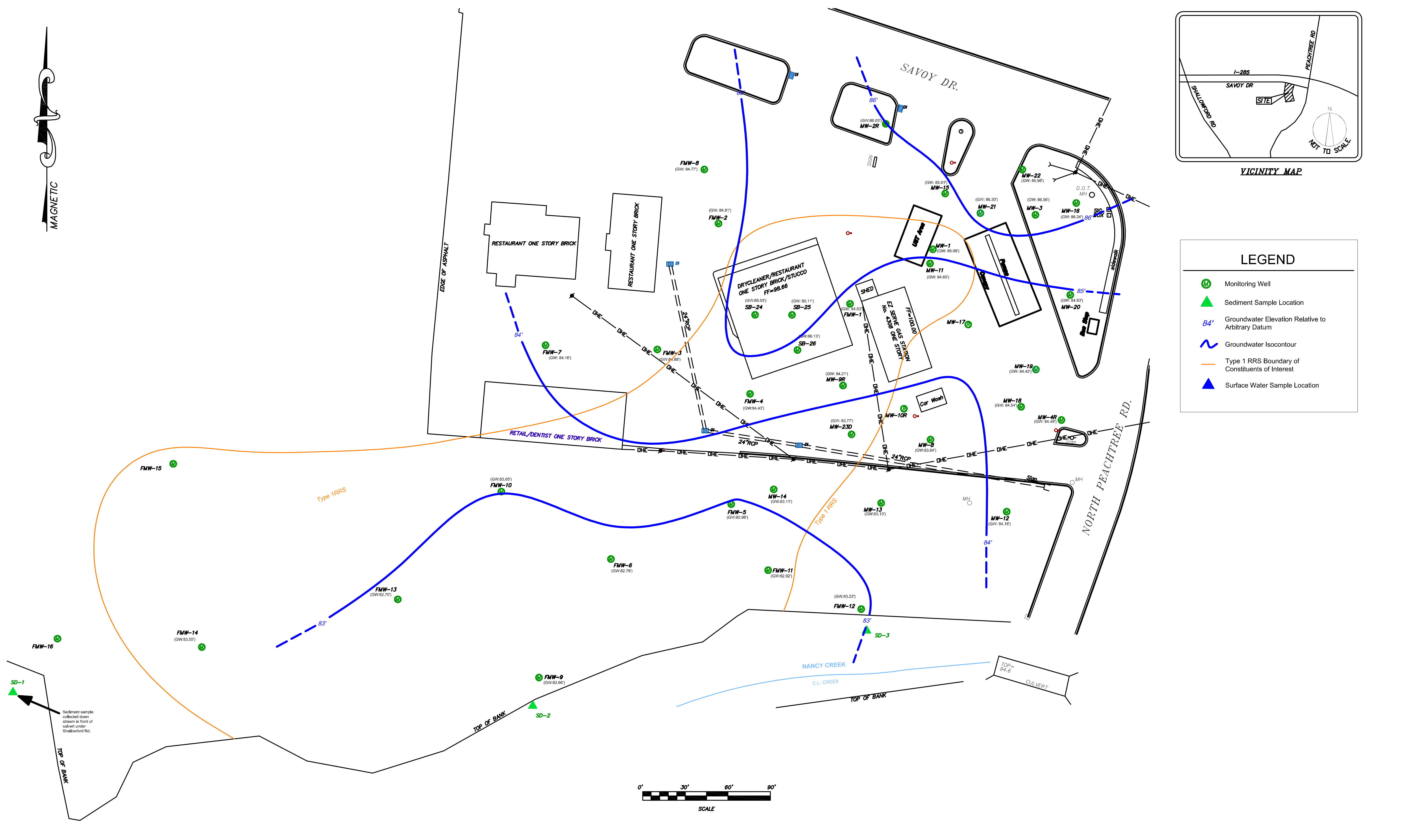
PROJECT NO.	DRAWN	DATE
08096	GTM	6/28/10

WINTER ENVIRONMENTAL

Figure 5

Post-Remediation Soil Delineation Map

Fashion Care / Executive Care Site
2211 Savoy Dr
Chamblee, GA 30341


MAGNETIC
SAVOY DR.
NORTH PEACHTREE RD.
EDGE OF ASPHALT
RESTAURANT ONE STORY BRICK
RESTAURANT ONE STORY BRICK
DRYCLEANER/RESTAURANT ONE STORY BRICK/STUCCO FF=98.66
RETAIL/DENTIST ONE STORY BRICK
EZ SERVE GAS STATION No. 4308 ONE STORY
FF=100.00
SHED
Car Wash
UST Area
24"RCP
NANCY CREEK
TOP OF BANK
Type 1RRS
Type 1 RRS
Sediment sample collected down stream in front of culvert under Shallowford Rd.
SD-1
SD-2
SD-3
FMW-15
FMW-16
FMW-14 (GW:83.55')
FMW-13 (GW:82.70')
FMW-10 (GW:83.05')
FMW-9 (GW:82.66')
FMW-7 (GW: 84.16')
FMW-6 (GW:82.78')
FMW-5 (GW:82.98')
FMW-4 (GW:84.43')
FMW-3
FMW-2 (GW: 84.81')
FMW-8 (GW: 84.77')
FMW-1
FMW-11 (GW:82.92')
FMW-12 (GW:83.22')
SB-24 (GW:85.03')
SB-25 (GW: 85.11')
SB-26 (GW:86.13')
MW-2R (GW:86.03')
MW-15 (GW: 85.61')
MW-21 (GW: 86.30')
MW-22 (GW: 85.98')
MW-3 (GW: 86.56')
MW-16 (GW: 86.24')
MW-1 (GW: 85.08')
MW-11 (GW: 84.65')
MW-20 (GW: 84.83')
MW-17
MW-19 (GW: 84.42')
MW-9R (GW: 84.21')
MW-10R
MW-18 (GW: 84.54')
MW-4R (GW: 84.49')
MW-23D (GW: 83.77')
MW-8 (GW:83.64')
MW-14 (GW:83.11')
MW-13 (GW:83.13')
MW-12 (GW: 84.18')
86'
85'
84'
83'
0' 30' 60' 90'
SCALE
VICINITY MAP
I-285
SAVOY DR
PEACHTREE RD
SHALLOWFORD RD
SITE
NOT TO SCALE
LEGEND
Monitoring Well
Sediment Sample Location
84' Groundwater Elevation Relative to Arbitrary Datum
Groundwater Isocontour
Type 1 RRS Boundary of Constituents of Interest
Surface Water Sample Location
Referenced Drawing is Based off of Landpro Survey

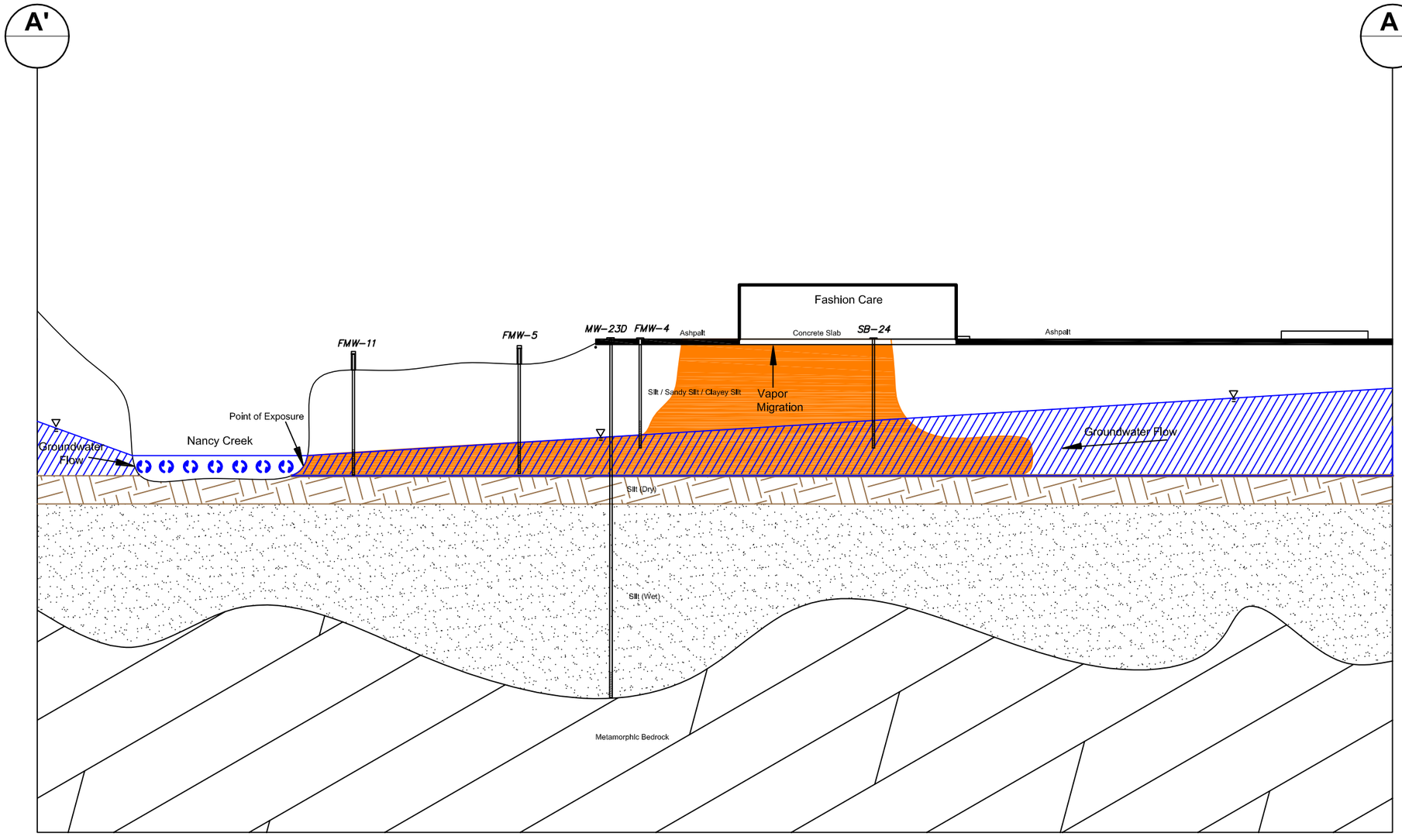
PROJECT NO.	DRAWN	DATE
08096	GTM	6/28/10

WINTER ENVIRONMENTAL

Figure 7

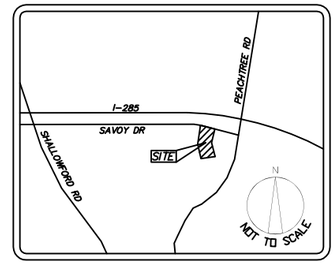
May/June 2010 Constituents in Groundwater & Potentiometric Surface Map

Fashion Care / Executive Care Site
2211 Savoy Drive
Chamblee, GA 30341



0' 30' 60' 90'

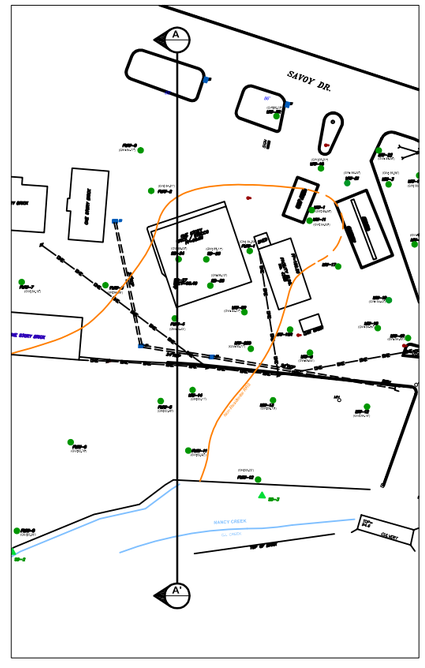
Approximate
HORIZONTAL SCALE



VICINITY MAP

LEGEND

- Impacted Soil
- Impacted Groundwater
- Groundwater



Referenced Drawing is Based off of Landpro Survey

PROJECT NO.	DRAWN	DATE
08096	CTM	6/28/10

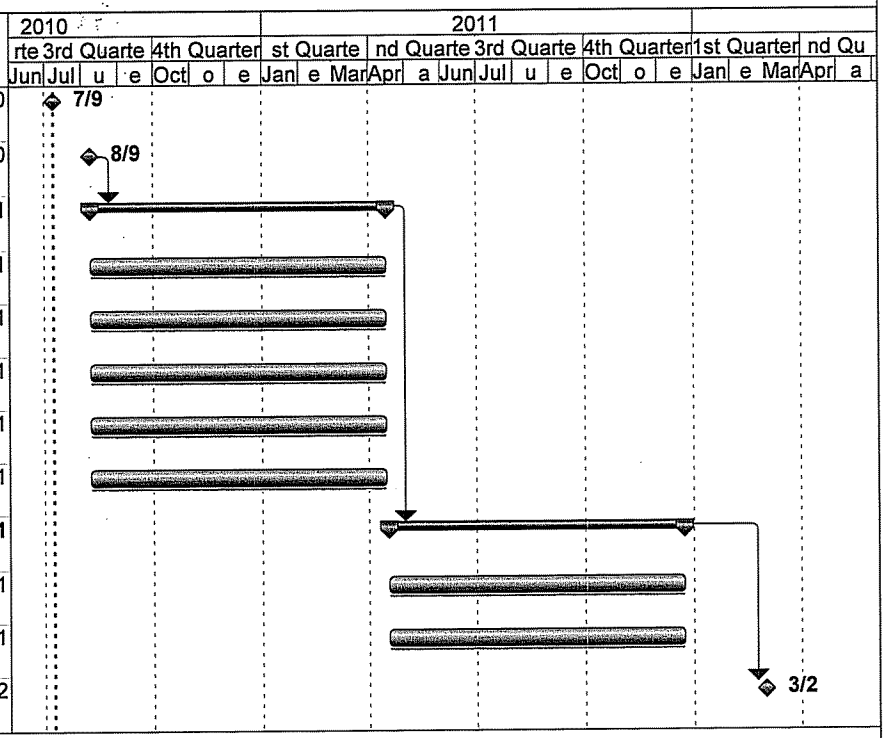
WINTER ENVIRONMENTAL

Figure 8
Conceptual Site Model

Fashion Care / Executive Care Site
2211 Savoy Dr
Chamblee, GA 30341

Figure 9
Voluntary Remediation Plan Schedule
Fashion Care/Executive Care Site, 2211 Savoy Drive, Chamblee Georgia

ID	Task Name	Duration	Start	Finish
1	**VRPA SUBMITTAL**	0 days	Fri 7/9/10	Fri 7/9/10
2	**EPD APPROVALOF VRPA**	0 days	Mon 8/9/10	Mon 8/9/10
3	**1st 6 MONTH STATUS REPORT**	**180 days**	**Mon 8/9/10**	**Fri 4/15/11**
4	Vertical Delineation	180 days	Mon 8/9/10	Fri 4/15/11
5	Vapor Mitigation System Design & Schedule	180 days	Mon 8/9/10	Fri 4/15/11
6	Executed Environmental Covenants	180 days	Mon 8/9/10	Fri 4/15/11
7	Point of Compliance Monitoring Plan	180 days	Mon 8/9/10	Fri 4/15/11
8	VRP Cost Estimate	180 days	Mon 8/9/10	Fri 4/15/11
9	**2nd 6 MONTH STATUS REPORT**	**180 days**	**Mon 4/18/11**	**Fri 12/23/11**
10	Results of 1st Round of Point of Compliance Monito	180 days	Mon 4/18/11	Fri 12/23/11
11	Vapor Mitigation System Completion Update	180 days	Mon 4/18/11	Fri 12/23/11
12	**VRP Compliance Status Report**	0 days	Fri 3/2/12	Fri 3/2/12



Date: 07/09/10

Task — Milestone — External Tasks
Split — Summary — External Milestone
Progress — Project Summary — Deadline

Appendix A
Warranty Deeds

Deed [illegible] 15562 Pg 660
Filed and Recorded Nov-18-2003 07:37pm
2003-0221807
Real Estate Transfer Tax $0.00

Linda Carter

Linda Carter
Clerk of Superior Court Dekalb Cty. Ga.

When recorded, return to:
DAVIS, MATTHEWS & QUIGLEY, P.C.
3400 Peachtree Road, NE
14th Floor - Lenox Towers II
Atlanta, Georgia 30326
ATTN: M.L. Drake, Jr., Esq.

CORRECTIVE WARRANTY DEED

STATE OF GEORGIA

COUNTY OF ~~Ber~~ Walton

THIS INDENTURE, made the 7 day of November, in the year of two thousand three, between

BUSINESS ASSOCIATES, INC., a Georgia corporation

as party of the first part, hereinafter called Grantor, and

JOHN F. ROWAN

as party of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00), in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

> ALL THAT TRACT or parcel of land lying and being in Land Lot 343 of the 18th District of DeKalb County, Georgia, and being more particularly described on Exhibit "A", attached hereto and incorporated herein by reference.

THIS PROPERTY is conveyed subject to General Utility Easements of record, zoning ordinances of DeKalb County, Georgia, and all 2003 taxes.

THIS CORRECTIVE Warranty Deed is given for the purpose of correcting a scrivener's error contained in that certain Warranty Deed recorded in Deed Book 14413, Page 733, DeKalb County, Georgia Records. The Grantee's name set forth in said Warranty Deed should have been John F. Rowan, and not John F. Rowman.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above-described property unto the said Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed, the day and year above written.

Signed, sealed and delivered
in the presence of:

Unofficial Witness

Notary Public
Commission Expiration Date:

(NOTARY SEAL)

CHRISTY G. NIX
NOTARY
EXPIRES
7-16-05
GEORGIA
PUBLIC
WALTON COUNTY

BUSINESS ASSOCIATES, INC.,
a Georgia corporation

BY: Hannah R. Kittrell
HANNAH R. KITTRELL
President

[CORPORATE SEAL]

[DULY AUTHORIZED, EMPOWERED AND DIRECTED TO EXECUTE AND DELIVER THIS INSTRUMENT]

Linda Carter

Linda Carter
Clerk of Superior Court Dekalb Cty. Ga.

All that tract or parcel of land lying and being in Land Lot 343 of the 18th District of DeKalb County, Georgia and being more particularly described as follows: Beginning at an iron pin on the westerly line of the right of way of North Peachtree Road (which line is 35 feet westerly from the center line of said road) and on the line dividing Land Lots 343 and 334; and running thence along said Land Lot line South, 89 degrees 53 minutes West, 213 feet to an iron pin; thence North 22 degrees 15 minutes West, 158.85 feet to an iron pin; thence North 15 degrees 11 minutes East, 120 feet to an iron pin on the southerly line of the right of way of I-285; thence South 74 degrees 49 minutes East along the southerly right of way of I-285, 100 feet to an iron pin; thence South 15 degrees 11 minutes West, 990 feet to an iron pin; thence South 23 degrees 25 minutes 30 seconds East, 111.6 feet to an iron pin; thence South 60 degrees 44 minutes East, 60 feet to an iron pin, thence North 89 degrees 53 minutes East, 75 feet to an iron pin on the westerly right of way of North Peachtree Road; thence along said right of way South 9 degrees 17 minutes 30 seconds West, 18 feet to the POINT OF BEGINNING. According to a Plat by Earnest L. Boggus dated June 14, 1968, revised April 10, 1969, revised May 8, 1970. Subject to covenants, easements and restrictions of record and to utility easements.

This is the same property conveyed by Business Associates, Inc. to CJH Capital Corporation by Warranty Deed dated September 21, 1987, recorded in Deed Book 5954, page 189, Clerk's Office, DeKalb County Superior Court

EXHIBIT A

De[illegible]ook 14413 Pg 733
Filed [illegible]d Recorded Apr-04-2003 09:09am
2003-0059416
Real Estate Transfer Tax $499.00

Linda Carter

Linda Carter
Clerk of Superior Court Dekalb Cty. Ga.

Russell, Stell, Smith & McLocklin, P.C.
P. O. Box 644
Winder, GA 30680

R03-7914

WARRANTY DEED

STATE OF GEORGIA

COUNTY OF BARROW

This Indenture made this **1st** day of **April,** in the year **Two Thousand Three**, between **Business Associates, Inc.**, of the County of DeKalb, State of Georgia, as party or parties of the first part, hereinunder called Grantor, and **John F. Rowman**, as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

W I T N E S S E T H that: Grantor, for and in consideration of the sum of **TEN AND 00/100'S ($10.00) Dollars** and other good and valuable consideration in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

All that tract or parcel of land lying and being in Land Lot 343 of the 18th District of DeKalb County, Georgia and being more particularly described as follows: Beginning at an iron pin on the westerly line of the right of way of North Peachtree Road (which line is 35 feet westerly from the center line of said road) and on the line dividing Land Lots 343 and 334; and running thence along said Land Lot line South, 89 degrees 53 minutes West, 213 feet to an iron pin; thence North 22 degrees 15 minutes West, 158.85 feet to an iron pin; thence North 15 degrees 11 minutes East, 120 feet to an iron pin on the southerly line of the right of way of I-285; thence South 74 degrees 49 minutes East along the southerly right of way of I-285, 100 feet to an iron pin; thence South 15 degrees 11 minutes West, 990 feet to an iron pin; thence South 23 degrees 25 minutes 30 seconds East, 111.6 feet to an iron pin; thence South 60 degrees 44 minutes East, 60 feet to an iron pin, thence North 89 degrees 53 minutes East, 75 feet to an iron pin on the westerly right of way of North Peachtree Road; thence along said right of way South 9 degrees 17 minutes 30 seconds West, 18 feet to the POINT OF BEGINNING. According to a Plat by Earnest L. Boggus dated June 14, 1968, revised April 10, 1969, revised May 8, 1970. Subject to covenants, easements and restrictions of record and to utility easements.

This is the same property conveyed by Business Associates, Inc. to CJH Capital Corporation by Warranty Deed dated September 21, 1987, recorded in Deed Book 5954, page 189, Clerk's Office, DeKalb County Superior Court

This property is conveyed subject to General Utility Easements of record, zoning ordinances of DeKalb County, Georgia and all 2003 taxes.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in **FEE SIMPLE.**

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has hereunto set its corporate hand and affixed its corporate seal this day and year first above written.

Signed, sealed and delivered in the presence of:

Robin Roberts
Witness

Notary Public

NOTARY PUBLIC Exp. Dec. 30 BARROW CO.

Business Associates, Inc.

By: John F. Rowman (Seal)
John F. Rowman,, President

By: _____ (Seal)

(Corporate Seal)

R03-7914
Rowman

Deed Book 19938 Pg 88
Filed and Recorded May-10-2007 07:19am
2007-0094454
Real Estate Transfer Tax $81.50
Linda Carter
Clerk of Superior Court
DeKalb County, Georgia

AFTER RECORDING, RETURN TO:
Alissa L. Cummo, Esq.
ANDERSEN, TATE & CARR, P.C.
1505 Lakes Parkway, Suite 100
Lawrenceville, Georgia 30043
File #4161.70067

LIMITED WARRANTY DEED

STATE OF GEORGIA
COUNTY OF GWINNETT

THIS INDENTURE, Made the 9th day of May, 2007, between

METRO ATLANTA COMMERCIAL PROPERTIES, LLC,
a Georgia limited liability company

as party or parties of the first part, hereinafter called Grantor, and

GEORGIA-ALABAMA COMMERCIAL INVESTMENTS, LLC,
a Delaware limited liability company

as parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATIONS ($10.00) in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

All that tract or parcel of land lying and being in Land Lot 178 of the 15th District and Land Lot 343 of the 18th District, DeKalb County, Georgia, as more particularly described in Exhibit "A" attached hereto and incorporated herein by reference.

The property described herein is being conveyed subject to the items listed in Exhibit "B" attached hereto and incorporated by reference.

This conveyance is made subject to that certain Deed to Secure Debt from Metro Atlanta Commercial Properties, LLC to Fidelity National Bank dated April 28, 2003, in the original principal amount of $5,360,000.00, filed for record April 30, 2003 and recorded in Deed Book 14402, Page 215, DeKalb County, Georgia records, with a current principal amount of $5,121,339.00.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of Grantor and all others claiming by, through or under Grantor.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed, the day and year above written.

Signed, sealed and delivered
in the presence of:

Unofficial Witness

Notary Public

[NOTARY SEAL]

METRO ATLANTA COMMERCIAL PROPERTIES, LLC, a Georgia limited liability company

By: _____ (SEAL)
Marvin K. Hewatt, Manager

EXHIBIT "A"
LEGAL DESCRIPTION

225 CLIFTON STREET, SE, ATLANTA, GEORGIA

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 178 of the 15th District, Dekalb County, Georgia, containing 0.875 acres according to a ALTA/ACSM Land Title Survey for Metro Atlanta Commercial Properties, LLC, prepared by Thompson & Associates Land Surveying, Inc. by William B. Thompson (G.R.L.S, No. 2027), dated February 3, 2003, and being more particularly described according to said survey as follows:

BEGINNING at a rebar found located at the intersection of the southerly right-of-way line of Memorial Drive (a/k/a Georgia Highway 154) (70' R/W) and the westerly right-of-way line of Clifton Street SE (50' R/W), run thence along the aforesaid right-of-way line of Clifton Street South 00 degrees 16 minutes 59 seconds East a distance of 190.02 feet to a one-inch iron pin found; leaving the aforesaid right-of-way line, run thence South 87 degrees 03 minutes 33 seconds West a distance of 200.53 feet to a rebar found; run thence North 00 degrees 20 minutes 00 seconds West a distance of 190.34 feet to a rebar found located on the aforesaid southerly right-of-way line of Memorial Drive; run thence along the aforesaid right-of-way line North 87 degrees 09 minutes 06 seconds East a distance of 200.69 feet to a point marked by a rebar found, said point being the true place or point of BEGINNING.

4308 NORTH PEACHTREE ROAD, CHAMBLEE, GEORGIA

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 343 of the 18th District, Dekalb County, Georgia, according to an ALTA/ACSM Land Title Survey for Metro Atlanta Commercial Properties, LLC, Fidelity National Bank and Lawyers Title Insurance Corporation prepared by Busbee Land Surveying Co., Inc by Ricky C. Busbee (G.R.L,S. No. 2497), dated December 14, 1997, as last revised March 21, 2003, and being more particularly described according to said survey as follows:

BEGINNING at a point marked by an one-half inch rebar found located on the westerly right-of-way line of North Peachtree Road (70' R/W), said point being located 18.00 feet in a generally northeasterly direction along said right-of-way line of North Peachtree Road from its intersection with the Land Lot Line common to Land Lots 334 and 343, leaving the aforesaid right-of-way line of North Peachtree Road, run thence South 89 degrees 53 minutes 00 seconds West a distance of 75.00 feet to a one-half inch rebar found; run thence North 60 degrees 44 minutes 00 seconds West a distance of 60.00 feet to a one-half inch rebar found; run thence North 23 degrees 25 minutes 30 seconds West a distance 111.60 feet to an iron pin placed; run thence North 15 degrees 11 minutes 06 seconds East a distance of 90.00 feet to a point located on the southwesterly right-of-way line of I-285 Access Road Circumferential Highway (R/W Varies); run thence along the aforesaid right-of-way line South 74 degrees 49 minutes 00 seconds East a distance of 112.00 feet to an iron pin placed located at the northwesternmost point of a mitered intersection oft the aforesaid right-of-way line of I-285 Access Road Circumferential Highway and the aforesaid westerly right-of-way line of North Peachtree Road; run thence along said miter

South 23 degrees 23 minutes 55 seconds East a distance of 129.70 feet to a point marked by an iron pin placed, said point being the southeasternmost point of the aforesaid mitered intersection and being located on the aforesaid right-of-way line of North Peachtree Road; run thence along the aforesaid right-of-way line South 09 degrees 17 minutes 30 seconds West a distance of 71.00 feet to a point marked by an one-half inch rebar found, said point being the true place or point of BEGINNING.

EXHIBIT "B"
PERMITTED TITLE EXCEPTIONS

AS TO 225 CLIFTON STREET, SE, ATLANTA, GEORGIA

1. Taxes and assessments for the year 2007 and subsequent years, a lien but not yet due and payable.

2. Rights of tenants in possession, as tenants only, under prior unrecorded leases. Such rights do not include any options to purchase or rights of first refusal to purchase all or any portion of the insured land.

AS TO 4308 NORTH PEACHTREE ROAD, CHAMBLEE, GEORGIA

1. Taxes and assessments for the year 2007 and subsequent years, a lien but not yet due and payable.

2. Rights of tenants in possession, as tenants only, under prior unrecorded leases. Such rights do not include any options to purchase or rights of first refusal to purchase all or any portion of the insured land.

Appendix B
Boring Logs, Well Construction Logs, Slug Test Data (Winter Environmental)

Soil Boring Log

Boring ID: FMW-1

WINTER ENVIRONMENTAL

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	9/3/08
Location:	Immediately east of dry cleaner	Date Completed:	9/3/08
Driller:	Atlas Geo Sampling	Field Oversite:	Joe King/L. Diprima
DTW:	18' Final Depth: 25'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt/Gravel 4 inches			
	Reddish Brown White silty SAND, fine-med, moist	80%		Petroleum smell in the boring. No soil samples collected
5	Brown Tan silty SAND, fine-med, moist	100%		
	Brown Tan Green silty CLAY, moist	100%		
10	Red Tan mottled clayey SILT, moist	100%		
15	Tan Gray silty CLAY, moist ▽ WT~18' Tan Gray silty SAND, fine-med, WET	100%		
20	Reddish Brown mottled silty SAND to clayey SILT, WET	100%		
25	Boring Terminated @ 25' BLS			
30				
35				
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Soil Boring Log

Boring ID: FMW-2

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: Northeast od dry cleaner
Driller: Atlas Geo Sampling
DTW: 16' Final Depth: 24'

Elevation:
Date started: 9/3/08
Date Completed: 9/3/08
Field Oversite: Joe King/L. Diprima

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt/Gravel 4 inches			
	Reddish Brown clayey SILT, moist	100%		Petroleum smell in boring. No soil samples collected
5		100%		
	Tan Brown silty CLAY, moist			
	Light Brown Tan Red sandy SILT, moist	100%		
10		100%		
15	▽ WT~16'			
	Tan Red White sandy SILT, WET	100%		
20		100%		
25	Boring Terminated @ 24' BLS			
30				
35				
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Soil Boring Log

Boring ID: FMW-3

WINTER ENVIRONMENTAL

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	9/3/08
Location:	West of dry cleaner	Date Completed:	9/3/08
Driller:	Atlas Geo Sampling	Field Oversite:	Joe King/L. Diprima
DTW:	15'	Final Depth:	20'

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt/Gravel 4 inches			No soil sammples collected
	Reddish Brown silty CLAY, moist	100%		
5		100%		
10	Light Brown Tan silty CLAY, moist	100%		
		100%		
15	▽ WT~15' Tan White sandy SILT, WET			
		100%		
	Reddish Brown silty CLAY, WET			
20	Terminate Boring @20' BLS			
25				
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35				
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Soil Boring Log

Boring ID: FMW-4

Project: Fashion Care
Project No: 8096
Location: Outside, immediately south of dry cleaner
Driller: Atlas Geo Sampling
DTW: 14' Final Depth: 20'

Elevation:
Date started: 9/4/08
Date Completed: 9/4/08
Field Oversite: Joe King/L. Diprima

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt/Gravel 4 inches			
	Reddish Brown silty CLAY, moist	80%	0-2'	Sample for VOC's
5	Reddish Tan silty CLAY, moist	80%	4'-8'	Sample For VOC's
10		100%		
	Reddish Brown clayey SILT, moist		11'-13'	Sample For VOC's
	▽ WT~14'	100%		
15	WET			
	Reddish Brown Tan SAPROLITE, WET	100%		
20	Terminate Boring @20' BLS			
25				
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35				
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Soil Boring Log

Boring ID: FMW-5

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	9/4/08
Location:	South of dry cleaners	Date Completed:	9/4/08
Driller:	Atlas Geo Sampling	Field Oversite:	Joe King/L. Diprima
DTW:	14' Final Depth: 16'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Brown Tan silty CLAY, dry	100%		No soil samples collected
5	Reddish Brown silty CLAY, moist	100%		
10	▽ WT~14'	100%		
	WET	100%		
15	Gray silty CLAY, WET			
	Terminate Boring @16' BLS			
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35				
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Soil Boring Log

Boring ID: FMW-6

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	9/4/08
Location:	Southwest of dry cleaners	Date Completed:	9/4/08
Driller:	Atlas Geo Sampling	Field Oversite:	Joe King/L. Diprima
DTW:	14' Final Depth: 16'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Brown Red silty CLAY, dry	100%		No soil samples collected
5	Reddish Brown silty CLAY, micaceous, moist	100%		
10	▽ WT~14'	100%		
15	Reddish Brown silty CLAY, micaceous, WET	100%		
	Terminate Boring @16' BLS			
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Soil Boring Log

Boring ID: FMW-7

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: West of dry cleaner
Driller: Atlas Geo Sampling
DTW: 11' Final Depth: 18'

Elevation:
Date started: 11/25/08
Date Completed: 11/25/08
Field Oversite: Joe King/L. Diprima

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt/Gravel 4 inches			
	Black Brown silty SAND, fine-med, damp	50%		No soil samples collected
	Red Tan silty CLAY, moist			
5	Red Brown Tan silty CLAY, moist	90%		
	White Tan silty SAND, med., moist			
	Red Tan Brown silty SAND, fine-med, moist	100%		
10	▽ WT~11'			
	Reddish Tan silty SAND, fine-med, WET.	100%		
15		100%		
	Boring Terminated @ 18' BLS			
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Soil Boring Log

Boring ID: FMW-8

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: Northwest of dry cleaner
Driller: Atlas Geo Sampling
DTW: 13' Final Depth: 20'

Elevation:
Date started: 11/25/08
Date Completed: 11/25/08
Field Oversite: Len Diprima/Joe King

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	4" Asphalt			No soil samples collected
	Reddish Brown silty CLAY Fill	50%		
5	Brown Clayey sandy SILT, strong petroleum odor.	85%		
	(7') Grading to Grey SILT, moist, strong petroleum odor.			
10	Very Moist @12'	100%		
	▽ WT~13'			
	Grading to Reddish Brown SILT, wet, strong petroleum o	100%		
15	odor.			
		100%		
20	Boring Terminated @ 20' BLS			
25				
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35				
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Soil Boring Log

Boring ID: FMW-9

Project: Fashion Care
Project No: 8096
Location: Southwest of dry cleaner near creek
Driller: Atlas Geo Sampling
DTW: 8.5' Final Depth: 16'

Elevation:
Date started: 11/25/08
Date Completed: 11/25/08
Field Oversite: Len Diprima/Joe King

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown SILT	45%		No soil samples collected
5	(7') Moist.	60%		
	▽WT~8.5'			
10	8.5' Grey sandy SILT, w/scattered round pebbles, WET	50%		
15	Boring Terminated @ 16' BLS			
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35				
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Soil Boring Log

Boring ID: FMW-10

Project: Fashion Care
Project No: 8096
Location: Southwest of dry cleaner
Driller: Atlas Geo Sampling
DTW: 9' Final Depth: 16'

Elevation:
Date started: 11/25/08
Date Completed: 11/25/08
Field Oversite: Len Diprima/Joe King

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown SILT, mosit	50%		No soil samples collected.
5	Tan Red silty CLAY, moist	80%		
	▽ WT~9'			
10	Reddish Brown with some tan silty SAND, fine-med WET.	100%		
15	Tan Red silty SAND, fine-med WET.	100%		
	Boring Terminated @ 16' BLS			
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Soil Boring Log

Boring ID: FMW-11

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: South of dry cleaner
Driller: Atlas Geo Sampling
DTW: 9' Final Depth: 16'

Elevation:
Date started: 11/25/08
Date Completed: 11/25/08
Field Oversite: Len Diprima/Joe King

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown silty CLAY, mosit	50%		No soil samples collected
5		80%		
	▽ WT~9'			
10	Reddish Tan silty CLAY, WET	100%		
15		100%		
	Boring Terminated @ 16' BLS			
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25				
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35				
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Soil Boring Log

Boring ID: FMW-12

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	3/17/10
Location:	South of dry cleaner	Date Completed:	3/17/10
Driller:	Atlas Geo Sampling	Field Oversite:	Diprima
DTW:	9'	Final Depth:	16'

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown SILT, some relict rock structure	60%		No soil samples collected
5	5'-7' clayey SILT	80%		
▽	9' sandy SILT; WET	90%		
10				
	14'-15' Gravel	50%		
15	15'-16' Grey SILT; DRY			
	Boring Terminated @ 16' BLS			
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25				
30				
35				
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Soil Boring Log

Boring ID: FMW-13

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	3/17/10
Location:	South of dry cleaner	Date Completed:	3/17/10
Driller:	Atlas Geo Sampling	Field Oversite:	Diprima
DTW:	9'	Final Depth:	16'

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Brown SILT, moist	50%		No soil samples collected
5	4'-7' clayey SILT; moist	70%		
	7' Grey sandy SILT grading to silty SAND 8' WET ▽			
10	10' Light Green to Reddish Brown SILT relict rock structure; moist	100%		
15		95%		
	Boring Terminated @ 16' BLS			
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35				
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Soil Boring Log

Boring ID: FMW-14

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: South of dry cleaner
Driller: Atlas Geo Sampling
DTW: 9' Final Depth: 16'

Elevation:
Date started: 5/27/10
Date Completed: 5/27/10
Field Oversite: Diprima

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Brown SILT; micaceous	70%		No soil samples collected
5	5' Grey SAND; very coarse to fine, poorly sorted, micaceous, becoming silty with depth (6' WET) angluar sand - residual not deposited	75%		
▽				
10		0%		
15		100%		
	15' Yellowish-Brown SILT; moist			
	Boring Terminated @ 16' BLS			
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35				
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Soil Boring Log

Boring ID: FMW-15

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: South of dry cleaner
Driller: Atlas Geo Sampling
DTW: 5' Final Depth: 16'

Elevation:
Date started: 6/15/10
Date Completed: 6/15/10
Field Oversite: V Owens/L LeMay

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Grey silty CLAY, moist	70%		No soil samples collected
	WT~5' ▽			
5	Grey SAND, wet slight silt	70%		
10	Hard dry clayey SILT, striations (Saprolite)	100%		
15	Same	100%		
	Boring Terminated @ 16' BLS			
20				
25				
30				
35				
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Soil Boring Log

Boring ID: FMW-16

Project: Fashion Care
Project No: 8096
Location: South of dry cleaner
Driller: Atlas Geo Sampling
DTW: 6' Final Depth: 16'

Elevation:
Date started: 6/15/10
Date Completed: 6/15/10
Field Oversite: V Owens/L LeMay

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown micacous SILT	80%		No soil samples collected
5	WT~6' ▽	100%		
10	Wet grey silty coarse SAND, angular	80%		
15	Orange yellow silty CLAY, dry w/striations	100%		
20	Boring Terminated @ 16' BLS			
25				
30				
35				
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Soil Boring Log

Boring ID: SB-28

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	5/8/09
Location:	Immediately east of dry cleaner	Date Completed:	5/8/09
Driller:	Atlas Geo Sampling	Field Oversite:	Greg Muse
DTW:	10' Final Depth: 12'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Asphalt 3"			
	Reddish Brown silty CLAY, moist at 2' and below	70%	0'-2'	
5		75%	4'-6'	
	Reddish Brown clayey sandy SILT, moist		8'-10'	
10	▽ WT~10 Greenish Brown clayey SILT,moist,wet @ 10'	100%		
	Boring Terminated @ 12' BLS			
15				
20				
25				
30				
35				
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Soil Boring Log

Boring ID: SB-29

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	5/8/09
Location:	Immediately east of dry cleaner	Date Completed:	5/8/09
Driller:	Atlas Geo Sampling	Field Oversite:	Greg Muse
DTW:	9.5' Final Depth: 12'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Concrete 4"			
	Clay Fill		0'-2'	
	Reddish Brown silty CLAY, moist	65%		
5			4'-6'	
		90%		
	Reddish Brown clayey sandy SILT, moist		7.5'-9.5'	
10	▽WT~9.5'	100%		
	Boring Terminated @ 12' BLS			
15				
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25				
30				
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WINTER ENVIRONMENTAL

Soil Boring Log

Boring ID: SB-30

Project: Fashion Care
Project No: 8096
Location: Immediately east of dry cleaner
Driller: Atlas Geo Sampling
DTW: 10.5' Final Depth: 12'

Elevation:
Date started: 5/8/09
Date Completed: 5/8/09
Field Oversite: Greg Muse

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Concrete 4"			
	Clay fill some gravel	70%	0'-2'	
5	Reddish Brown silty CLAY, moist,wet	100%	4.5'-6.5'	
	Greenish Brown clayey SILT,moist,wet 10.5'	75%	8.5-10.5'	
10	▽WT~10.5			
	Boring Terminated @ 12' BLS			
15				
20				
25				
30				
35				
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Soil Boring Log

Boring ID: SB-31

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	5/8/09
Location:	Immediately east of dry cleaner	Date Completed:	5/8/09
Driller:	Atlas Geo Sampling	Field Oversite:	Greg Muse
DTW:	9.5' Final Depth: 12'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Concrete 4"			
	Clay Fill		0'-2'	
	Reddish Brown silty CLAY, moist	65%		
5			4'-6'	
		90%		
	Reddish Brown clayey sandy SILT, moist		7.5'-9.5'	
10	▽WT~9.5'	100%		
	Boring Terminated @ 12' BLS			
15				
20				
25				
30				
35				
40				

Soil Boring Log

Boring ID: SB-32

WINTER ENVIRONMENTAL

Project: Fashion Care
Project No: 8096
Location: Immediately east of dry cleaner
Driller: Atlas Geo Sampling
DTW: 8' Final Depth: 12'

Elevation:
Date started: 5/8/09
Date Completed: 5/8/09
Field Oversite: Greg Muse

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Concrete			
	Reddish Brown silty Clay, moist	70%	0'-2'	
5		100%	3.5'-5.5'	
	▽WT~8 Reddish Brown clayey sandy Silt, moist to wet	95%	6'-8'	
10				
	Boring Terminated @ 25' BLS			
15				
20				
25				
30				
35				
40				

Soil Boring Log

Boring ID: SB-33

Project: Fashion Care
Project No: 8096
Location: Immediately east of dry cleaner
Driller: Atlas Geo Sampling
DTW: 9' Final Depth: 12'

Elevation:
Date started: 5/8/09
Date Completed: 5/8/09
Field Oversite: Greg Muse

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Concrete			
	Reddish Brown silty CLAY, moist	90%	0'-2'	
5		70%	4'-6'	
	Yellow Brown clayey,sandy SILT moist to wet ▽ WT~9	95%	7'-9'	
10	Boring Terminated @ 25' BLS			
15				
20				
25				
30				
35				
40				

Soil Boring Log

Boring ID: SB-34

Project: Fashion Care
Project No: 8096
Location: Immediately east of dry cleaner
Driller: Atlas Geo Sampling
DTW: 7' Final Depth: 8'

Elevation:
Date started: 5/18/09
Date Completed: 5/18/09
Field Oversite: Greg Muse

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown silty CLAY, moist	70%	0'-2'	
			2.5'-4.5'	
5		80%		
	▽ WT~7 Tan sandy silty CLAY		5'-7'	
	Boring Terminated @ 8' BLS			
10				
15				
20				
25				
30				
35				
40				

Soil Boring Log

Boring ID: SB-35

Project: Fashion Care
Project No: 8096
Location: Immediately east of dry cleaner
Driller: Atlas Geo Sampling
DTW: 7' Final Depth: 8'

Elevation:
Date started: 5/18/09
Date Completed: 5/18/09
Field Oversite: Greg Muse

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	4" Clay Fill			
	Reddish Brown silty CLAY	70%	0'-2'	
		70%	2.5'-4.5'	
5		70%		
	▽ WT~7		5'-7'	
	Tan to Reddish Brown sandy silty CLAY, moist	70%		
	Boring Terminated @ 8' BLS			
10				
15				
20				
25				
30				
35				
40				

Soil Boring Log

Boring ID: SB-36

WINTER ENVIRONMENTAL

Project:	Fashion Care	Elevation:	
Project No:	8096	Date started:	5/18/09
Location:	Immediately east of dry cleaner	Date Completed:	5/18/09
Driller:	Atlas Geo Sampling	Field Oversite:	Greg Muse
DTW:	7' Final Depth: 8'		

Depth (feet bgs)	Soil Classification	% Recovery	Sample No.	Remarks
0	Reddish Brown silty CLAY,micacous w/ some sandy quartz bands	70%	0'-2'	
		80%		
5	Tan to Reddish Brown sandy silty CLAY, moist		3'-5'	
		70%	6'-8'	
	Boring Terminated @ 8' BLS			
10				
15				
20				
25				
30				
35				
40				

MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1300	1400
Date	9/3/08	9/3/08

Well ID	FMW-1
Project No.	08096
Geol./Eng.	**Joe King/L. Diprima**
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

15 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

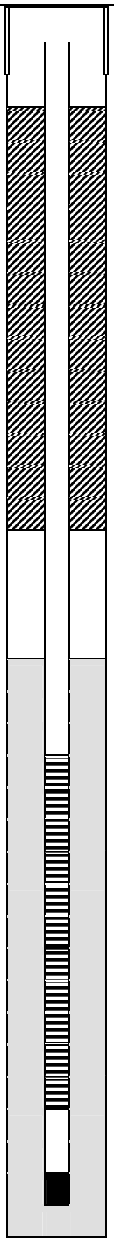
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:
0 **ft. bgs**

Depth to top of grout seal:
.5 **ft. bgs**

Depth to top of seal:
2 **ft. bgs**

Depth to top of sandpack:
13 **ft. bgs**

Depth to top of screen:
15 **ft. bgs**

Depth to bottom of screen:
24.5 **ft. bgs**

Depth to bottom of well plug/point:
25 **ft. bgs**

Depth to bottom of borehole:
25 **ft. bgs**

MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1110	1200
Date	9/3/08	9/3/08

Well ID	FMW-2
Project No.	08096
Geol./Eng.	**Joe King/L. Diprima**
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

15 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

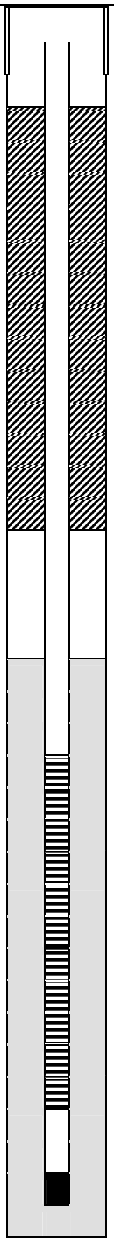
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:
0 **ft. bgs**

Depth to top of grout seal:
.5 **ft. bgs**

Depth to top of seal:
2 **ft. bgs**

Depth to top of sandpack:
11 **ft. bgs**

Depth to top of screen:
13 **ft. bgs**

Depth to bottom of screen:
23 **ft. bgs**

Depth to bottom of well plug/point:
23.5 **ft. bgs**

Depth to bottom of borehole:
24 **ft. bgs**

MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	0950	1035
Date	9/3/08	9/3/08

Well ID	FMW-3
Project No.	08096
Geol./Eng.	Joe King/L. Diprima
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

15 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

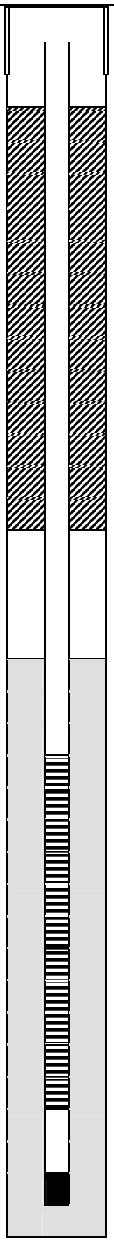
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:
0 **ft. bgs**

Depth to top of grout seal:
.5 **ft. bgs**

Depth to top of seal:
2 **ft. bgs**

Depth to top of sandpack:
8 **ft. bgs**

Depth to top of screen:
10 **ft. bgs**

Depth to bottom of screen:
20 **ft. bgs**

Depth to bottom of well plug/point:
20.5 **ft. bgs**

Depth to bottom of borehole:
20.5 **ft. bgs**

MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1000	1150
Date	9/4/08	9/4/08

Well ID	FMW-4
Project No.	08096
Geol./Eng.	Joe King/L. Diprima
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

15 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

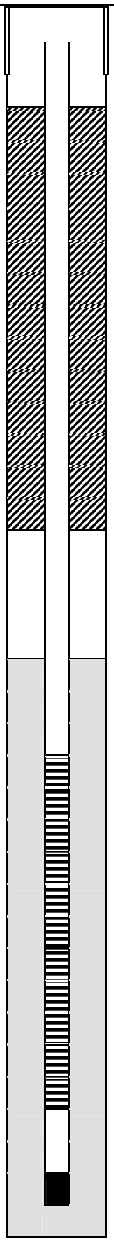
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:
0 **ft. bgs**

Depth to top of grout seal:
.5 **ft. bgs**

Depth to top of seal:
2 **ft. bgs**

Depth to top of sandpack:
8 **ft. bgs**

Depth to top of screen:
10 **ft. bgs**

Depth to bottom of screen:
20 **ft. bgs**

Depth to bottom of well plug/point:
20.5 **ft. bgs**

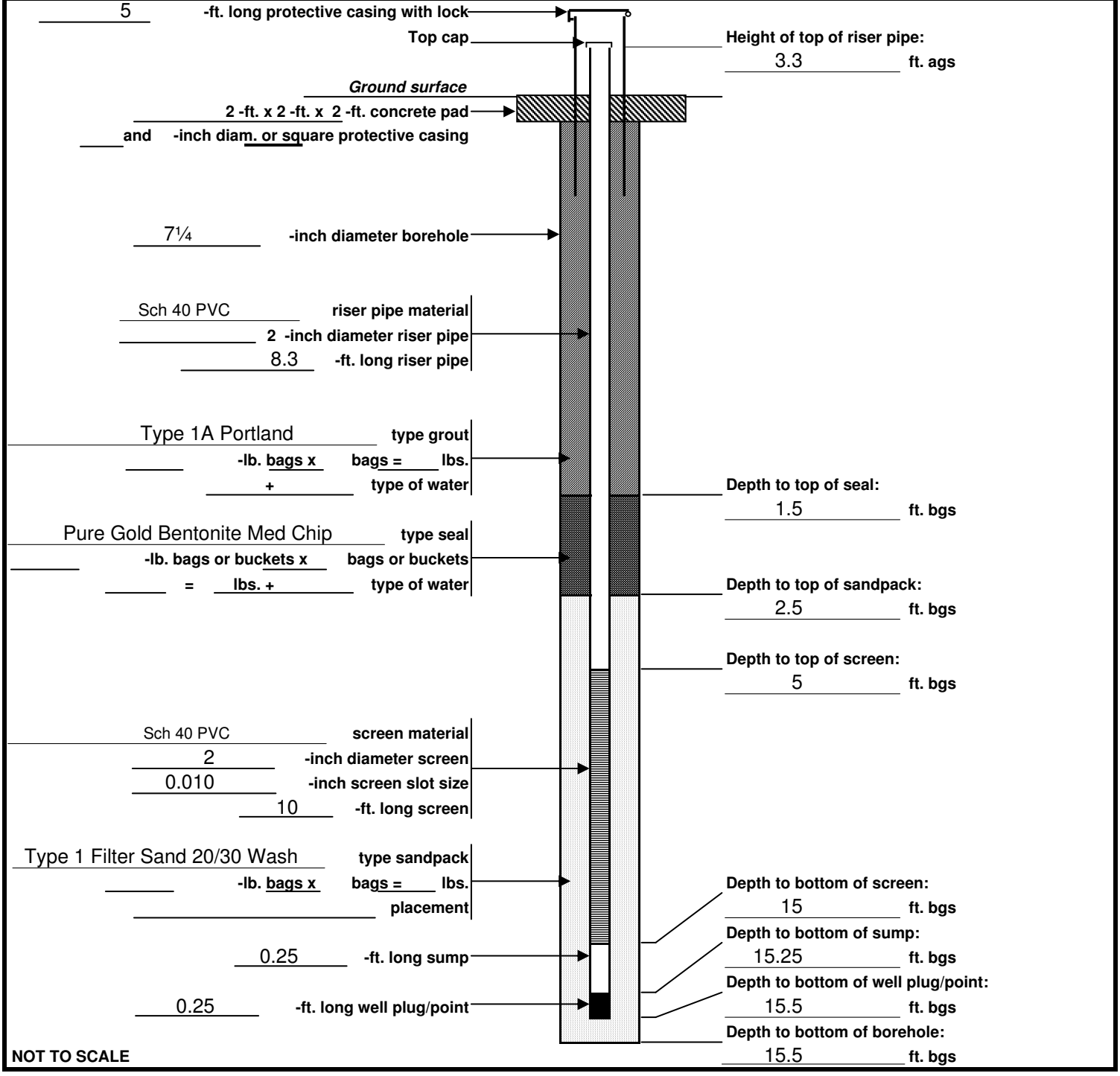
Depth to bottom of borehole:
20.5 **ft. bgs**

MONITOR WELL LOG - STICKUP

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time		
Date	9/4/08	9/4/08

Well ID	FMW-5
Project No.	8096
Oversight:	Joe King/L. Diprima
Driller:	Atlas GEO Sampling

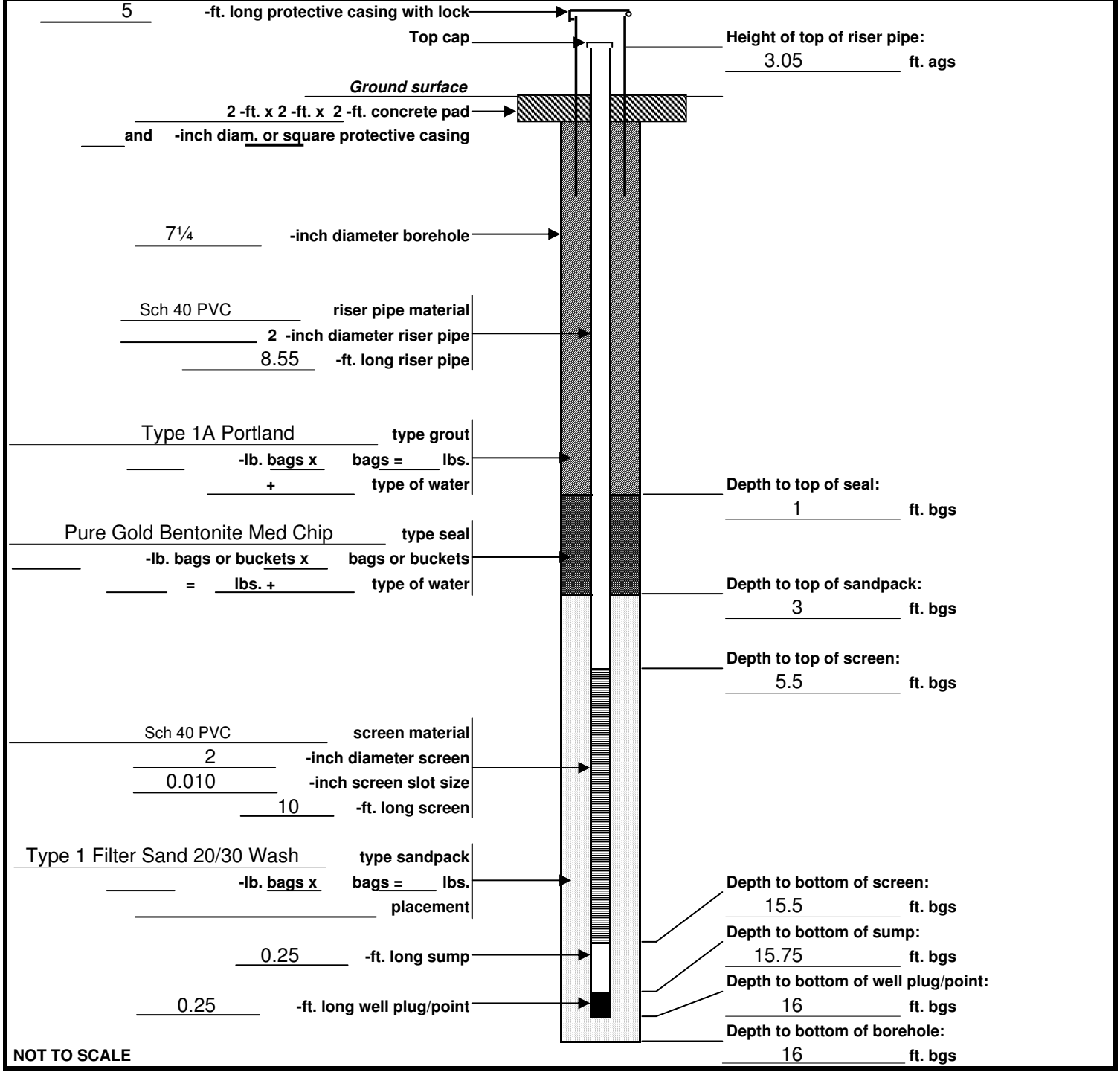


MONITOR WELL LOG - STICKUP

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1545	1710
Date	9/4/08	9/4/08

Well ID	FMW-6
Project No.	8096
Oversight:	Joe King/L. Diprima
Driller:	Atlas GEO Sampling



MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	0845	0940
Date	11/25/08	11/25/08

Well ID	FMW-7
Project No.	08096
Geol./Eng.	Joe King/L. Diprima
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

10 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

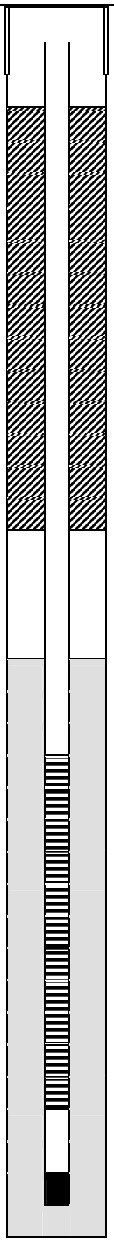
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:

0 **ft. bgs**

Depth to top of grout seal:

.5 **ft. bgs**

Depth to top of seal:

1,5 **ft. bgs**

Depth to top of sandpack:

6 **ft. bgs**

Depth to top of screen:

8 **ft. bgs**

Depth to bottom of screen:

17.5 **ft. bgs**

Depth to bottom of well plug/point:

18 **ft. bgs**

Depth to bottom of borehole:

18 **ft. bgs**

MONITOR WELL LOG - FLUSH MOUNT

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1020	1120
Date	11/25/08	11/25/08

Well ID	FMW-8
Project No.	08096
Geol./Eng.	Joe King/L. Dprima
Driller	Atlas Geo Sampling

Top cap and lock

Ground surface

Concrete pad and 8 **-inch diameter, flush-mounted manhole**

Drainage gravel

71/4 -inch diameter borehole

Sch 40 PVC **riser pipe material**

2 **-inch diameter riser pipe**

10 **-ft. long riser pipe**

Type Grout

Type 1 A Portland

Type Seal

Pure Gold Bentonite Med Chip

Sch 40 PVC Screen Material

2 **-inch diameter screen**

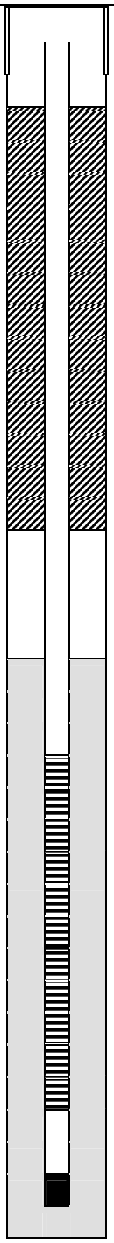
0.010 **-inch screen slot size**

10 **-ft. long screen**

Type Sandpack

Type 1 Filter Sand 20/30 Wash

.5 **-ft. long well plug/point**



Depth to top of riser pipe:
0 **ft. bgs**

Depth to top of grout seal:
1 **ft. bgs**

Depth to top of seal:
2 **ft. bgs**

Depth to top of sandpack:
8 **ft. bgs**

Depth to top of screen:
10 **ft. bgs**

Depth to bottom of screen:
19.5 **ft. bgs**

Depth to bottom of well plug/point:
20 **ft. bgs**

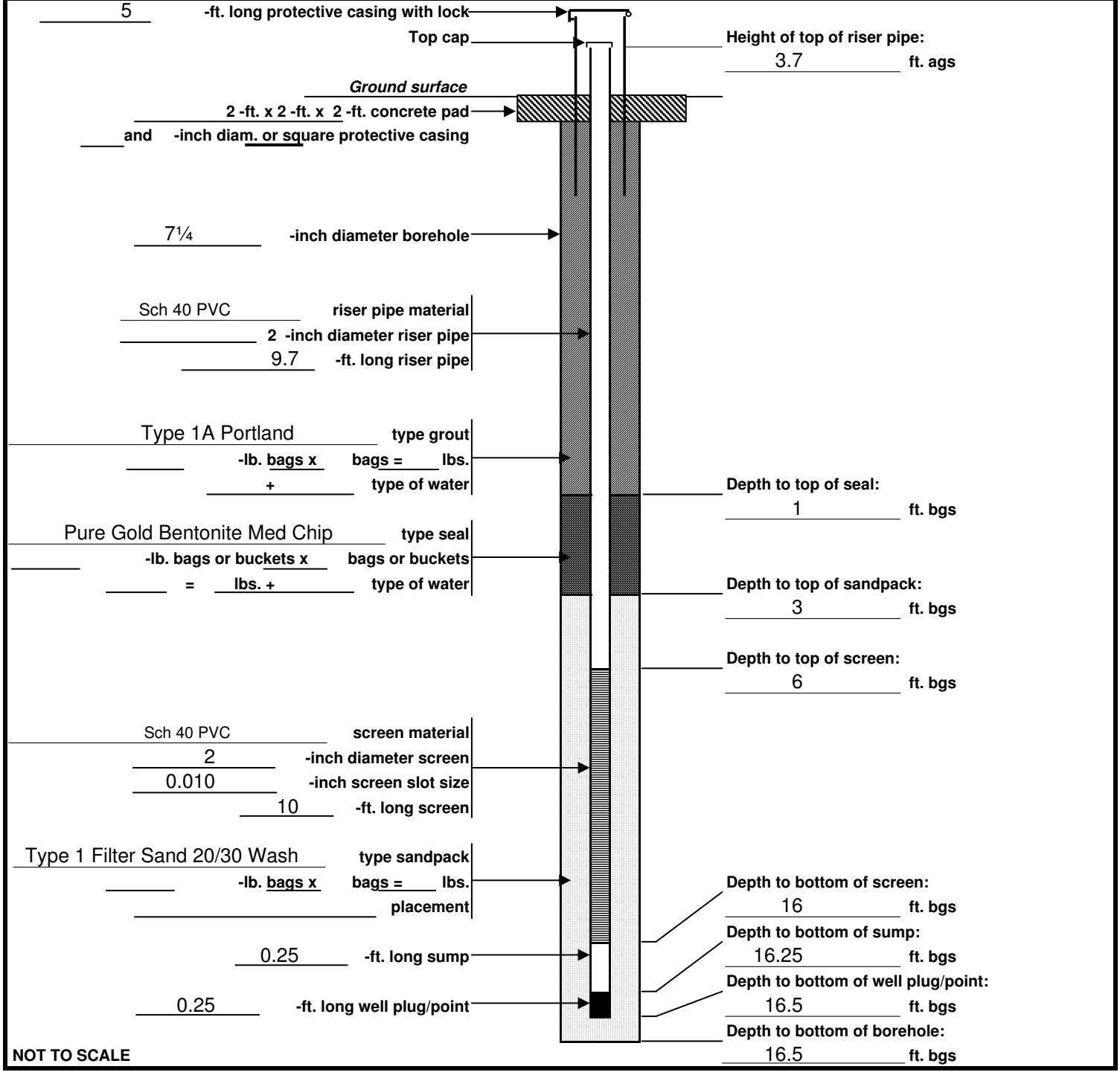
Depth to bottom of borehole:
20 **ft. bgs**

MONITOR WELL LOG - STICKUP

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1400	1445
Date	11/25/08	11/25/08

Well ID	FMW-9
Project No.	8096
Oversight:	Joe King/L. Diprima
Driller:	Atlas GEO Sampling



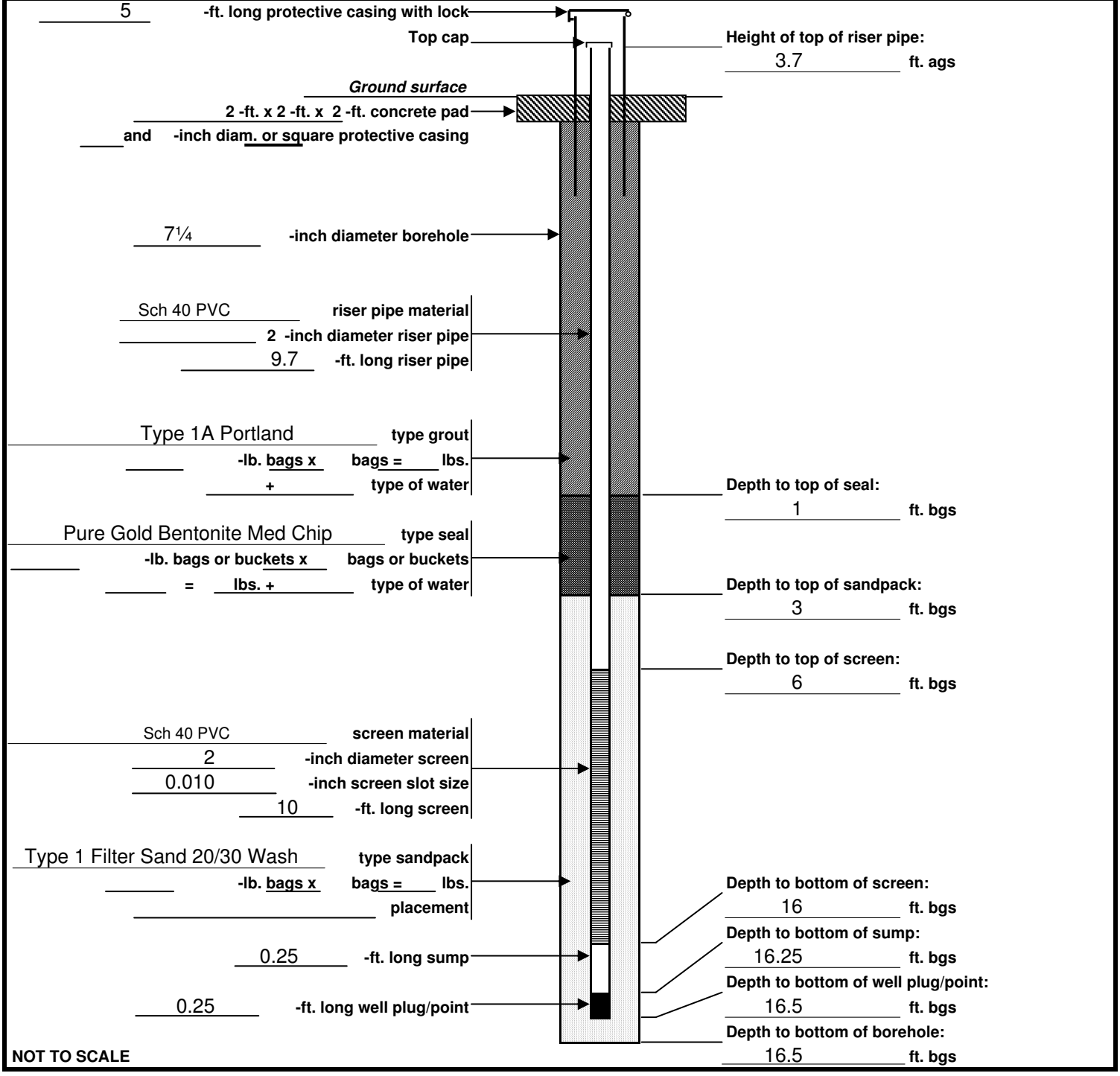
NOT TO SCALE

MONITOR WELL LOG - STICKUP

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1400	1445
Date	11/25/08	11/25/08

Well ID	FMW-10
Project No.	8096
Oversight:	Joe King/L. Diprima
Driller:	Atlas GEO Sampling

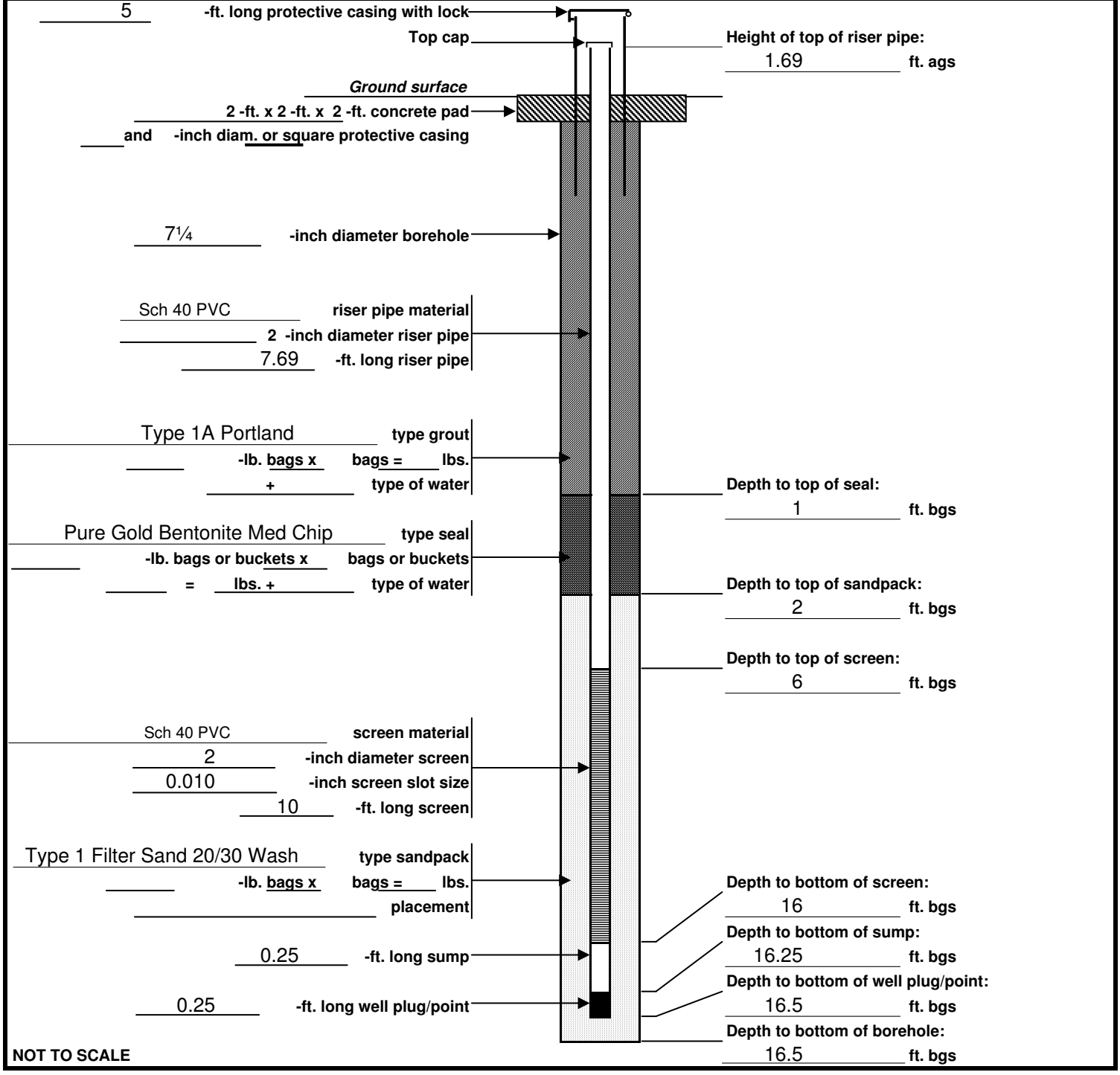


MONITOR WELL LOG - STICKUP

WINTER ENVIRONMENTAL

	Constr. Start	Constr. Finish
Time	1500	1600
Date	11/25/08	11/25/08

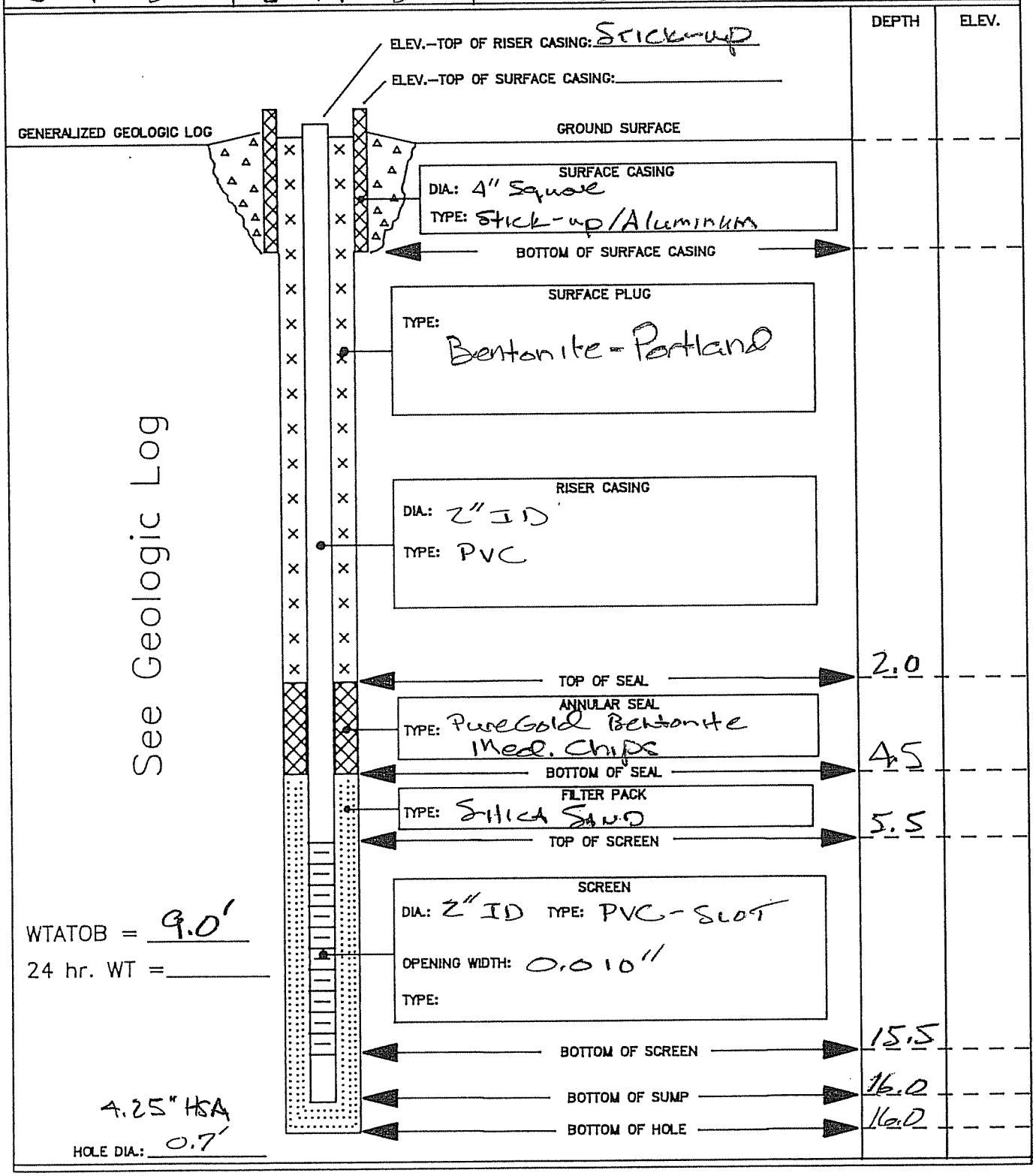
Well ID	FMW-11
Project No.	8096
Oversight:	Joe King/L. Diprima
Driller:	Atlas GEO Sampling



NOT TO SCALE

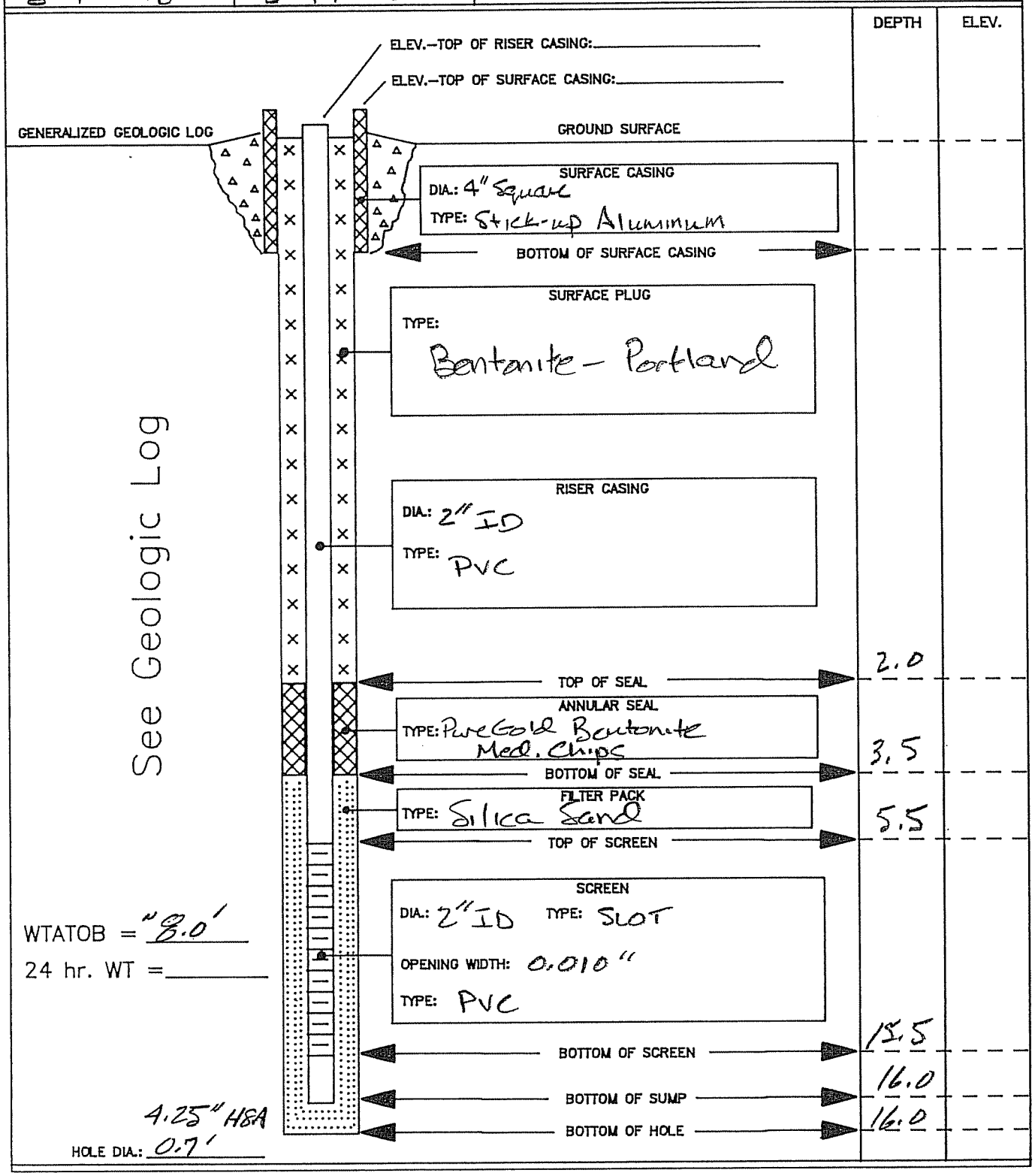
MONITORING WELL

PROJECT: Fashion Cove		WELL NO.: FMW-12
SITE: 08096	LOCATION: 2211 Savoy Dr. Chamblee, GA	
BEGUN: 3-17-10	COMPLETED: 3-17-10	CONSTRUCTED BY: Atlas



MONITORING WELL

PROJECT: Fashion Calc		WELL NO.: FMW-13
SITE: 08096	LOCATION: 2211 Savoy Dr, Chamblee, GA	
BEGUN: 3-17-10	COMPLETED: 3-17-10	CONSTRUCTED BY: Atlas



MONITORING WELL

PROJECT: Fashion Cable

WELL NO.: FMW-14

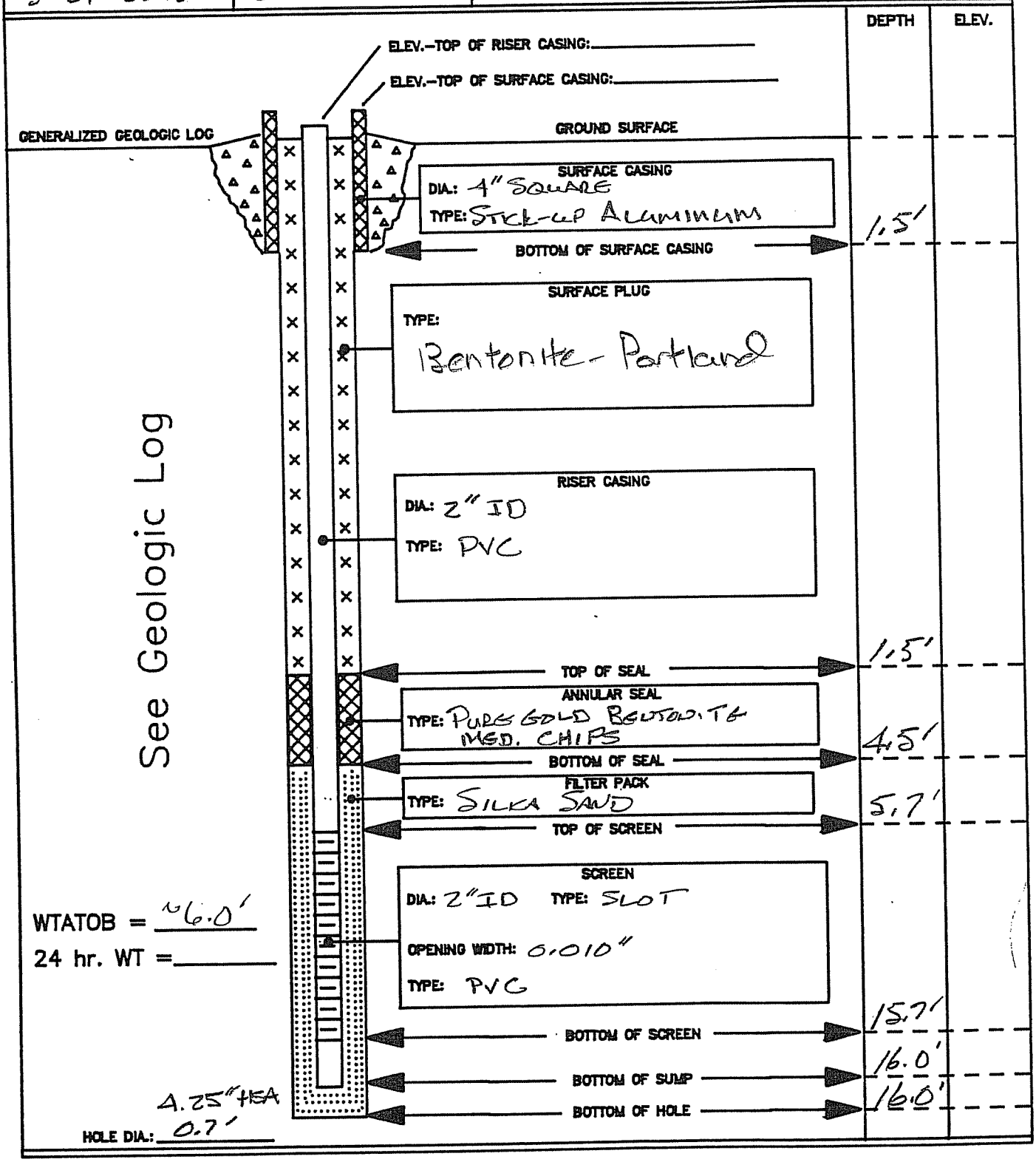
SITE: 08096

LOCATION: 2211 Savoy Dr., Chamblee, GA

BEGUN: 5-27-2010

COMPLETED: 5-27-2010

CONSTRUCTED BY: ATLAS



MONITORING WELL

PROJECT: Fashion Care

WELL NO.: FMW-15

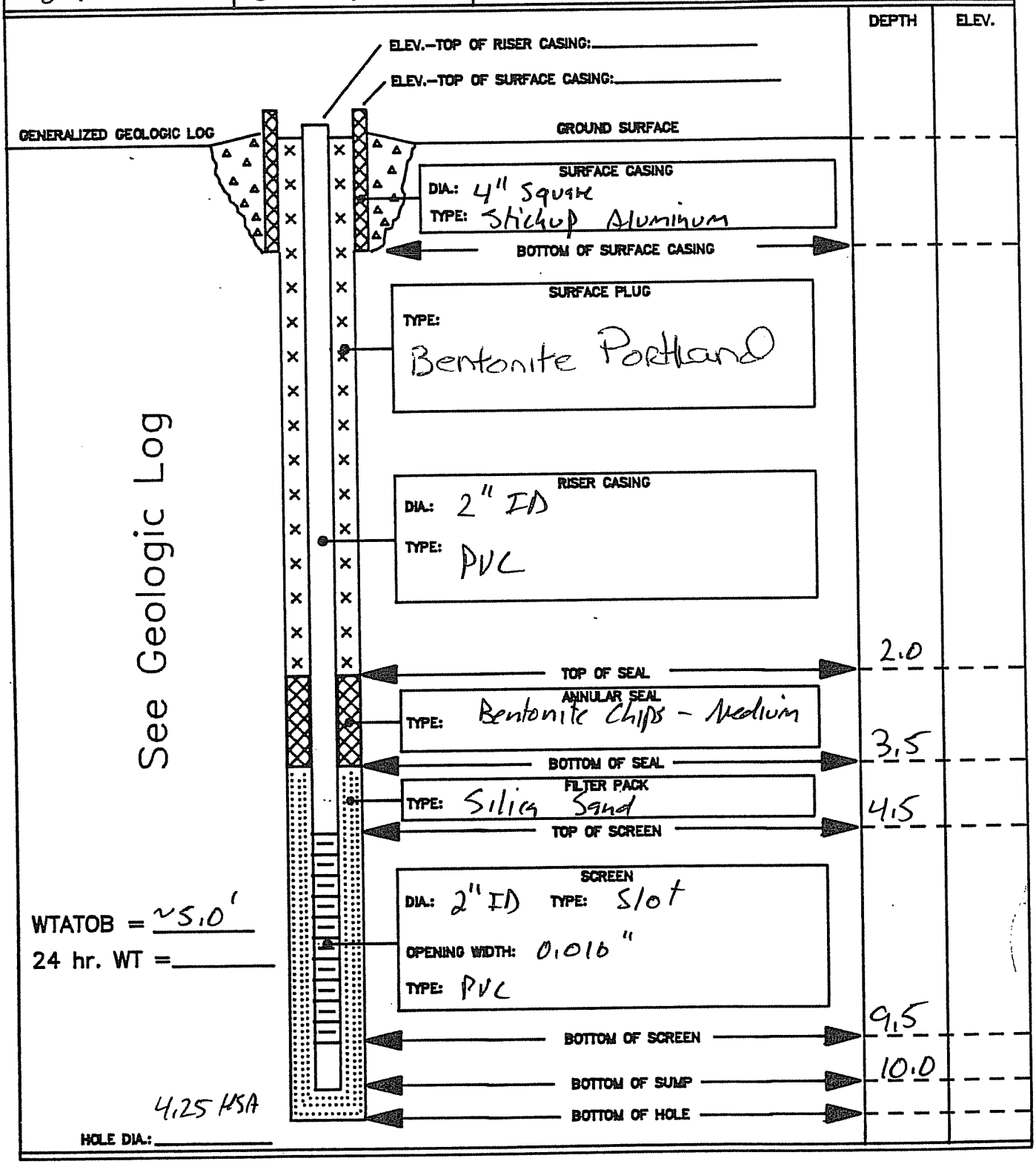
SITE: 08096

LOCATION: 2211 Savoy Dr, Chamblee, GA

BEGUN: 6-15-10

COMPLETED: 6-15-10

CONSTRUCTED BY: Atlas



MONITORING WELL

PROJECT: Fashion Care

WELL NO.: FMW-1C

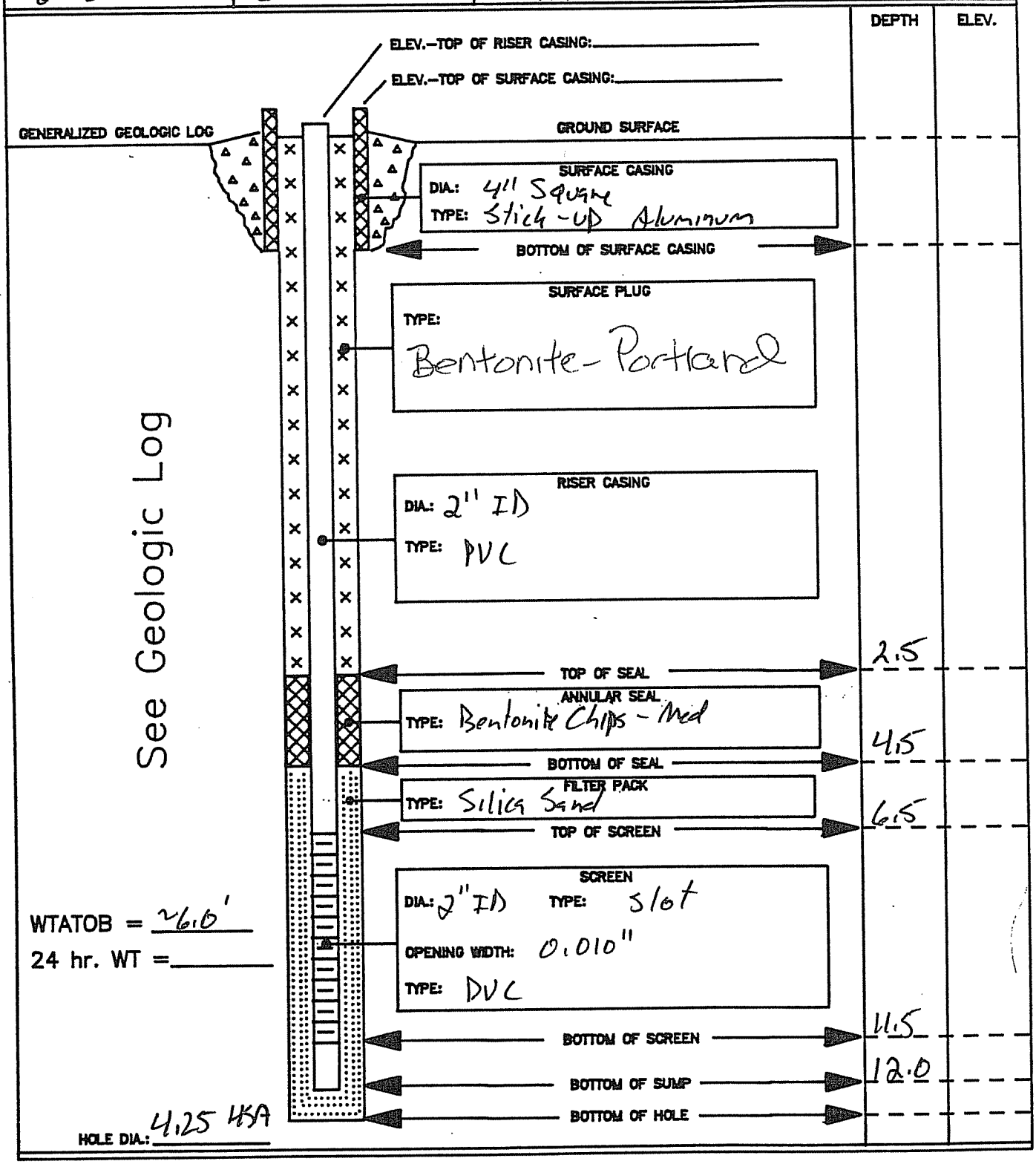
SITE: 08096

LOCATION: 2211 Savoy Dr, Chamblee, GA

BEGUN: 6-15-10

COMPLETED: 6-15-10

CONSTRUCTED BY: Atlas



CORRECTIVE ACTION PLAN – PART B

For:
Shell Food Mart (Former E-Z Serve #8102)
4308 North Peachtree Road
Chamblee, Dekalb County, Georgia 30341-1210
Facility ID: 9000341*1

SECOR International Incorporated
20 Mansell Court East, Suite 275
Roswell, Georgia 30076

December 5, 2007

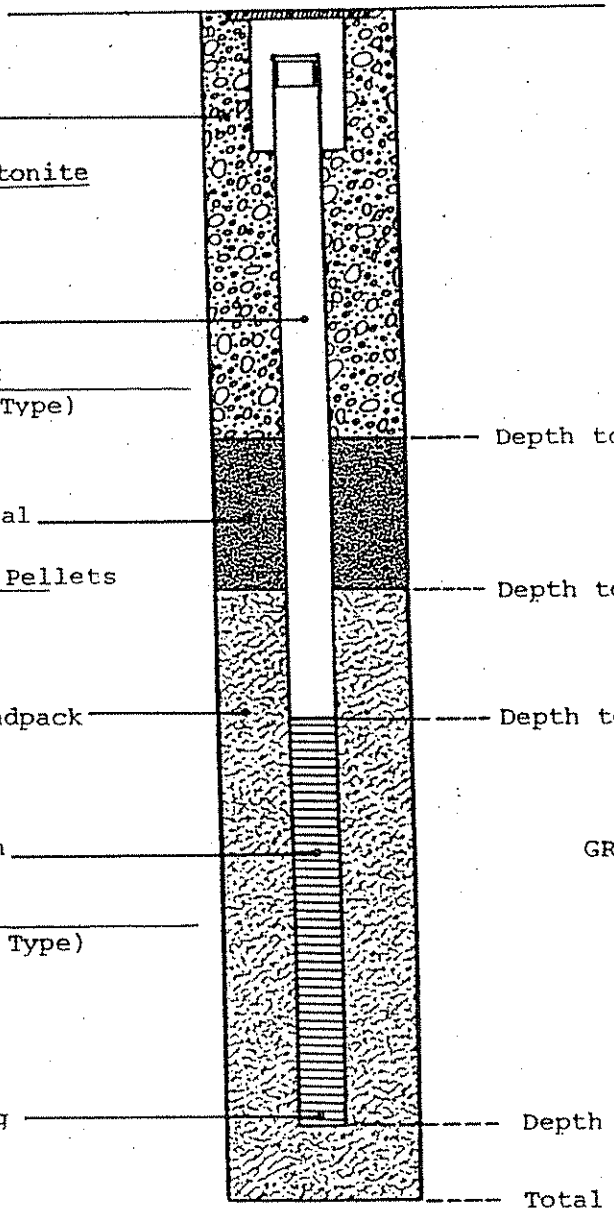
APPENDIX IV
SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION DIAGRAMS

Shell Food Mart (Former E-Z Serve #8102)
4308 North Peachtree Road
Chamblee, Dekalb, County
Facility ID: 9000341*1

MONITORING WELL CONSTRUCTION

WELL NO. MW-1
DATE COMPLETED 2-6-89
PROJECT NO. 32-97015
STORE NO. #10209

BORING DIAMETER 8" Ø
I.D. CASING 2" Ø
LENGTH OF SCREEN 15 feet
SCREEN OPENING SIZE 0.010 inch



Grout

Cement-Bentonite
(Type)

Casing

2" Ø PVC
(Size & Type)

Bentonite Seal

1/2" Bentonite Pellets
(Type)

Sandpack

Screen

2" Ø PVC
(Size & Type)

Threaded Plug

Depth to Top of Bentonite Seal 6.5 feet

Depth to Top of Sand 8.5 feet

Depth to Top of Screen 10.5 feet

GROUNDWATER DEPTH 12.58

Depth to Bottom of Screen 25.5

Total Depth 26.0 feet

NOTE: All Depths Referenced From Ground Surface

LEGEND

SCALE: NOT TO SCALE

ATEC Associates, Inc.

PROJECT
TOC RETAIL
4308 N. PEACHTREE ROAD
CHAMBLEE, GEORGIA
ATEC PROJECT NUMBER 32-97015

Westinghouse
Environmental Services

SUBSURFACE DRILL LOG

DEPTH FEET	SOIL/MATERIAL DESCRIPTION — SURFACE ELEVATION _____	SAMPLE	SPT BLOWS	RECOV.	WATER	SCREEN	REMARKS
	Fill: Clay, tan and gray, stiff, fine sandy, slightly silty, some gravel present, dry						HNU Readings
		1	6-18 -20	60%			40ppm
5	Residuum: Silt, light brown, slightly clayey, micaceous, moist						
		2	6-9 -8	70%			40ppm
10							
		3	8-6 -8	60%			10ppm
15							
	Boring complete at 18.6 Feet						
20							

DRILLING & SAMPLING MEETS ASTM D-1586 & ASTM D-1587

PAGE 1 OF 1

SUPERVISOR N Jarrin

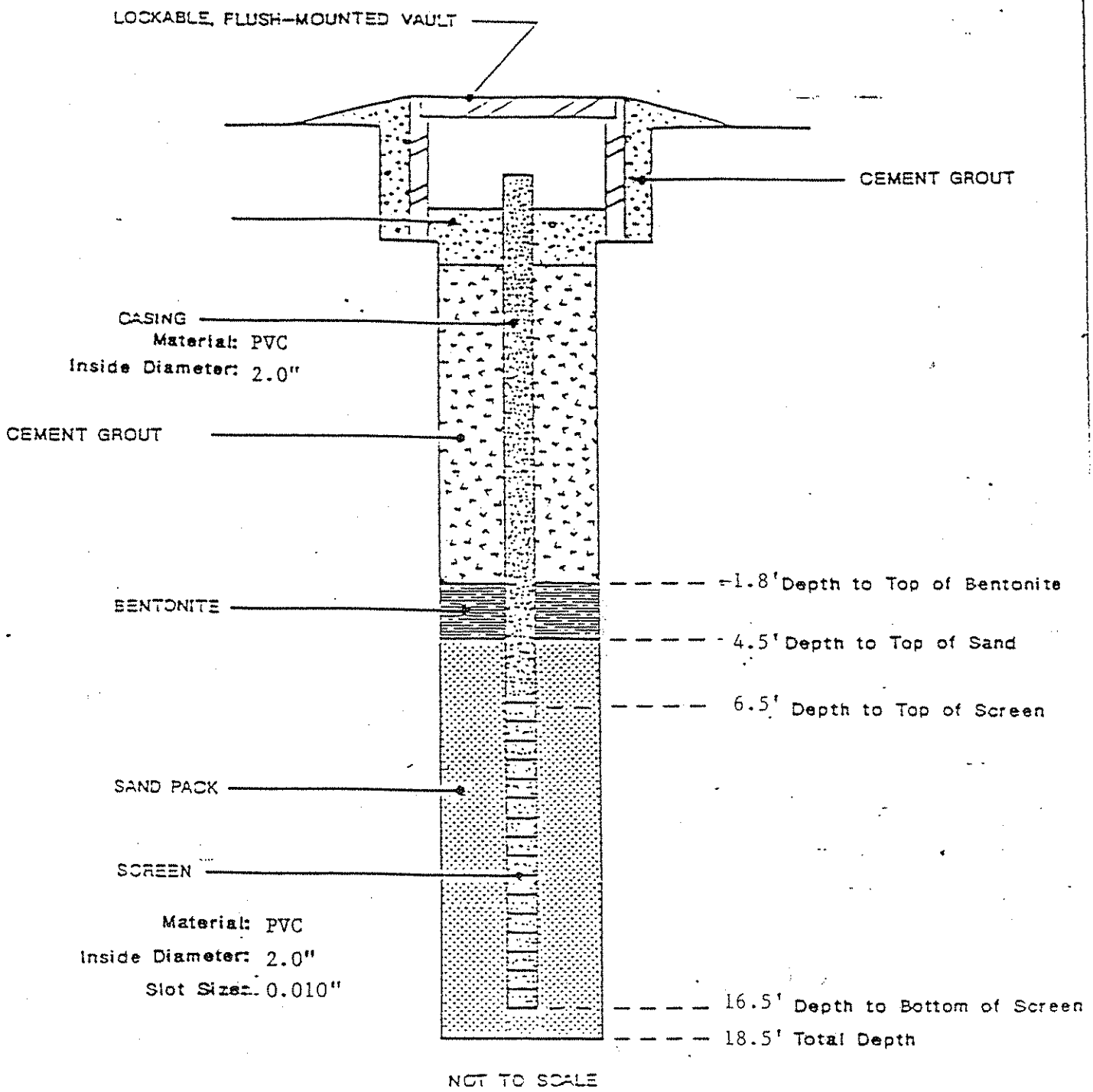
RIG TYPE B-57

WEATHER windy, cool, 60°

LOCATION NO. MW-2 (102-09)

DATE DRILLED 3-13-89

JOB NO. 0000-89-097



All Depths Referenced From Ground Surface

Westinghouse
Environmental Services

Well Schematic
Monitor Well MW-2
Tenneco Facility No. 102-09
Chamblee, Georgia
WGR Job. No. 0000-89-097

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-2R** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/14/06** COMPLETED: **12/14/06**
INSTALLATION: STARTED **12/14/06** COMPLETED: **12/14/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **26.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT** ; ML; 5YR 5/8 yellowish red; non plastic; soft; dry; no odor		MW-2R@ 2-3'	5		1.3		2 inch diameter PVC blank casing
5		SW-SM	**SAND WITH SILT AND GRAVEL** ; SW-SM; 5YR 5/8 yellowish red; loose; dry; no odor; well graded; trace mica chips		1030 MW-2R	2	4 4 4 5	2.3	5	Bentonite chips seal
10		ML	**SILT** ; ML; 10R 4/6 red; non plastic; soft; moist; no odor		MW-2R@ 10-11'	2	2 3 4 4	1.1	10	10/30 silica sand pack
15		ML	**SILT** ; ML; 5YR 2.5/1 black; non plastic; soft; moist; no odor; laminated; vertical micro fractures and mica chips		MW-2R@ 15-16'	2	2 3 4 5	1.1	15	2 inch diameter PVC 0.010 inch slotted screen
		ML	**SILT** ; ML; 7.5YR 6/8 AND 7.5YR 2.5/1 reddish yellow with black; non plastic; dry; no odor; trace mica chips				11 28			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-2R** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/14/06** COMPLETED: **12/14/06**
INSTALLATION: STARTED **12/14/06** COMPLETED: **12/14/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **26.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML			- MW-2R@ 20-21'	2	15 12	1.1		2 inch diameter PVC pipe cap
25					- MW-2R@ 25-26'	2	6 6 9 10	1.6	25	10/30 silica sand pack
			Hole terminated at 26 feet.							
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

Westinghouse
Environmental Services

SUBSURFACE DRILL LOG

DEPTH FEET	SOIL/MATERIAL DESCRIPTION — SURFACE ELEVATION _____	SAMPLE	SPT BLOWS	RECOV.	WATER	SCREEN	REMARKS
	Fill: Clay, red-brown, stiff, very silty, micaceous, moist						HNU Reading
5		1	9-7 -8	100%			6 ppm
	Clay, tan and gray, stiff, fine sandy, slightly silty, some gravel present, moist						
10		2	3-3 -3	100%			70 ppm
	Residuum: Silt, light brown, slightly clayey, micaceous, moist	3	5-10 -11	100%			45ppm
15							
	Boring complete at 18.6 feet						
20							

DRILLING & SAMPLING MEETS ASTM D-1586 & ASTM D-1587

PAGE 1 OF 1

SUPERVISOR N. Jarrio

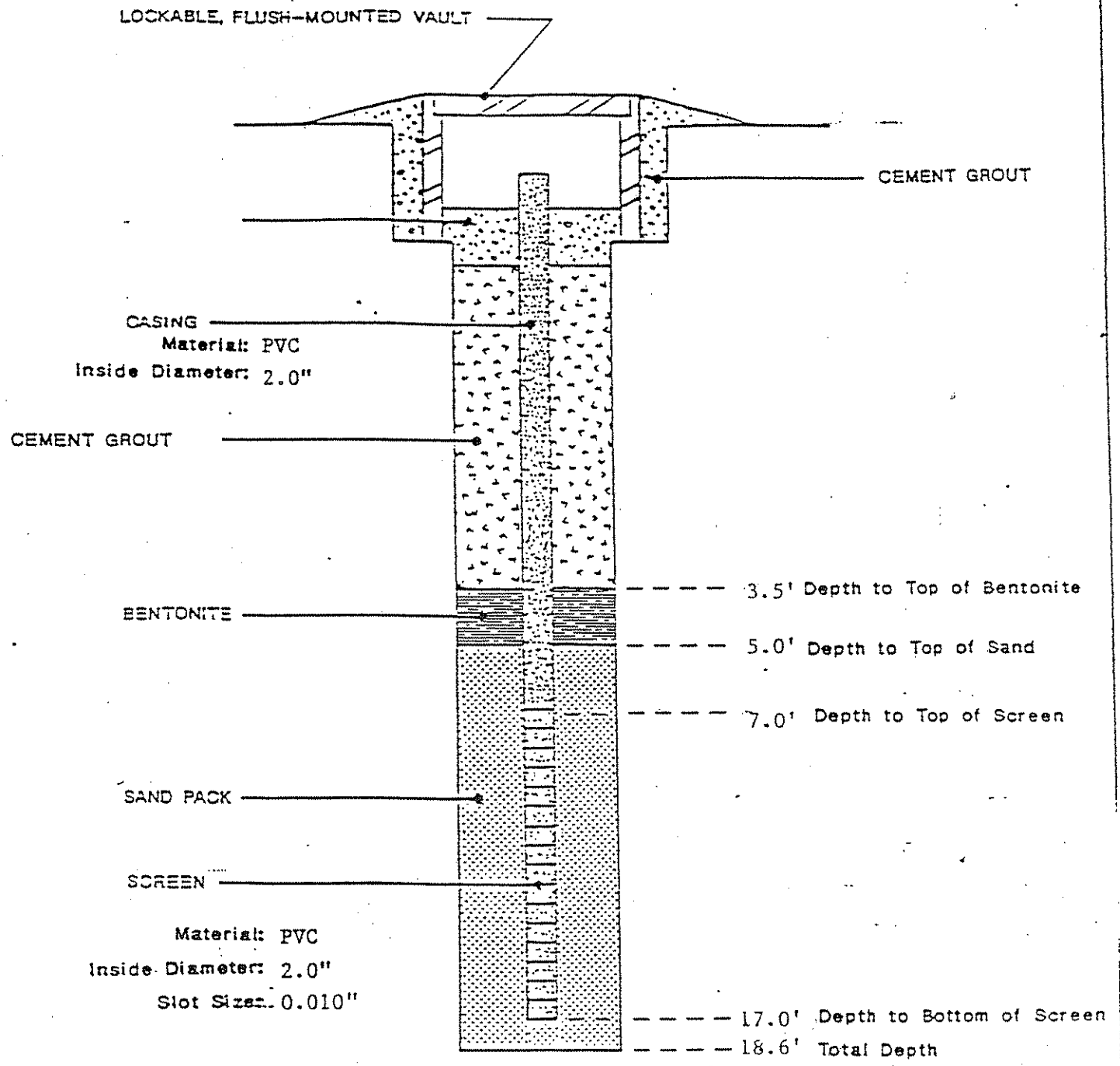
RIG TYPE B-57

WEATHER Windy, Cool, 60°

LOCATION NO. MW-3 (102-09)

DATE DRILLED 3-13-89

JOB NO. 0000-89-097



All Depths Referenced From Ground Surface

Westinghouse
Environmental Services

Well Schematic
Monitor Well MW-3
Tenneco Facility No. 102-09
Chamblee, Georgia
WGR Job No. 000-89-097

Westinghouse
Environmental Services

SUBSURFACE DRILL LOG

DEPTH FEET	SOIL/MATERIAL DESCRIPTION — SURFACE ELEVATION _____	SAMPLE	SPT BLOWS	RECOV.	WATER	SCREEN	REMARKS
	Fill: Clay, Red-Brown, very silty, micaceous, moist						HNU Readings
5	Clay, Tan and gray, stiff, fine sandy, slightly silty, some gravel present, moist	1	2-2 -3	100%			65 ppm
10		2	2-4 -5	100%			35ppm
15	Residuum: Sand; coarse, brown, slightly silty, micaceous, moist	3	3-4 -7	100 %			10 ppm
20	Boring complete at 17.6 Feet						

DRILLING & SAMPLING MEETS ASTM D-1586 & ASTM D-1587

PAGE 1 OF 1

SUPERVISOR N. JARRIO

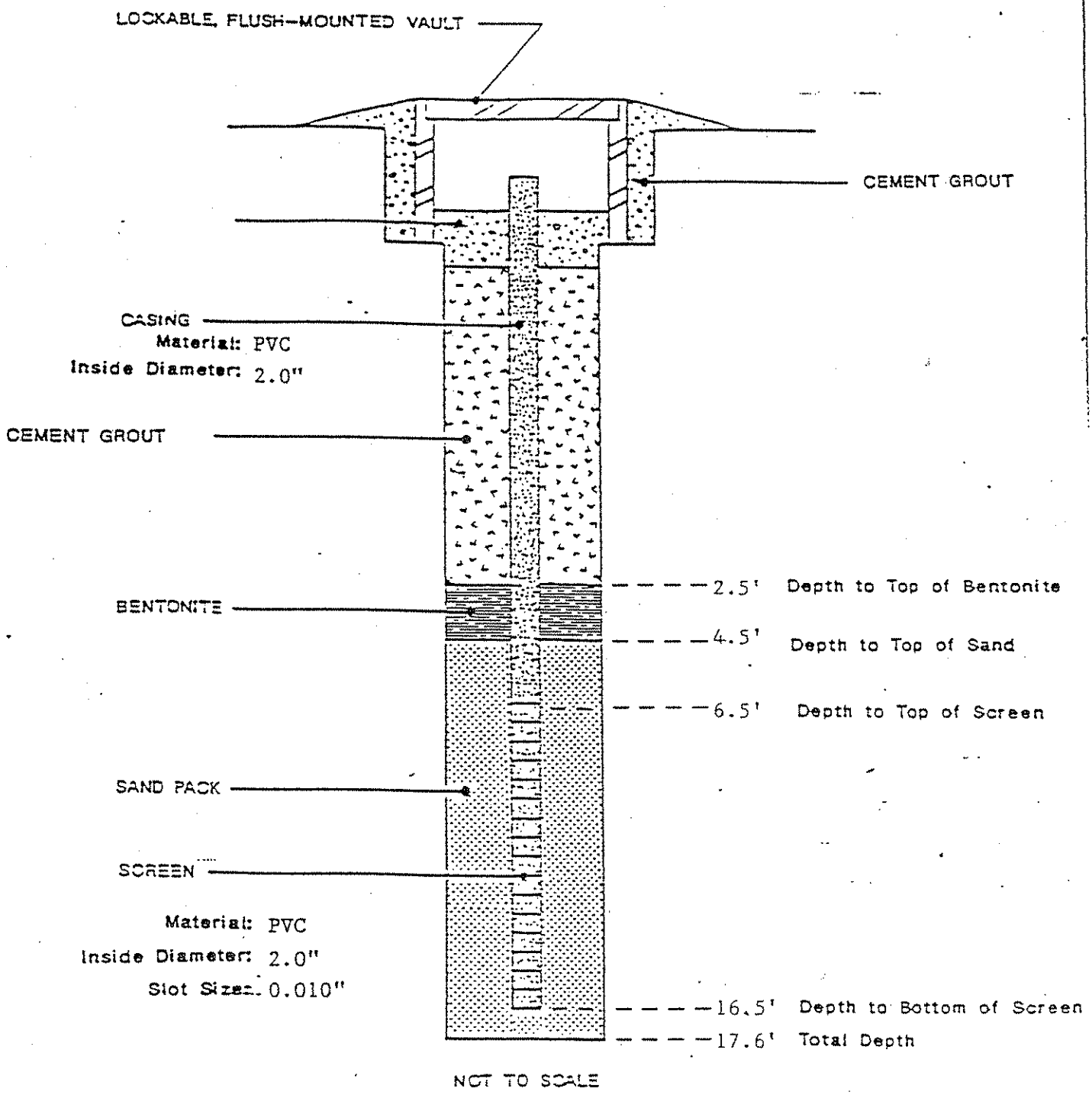
RIG TYPE B-57

WEATHER Windy, cool, 60°

LOCATION NO. MW-4 (102-09)

DATE DRILLED 3-13-89

JOB NO. 0000-89-097



All Depths Referenced From Ground Surface

Westinghouse
Environmental Services

Well Schematic
Monitor Well MW-4
Tenneco Facility No. 102-09
Chamblee, Georgia
WGR Job No. 0000-89-097

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-4R** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/14/06** COMPLETED: **12/14/06**
INSTALLATION: STARTED **12/14/06** COMPLETED: **12/14/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT WITH SAND** ; ML; 7.5YR 6/1 gray; non plastic; soft; moist; no odor; poorly graded		- MW-4R@ 2-3'	5		15.5		2 inch diameter PVC blank casing
5		ML	**SILT TRACE MICA** ; ML; 10YR 4/4 yellowish brown; low plasticity; soft; moist; slight odor		- MW-4R@ 6-7'	2	1 2 2 2	20.7	5	Bentonite chips seal
10		ML	**SILT TRACE MICA** ; ML; GLEY 10Y 5/1 gray; low plasticity; soft; moist; slight odor		1245 MW-4R	2	2 3 2 3	42.2	10	10/30 silica sand pack
15		ML	**SILT** ; ML; GLEY 1 7/N AND 10YR 5/8 light gray with yellowish brown; non plastic; soft; moist; no odor; wet at 16'-20', some coarse to medium angular gravel at 19'-20'		- MW-4R@ 15-16'	2	2 3 3 3 6 6	2.8	15	2 inch diameter PVC 0.010 inch slotted screen

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-4R** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/14/06** COMPLETED: **12/14/06**
INSTALLATION: STARTED **12/14/06** COMPLETED: **12/14/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT** ; ML; 5YR 5/8 yellowish red; non plastic; hard; dry; no odor		- MW-4R@ 20-21'	.7	9 12	3.6		
			Hole terminated at 23 feet.							2 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10R** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT TRACE FINE SAND** ; ML; 2.5YR 4/8 red; non plastic; soft; dry; slight odor		- MW-10R@ 2-3'	5				4 inch diameter PVC blank casing
5		ML	**SANDY SILT WITH MICA** ; ML; 7.5YR 5/8 brown; non plastic; stiff; dry; slight odor		- MW-10R@ 6-7'	2	1 1 1 2	76.8	5	Bentonite chips seal
		CL	**CLAY** ; CL; 7.5YR 5/1 gray; high plasticity; soft; moist; strong odor; hydrocarbon staining		0845 MW-10R	2	1 1 2 2	228	10	10/30 silica sand pack
15		ML	**SANDY SILT** ; ML; 7.5YR 5/1 gray; low plasticity; soft; moist; slight odor		- MW-10R@ 15-16'	2	2 2 3 2	86.8	15	4 inch diameter PVC 0.010 inch slotted screen
		ML	**SILT** ; ML; 7.5YR 8/3 AND 7.5YR 6/8 WITH 7.5YR 2.5/1 pink and reddish yellow; low plasticity; soft; moist; slight odor; with fractures				2 2			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10R** PAGE 2 OF 2

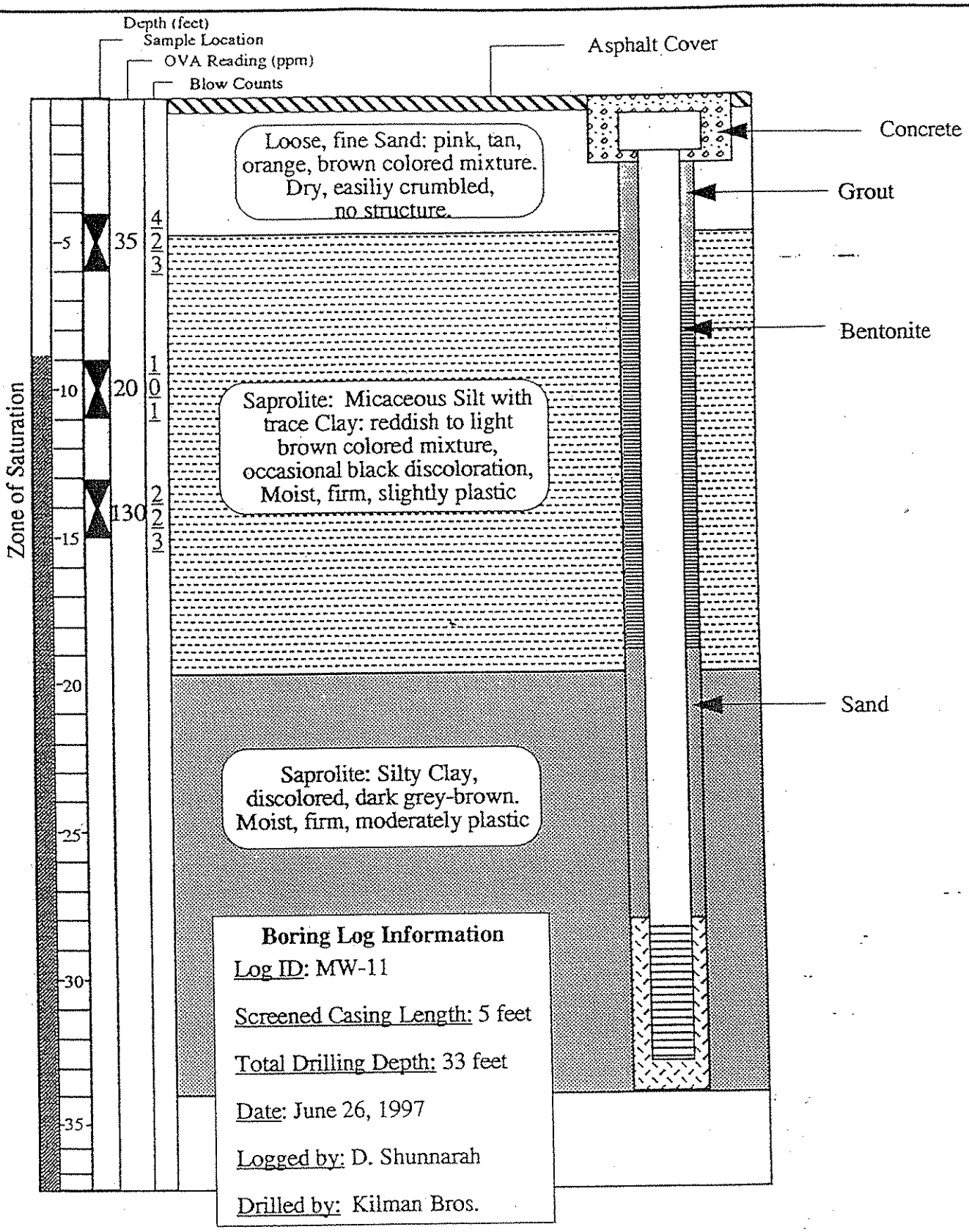
SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4** BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall** CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML			- MW-10R@ 20-21'	2	3 4	26.7		
			Hole terminated at 23 feet.							4 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07



Boring Log Information

Log ID: MW-11

Screened Casing Length: 5 feet

Total Drilling Depth: 33 feet

Date: June 26, 1997

Logged by: D. Shunnarah

Drilled by: Kilman Bros.

Note: Auger refusal at 33 feet.

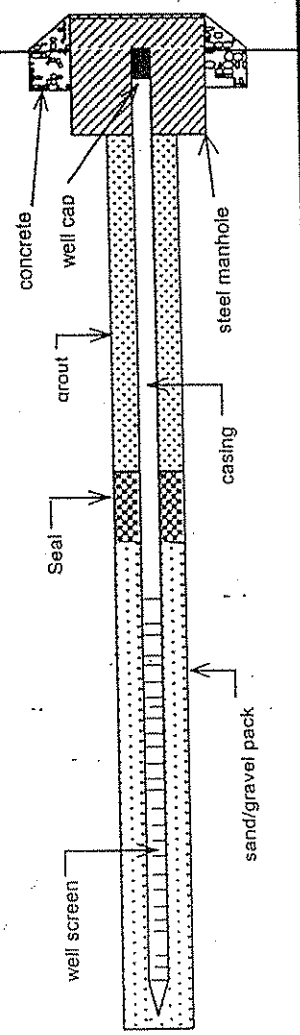
E-Z Serve Convenience Stores, Inc.	Facility #: 8102 GA EPD #: 9000341	**Monitor Well Installation**
)8 North Peachtree Road, Chamblee, Georgia	Drafted by: D. Shunnarah	**Date:** July 29, 1997
ESCM Technology, Inc. 1781 Mars Hill Road	Proprietary Drawing - Property of ESCM	**MW-11**

WELL LOG: MW-12

rmit #		Drill Date	01/09/02	Site	EZ-Serve 8102
Client *EZ-Serve*		Use	**Monitoring Well**	Handex Loc. #	121415
Site Address	**4308 North Peachtree Road**			Total Depth (ft)	20
Drilling Method	**Hollow Stem**	Boring Depth (ft)	**21**	Boring Diam. (in)	8.25
Casing/Scrn. Mat	**Sch -40 PVC**	Csg/Scrn Diam (in)	**2**	Csg Length(ft)	5
Grout Type	**Cement**	Grout Interval (ft)	**0** to **1.5**	Scrn Length (ft)	15
Csg Seal Type	**Bentonite**	Seal Interval (ft)	**1.5** to **3**	Scrn Slot Size (in)	0.010
Sand Pack Type	**10/20 Silica**	Sand Interval (ft)	**3** to **20**	Static Water Level	***19.50***
Rmrks ***4' riser added***		TOC Elevation (ft)		Sample Method	***Split Spoon***

Depth (ft.)	Sample ID	Sample Depth (ft)	Blows/ 6"	OVA (ppm) unf/fil	Geologic Description
0					Brown, clay loam, high is organics
5	1*	5		52	Tan brown-gray, silty fine to medium sand
		8.0-10	shelby tube		
10	2	10-11.5	2,1,2	8.5	Gray clay to sand, alluvial rocks
15	3	13.5-15		18.89	Gray clayey sand
20	4	18.5-20	4,7,14	1313	
25					

Typical Diagram



Not to Scale

Notes:

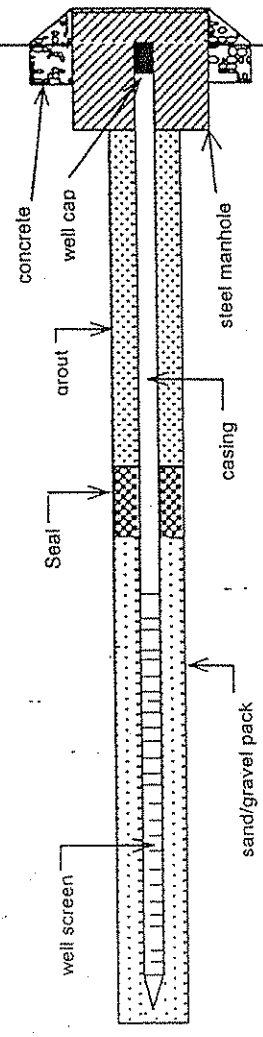
ologist: **Jordan Garrard** | Driller: **Piedmont Environmental**

WELL LOG: MW-13

rmit #	Drill Date 01/09/02	Site	EZ-Serve 8102
Client *EZ-Serve*	Use **Monitoring Well**	Handex Loc. #	121415
Site Address **4308 North Peachtree Road**		Total Depth (ft)	20
Drilling Method **Hollow Stem**	Boring Depth (ft) **21**	Boring Diam. (in)	8.25
Casing/Scrn. Mat **Sch -40 PVC**	Csg/Scrn Diam (in) **2**	Csg Length(ft)	5
Grout Type **Cement**	Grout Interval (ft) **0** to **1.5**	Scrn Length (ft)	15
Csg Seal Type **Bentonite**	Seal Interval (ft) **1.5** to **3**	Scrn Slot Size (in)	0.010
Sand Pack Type **10/20 Silica**	Sand Interval (ft) **3** to **20**	Static Water Level	***19.50***
Rmrks ***4' riser***	TOC Elevation (ft)	Sample Method	***Split Spoon***

Depth (ft.)	Sample ID	Sample Depth (ft)	Blows/ 6"	OVA (ppm) unf/fil	Geologic Description
0					Light brown clayey silt
5	1	5		2.56	Red sandy clay to gray clay
10	2*	8.5-10	1,1,2	98	Light brown silty clay to gray sand Gray clayey sand
15	3	13.5-15	1,1,1	240	Gray clay, wet
20	4	18.5-20	4,7,14	0	
25					

Typical Diagram



Not to Scale

Notes:

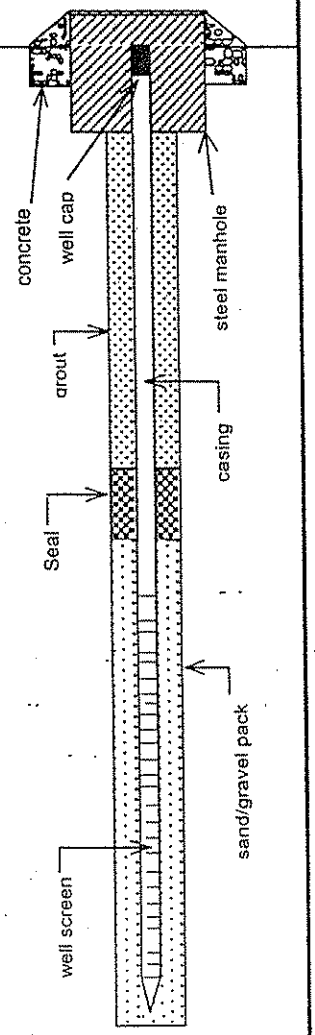
logist: **Jordan Garrard** | Driller: **Piedmont Environmental**

WELL LOG: MW-14

rmit #		Drill Date	01/09/02	Site	EZ-Serve 8102
Client *EZ-Serve*		Use	**Monitoring Well**	Handex Loc. #	121415
Site Address	**4308 North Peachtree Road**			Total Depth (ft)	20
Drilling Method	**Hollow Stem**	Boring Depth (ft)	23	Boring Diam. (in)	8.25
Casing/Scrn. Mat	**Sch -40 PVC**	Csg/Scrn Diam (in)	2	Csg Length(ft)	5
Grout Type	**Cement**	Grout Interval (ft)	0 to 1.5	Scrn Length (ft)	15
Csg Seal Type	**Bentonite**	Seal Interval (ft)	1.5 to 3	Scrn Slot Size (in)	0.010
Sand Pack Type	**10/20 Silica**	Sand Interval (ft)	3 to 20	Static Water Level	***19.50***
Rmrks ***4' riser***		TOC Elevation (ft)		Sample Method	***Split Spoon***

Depth (ft.)	Sample ID	Sample Depth (ft)	Blows/ 6"	OVA (ppm) unf/fil	Geologic Description
0					Light brown clayey silt
5	1*	5		203	light brown clayey silt
10	2	8.5-10		7	Gray clay, wet
15	3	13.5-15	2,2,2	93	Gray clay, wet
20					
25					

Typical Diagram



Not to Scale

Notes:

ologist:	**Jordan Garrard**	Driller:	**Piedmont Environmental**

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SANDY SILT** ; ML; 7.5YR 5/4 brown; non plastic; soft; moist; slight odor; poorly graded; fine to medium sand		- MW-15@ 2-3'	5		107		4 inch diameter PVC blank casing
5		ML	**SILT WITH FINE SAND AND FINE GRAVEL** ; ML; 7.5YR 5/8 brown; non plastic; stiff; moist; slight odor		1200 MW-15	.9	1 5 2 2	218	5	Bentonite chips seal
10		ML	**SILT** ; ML; 7.5YR 4/3 brown; non plastic; stiff; moist; slight odor		- MW-15@ 10-11'	2	2 2 3 4	158	10	10/30 silica sand pack
15		ML	**SILT** ; ML; 5YR 4/6 yellowish red; non plastic; soft; moist; slight odor		- MW-15@ 15-16'	2	1 2 3 4	485	15	4 inch diameter PVC 0.010 inch slotted screen
		ML	**SILT** ; ML; 5YR 5/8 yellowish red; non plastic; soft; moist; slight odor				1 2			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML			MW-15@ 20-21'	2	2 3	22.4		
			Hole terminated at 23 feet.							4 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-16** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			TOPSOIL							2 inch diameter PVC blank casing
		ML	**SILT TRACE MEDIUM TO COARSE GRAVEL** ; ML; 5YR 4/6 yellowish red; non plastic; soft; dry; no odor		- MW-16@ 2-3'	5		.4		
5		ML	**SANDY SILT WITH FINE SAND** ; ML; 7.5YR 4/3 brown; non plastic; stiff; moist; no odor		- MW-16@ 6-7'	2	2 2 3 3	2.1	5	Bentonite chips seal
		ML	**SILT** ; ML; GLEY 1 N/6 gray; non plastic; soft; moist; slight odor; wet at 14'		1335 MW-16	2	2 2 2 3	4.5		
10									10	10/30 silica sand pack
15					- MW-16@ 15-16'	2	3 4 5 4	3.2	15	2 inch diameter PVC 0.010 inch slotted screen
		ML	**SILT** ; ML; 10YR 5/8 yellowish brown; non plastic; stiff; dry; no odor; laminated				3 4			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-16** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/13/06** COMPLETED: **12/13/06**
INSTALLATION: STARTED **12/13/06** COMPLETED: **12/13/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML			- MW-16@ 20-21'	2	10 12	1.2		
			Hole terminated at 23 feet.							2 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-17** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			ASPHALT							4 inch diameter PVC blank casing
		ML	**SILT WITH FINE SAND** ; ML; 5YR 5/1 gray; non plastic; dry; strong odor; color change to yellowish red 5YR 5/8 at 9.5'		MW-17@ 2-3'	5		195		Bentonite chips seal
5					MW-17@ 6-7'	2	1 1 2 2	1296	5	
10					MW-17@ 10-11'	2	1 2 2 3	1823	10	10/30 silica sand pack
15		CL	**CLAY WITH SILT** ; CL; 5YR 5/8 AND 5YR 5/1 yellowish red and gray; non plastic; moist; strong odor		1510 MW-17	2	2 3 4 5	2687	15	4 inch diameter PVC 0.010 inch slotted screen
		ML	ML; soupy gray water and product with strong odor							
		ML	**SILT** ; ML; 5YR 5/8 yellowish red; non plastic;				2 6			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-17** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	dry; no odor		MW-17@ 20-21'	2	7 8	2611		
			Hole terminated at 23 feet.							4 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT. 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-18** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LATITUDE:
GROUND ELEV (ft):
INITIAL DTW (ft): **NE**
STATIC DTW (ft): **NE**
WELL CASING DIAMETER (in): **4**
LOGGED BY: **C. Beall**

EASTING (ft):
LONGITUDE:
TOC ELEV (ft):
BOREHOLE DEPTH (ft): **23.0**
WELL DEPTH (ft): **23.0**
BOREHOLE DIAMETER (in): **11**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			ASPHALT							4 inch diameter PVC blank casing
		CL	**CLAY WITH SILT AND FINE SAND** ; CL; 10YR 3/4 dark yellowish brown; high plasticity; stiff; moist; slight odor		MW-18@ 2-3'	5		87.1		
5		ML	**SILT WITH FINE SAND AND MICA** ; ML; 10YR 6/3 pale brown; non plastic; soft; moist; slight odor		0915 MW-18	2	3 3 3 5	122	5	Bentonite chips seal
10		ML	**SILT** ; ML; 10YR 4/6 AND 10YR 5/1 dark yellowish brown and gray; non plastic; stiff; moist; slight odor		MW-18@ 10-11'	2	2 2 2 3	9.1	10	10/30 silica sand pack
15		CL	**CLAY TRACE SILT** ; CL; 10YR 3/6 dark yellowish brown; medium plasticity; stiff; wet; slight odor		MW-18@ 15-16'	2	3 2 2 3	8.0	15	4 inch diameter PVC 0.010 inch slotted screen
		ML	**SILT** ; ML; 7.5YR 5/8 brown; medium plasticity; soft; wet; slight odor				2 2			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-18** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML			MW-18@ 20-21'	2	2 3	6.7		
			Hole terminated at 23 feet.							4 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-19** PAGE 1 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			ASPHALT							4 inch diameter PVC blank casing
		CL	**CLAY WITH SILT AND FINE SAND** ; CL; 10YR 3/4 dark yellowish brown; high plasticity; stiff; moist; slight odor		MW-19@ 2-3'	5		59.5		
5		ML	**SILT WITH FINE SAND** ; ML; 7.5 YR 4/2 brown; non plastic; moist; slight odor		MW-19@ 6-7'	2	1 1 1 1	39.2	5	Bentonite chips seal
		ML	**SILT** ; ML; 10YR 5/8 AND 10YR 5/1 yellowish brown gray; low plasticity; moist; slight odor		1230 MW-19	2	1 1 2 3	57.7		
10									10	10/30 silica sand pack
		SW	**SAND FINE TO COARSE SAND** ; SW; 10YR 4/3 brown; medium dense; moist; no odor				2 2 2 2			
15					MW-19@ 15-16'	2		10.2	15	4 inch diameter PVC 0.010 inch slotted screen
							2 3			

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve North Peachtree**
LOCATION: **Chamblee, GA**
PROJECT NUMBER: **21OT.06203.05**

WELL / PROBEHOLE / BOREHOLE NO: **MW-19** PAGE 2 OF 2

SECOR

DRILLING: STARTED **12/12/06** COMPLETED: **12/12/06**
INSTALLATION: STARTED **12/12/06** COMPLETED: **12/12/06**
DRILLING COMPANY: **Betts**
DRILLING EQUIPMENT: **Diedrick 120**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **23.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **23.0**
WELL CASING DIAMETER (in): **4**
BOREHOLE DIAMETER (in): **11**
LOGGED BY: **C. Beall**
CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT** ; ML; GLEY 1 5G 5/1 greenish gray; medium dense; moist; no odor; laminated; color change to yellowish red 5YR 5/8 at 20.5		- MW-19@ 20-21'	2	5 7	3.2		
			Hole terminated at 23 feet.							4 inch diameter PVC pipe cap
25									25	
30									30	
35									35	

GEO FORM 304 GUST1.GPJ SECOR INTL.GDT 10/16/07

PROJECT: **EZ Serve**
LOCATION: **N. Peachtree**
PROJECT NUMBER: **21OT.07203.06**

WELL / PROBEHOLE / BOREHOLE NO: **MW-20** PAGE 1 OF 1

SECOR

DRILLING: STARTED **6/12/07** COMPLETED: **6/12/07**
INSTALLATION: STARTED **6/12/07** COMPLETED: **6/12/07**
DRILLING COMPANY: **Bear Environmental**
DRILLING EQUIPMENT: **Geoprobe 6610DT**
DRILLING METHOD: **hollow stem auger**
SAMPLING EQUIPMENT: **2-inch x 60-inch sampler**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **25.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): ---
BOREHOLE DIAMETER (in):
LOGGED BY: **J. Brown**
CHECKED BY: **D. Raede**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		ML	Soft; dry; TOPSOIL; few large GRAVEL& CONCRETE pieces							cement grount
			SILT SOME SAND ; ML; dark brown to light tan; loose		MW-20-0-4'			0.0		bentonite seal
		SM	**SILTY SAND** ; SM; dark brownish gray; soft; dry; moist by 4'		MW-20-4-5'			0.7		2" SCH40 blank PVC casing
5		CL	**CLAY** ; CL; brown; medium plasticity; very soft; moist; grades from SM to CL @ 7'; moist to wet @ 8'		MW-20-5-10'	4.75		0.0	5	
		CL	**CLAY** ; CL; light grayish blue with olive; medium plasticity; soft; mottled		9:40 MW-20 @ 10-12'			0.0		#2 filter pack sand
10		ML	**SILT** ; ML; light gray; medium plasticity; moist; iron oxide staining; mottled; becomes very dark brown to black @ 19'			4.5			10	
					MW-20-12-15'			0.0		2" SCH40 0.010" slotted PVC screen
15						5			15	
20		ML	**SILTY SAND** ; ML; very light gray; medium plasticity; moist; no odor; no staining						20	
		ML	**SILTY SAND** ; ML; blueish green; medium dense to soft; saturated							
		ML	**SILTY SAND** ; ML; brownish tan; medium dense to soft; dry							
25			Hole terminated at 25 feet.						25	

GEO FORM 304 21OT.07203.06.0001.GPJ SCR_20050620(TOEDITS).GDT 9/19/07

PROJECT: **EZ Serve**
LOCATION: **N. Peachtree**
PROJECT NUMBER: **21OT.07203.06**

WELL / PROBEHOLE / BOREHOLE NO: **MW-21** PAGE 1 OF 1

SECOR

DRILLING: STARTED **6/12/07** COMPLETED: **6/12/07**
INSTALLATION: STARTED **6/12/07** COMPLETED: **6/12/07**
DRILLING COMPANY: **Bear Environmental**
DRILLING EQUIPMENT: **Geoprobe 6610DT**
DRILLING METHOD: **hollow stem auger**
SAMPLING EQUIPMENT: **2-inch x 60-inch sampler**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **25.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in):
LOGGED BY: **J. Brown** CHECKED BY: **D. Raede**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	Reddish brown; dry; TOPSOIL							cement grount
		SM	**SILTY SAND** ; SM; reddish brown; loose; dry; some white medium course sub-rounded SAND FRAGMENTS		MW-21-0-7'			0.0		bentonite seal
		SM	**SILTY SAND** ; SM; light tan and light gray; loose; dry; no odor; no staining; mottled							2" SCH40 blank PVC casing
5		ML	**SILT SOME SAND** ; ML; brownish tan with light gray; non plastic; soft; moist						5	
		ML	**SILT SOME SAND TRACE FINE SAND** ; ML; greenish gray with dark olive; non plastic; medium dense; moist; little reddish brown; very moist @ 9-10'		MW-21-7-9'	5		0.3		
10		ML	**SILT** ; ML; brownish green; slight odor		MW-21-9-11'			4.3	10	#2 filter pack sand
					MW-21-11-13'	5		1.5		
		SM	**SILTY SAND** ; SM; brownish green; slight odor		11:30 MW-21 @ 13-15'			55.1		2" SCH40 0.010" slotted PVC screen
15		ML	**SILT** ; ML; brown to reddish brown; very soft; dry; no odor; black flacky mineral rich/organic black seams @ 18-18.5'		MW-21-15-17'			2.5	15	
					MW-21-17-19'	4.5		0.0		
20			Sample jammed; could not pull out liner; will pressure wash to set free						20	
25			Hole terminated at 25 feet.						25	

GEO FORM 304 21OT.07203.06.0001.GPJ SCR_20050620(TOEDITS).GDT 9/19/07

PROJECT: **EZ Serve**
LOCATION: **N. Peachtree**
PROJECT NUMBER: **21OT.07203.06**

WELL / PROBEHOLE / BOREHOLE NO: **MW-22** PAGE 1 OF 1

SECOR

DRILLING: STARTED **6/12/07** COMPLETED: **6/12/07**
INSTALLATION: STARTED **6/12/07** COMPLETED: **6/12/07**
DRILLING COMPANY: **Bear Environmental**
DRILLING EQUIPMENT: **Geoprobe 6610DT**
DRILLING METHOD: **hollow stem auger**
SAMPLING EQUIPMENT: **2-inch x 60-inch sampler**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **25.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---**
BOREHOLE DIAMETER (in):
LOGGED BY: **J. Brown**
CHECKED BY: **D. Raede**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	ASPHALT with some GRAVEL below **SANDY SILT** ; SM; light reddish brown; loose; moist		MW-22-0-1'			118		cement grount
					MW-22-1-2'			107		bentonite seal
					MW-22-2-3'			136		
					MW-22-3-4'			396		2" SCH40 blank PVC casing
5		ML	**SILT** ; ML; dark gray and brown; non plastic; medium stiff; moist; slight odor					1973	5	
		ML	**SILT** ; ML; reddish tan; non plastic; medium stiff; moist; slight odor		MW-22-4-5'			462		
					MW-22-5-7'			1688		
					MW-22-7-9'					
10		ML	**SILT** ; ML; brown and greenish brown; soft; slight odor; dry to moist		MW-22-9-11'			1832	10	#2 filter pack sand
					MW-22-11-13'			1401		
					14:00 MW-22 @ 13-15'			1299		2" SCH40 0.010" slotted PVC screen
15		ML	**SILT** ; ML; brown and greenish brown; soft; dry; slight odor; very greenish color and dry to slightly moist @ 16-17'			20			15	
					MW-22-15-17'			1649		
		ML	**SILT** ; ML; light reddish brown; dense; dry; slight odor		MW-22-17-19'			237		
20		SM	**SANDY SILT** ; SM; medium dense; moist		MW-22-19-21'			648	20	
		ML	**SILT** ; ML; many black organic bands @ 23.5-25'; odor seems to fade out		MW-22-21-23'			1000		
					MW-22-23-25'			6.7		
25			Hole terminated at 25 feet.						25	

GEO FORM 304 21OT.07203.06.0001.GPJ SCR_20050620(TOEDITS).GDT 9/19/07

PROJECT: **EZ Serve**
LOCATION: **4308 North Peachtree, Chamblee, Georgia**
PROJECT NUMBER: **21OT.07203.06.0001**

WELL / PROBEHOLE / BOREHOLE NO: **MW-23D** PAGE 1 OF 2

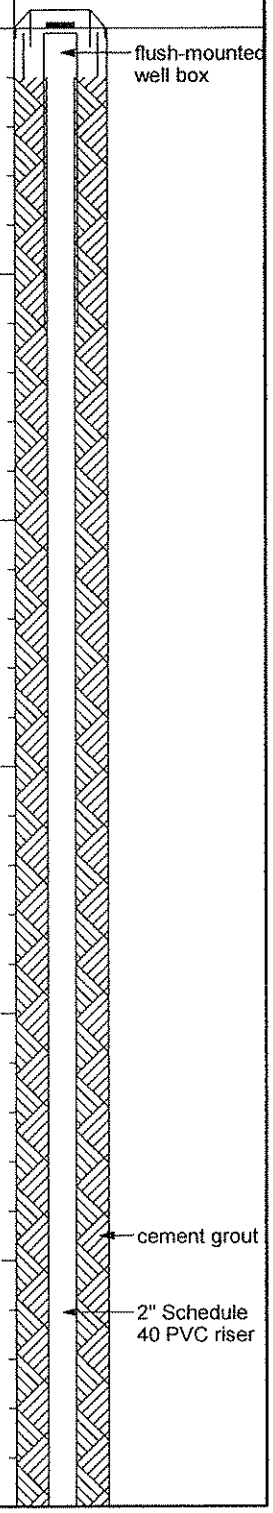
SECOR

DRILLING: STARTED **6/18/07** COMPLETED: **6/18/07**
INSTALLATION: STARTED **6/18/07** COMPLETED: **6/18/07**
DRILLING COMPANY: **Drilling Solutions, Inc.**
DRILLING EQUIPMENT: **D50 drill rig**
DRILLING METHOD: **hollow stem augers**
SAMPLING EQUIPMENT: **2-inch x 48-inch split spoon sampler**

NORTHING (ft):
LATITUDE:
GROUND ELEV (ft):
INITIAL DTW (ft): **15 6/18/07**
STATIC DTW (ft): **NE**
WELL CASING DIAMETER (in): **2**
LOGGED BY: **A. Riemer**

EASTING (ft):
LONGITUDE:
TOC ELEV (ft):
BOREHOLE DEPTH (ft): **58.0**
WELL DEPTH (ft): **58.0**
BOREHOLE DIAMETER (in): **8.25**
CHECKED BY: **D. Raede**

Time & Depth (feet)	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)
10:00		**ASPHALT**; approximately 6 inches					
10:05	ML	**SANDY SILT TRACE GRAVEL** ; ML; 5 YR 4/6 yellowish red; medium dense; moist; slight HC odor		10:05 MW-23D (0-1')	.5		0.8
10:10	ML			10:10 MW-23D (1-2')	1		1.1
10:15		**SILT** ; ML; 5 YR 4/6 yellowish red; medium dense to dense; moist; slight HC odor		10:15 MW-23D (2-3')	1		0.8
10:20	ML	2.5 Y 7/3 pale yellow; medium dense		10:20 MW-23D (3-4')	1		1.7
10:25	ML	**SAND TRACE GRAVEL** ; ML; 2.5 Y 6/2 light yellowish brown with reddish orange; medium dense; moist; slight HC odor		10:25 MW-23D (4-5')	1		4.8
10:30 5		**SILT TRACE CLAY** ; ML; 10 YR 4/6 dark yellowish brown with yellowish brown; medium dense; moist; slight HC odor		10:30 MW-23D (5-7')	2	1 3 4 4	6.0
		5 Y 5/1 gray; moist; moderate HC odor		10:35 MW-23D (7-9')	2	1 3 3 3	28.4
10:35	CL-ML	**SILTY CLAY** ; CL-ML; 5 Y 5/2; olive gray; medium dense; moist; moderate HC odor		10:40 MW-23D (9-11')	2	2 1 2 3	260
10:40	ML	**SILT** ; ML; 5 Y 6/1 gray with brown; medium dense; moist; moderate HC odor		10:45 MW-23D (11-13')	2	2 2 4 4	320
10:45 10							
10:47	ML	**CLAYEY SILT** ; ML; 2.5 Y 4/2 dark grayish brown; medium dense; moist; slight HC odor		10:47 MW-23D (13-15')	2	2 1 2 1	21.6
10:50 15	ML	**SILT TRACE SAND** ; ML; 5 Y 6/2; light olive gray; moist to very moist; slight HC odor		10:50 MW-23D (15-17')	2	1 1 1 2	15.1
10:55	ML	**SILT** ; ML; 5 Y 8/3 pale yellow; medium dense; saturated; slight HC odor		10:55 MW-23D (18-20')	2	2 3 5 7	7.2
20							
11:10		10 YR 5/6 yellowish brown with brownish black; dense; moist; no odor		11:10 MW-23D (23-25')	2		5.5
25							
11:25	SW	**SAND TRACE GRAVEL AND FINE SAND** ; SW; 10 YR 5/6 yellowish brown with black; coarse-grained; dense to very dense; moist; no odor		11:25 MW-23D (28-30')	2		2.5



GEO FORM 304 NORTH PEACHTREE.GPJ SECOR INTL.GDT 7/2/07

PROJECT: **EZ Serve**
LOCATION: **4308 North Peachtree, Chamblee, Georgia**
PROJECT NUMBER: **21OT.07203.06.0001**

WELL / PROBEHOLE / BOREHOLE NO: **MW-23D** PAGE 2 OF 2

SECOR

DRILLING: STARTED **6/18/07** COMPLETED: **6/18/07**
INSTALLATION: STARTED **6/18/07** COMPLETED: **6/18/07**
DRILLING COMPANY: **Drilling Solutions, Inc.**
DRILLING EQUIPMENT: **D50 drill rig**
DRILLING METHOD: **hollow stem augers**
SAMPLING EQUIPMENT: **2-inch x 48-inch split spoon sampler**

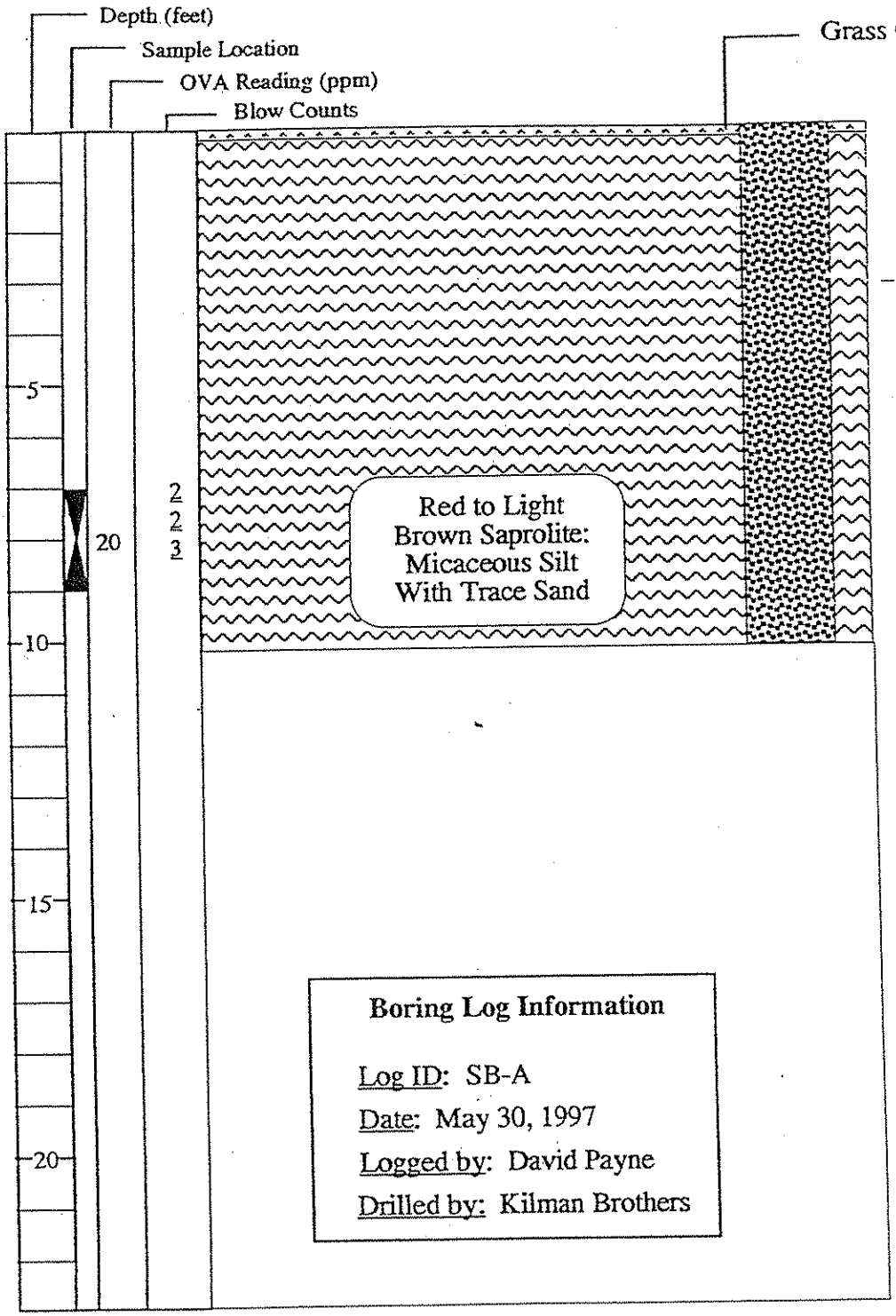
NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **15 6/18/07**
BOREHOLE DEPTH (ft): **58.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **58.0**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8.25**
LOGGED BY: **A. Riemer**
CHECKED BY: **D. Raede**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)
		SW						
11:45		ML	**SILT** ; ML; 7.5 YR 5/8; strong brown; dense to very dense; moist; no odor		11:45 MW-23D (33-35')	1.75	33 42 45 50	2.8
35								
12:10			2.5 Y 7/3 pale yellow		12:10 MW-23D (38-40')	2		0.6
40								
12:40			10YR 5/6 yellowish brown		12:40 MW-23D (43-45')	2		1.8
45			Blind drilled					
13:20 50								
15:10 55								
15:30			Refusal at 58 feet. Hole terminated at 58 feet.					

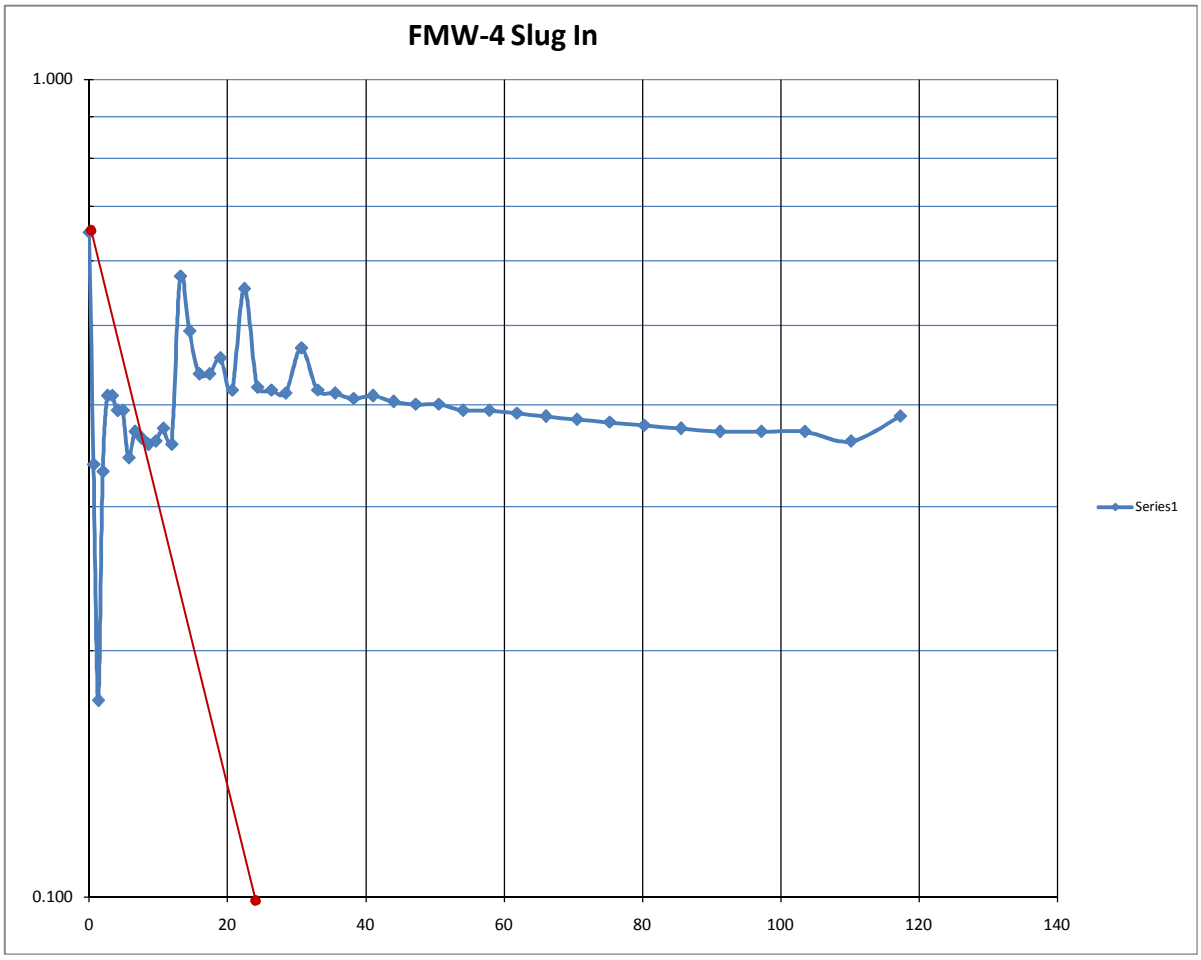
Depth (feet): 35, 40, 45, 50, 55

Well Construction:
- bentonite seal
- #1A filter pack sand
- 2" Schedule 40, 0.010-inch slotted PVC screen

GEO FORM 304 NORTH PEACHTREE.GPJ SECOR INTL.GDT 7/2/07

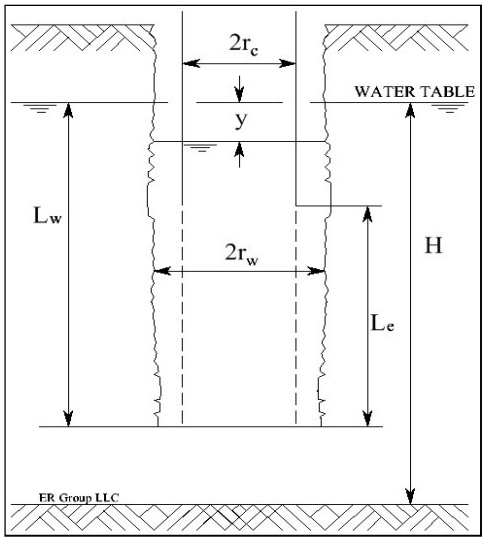


Z Serve Convenience Stores, Inc.	Facility #: 8102 GA EPD #: 9000341	**Soil Boring Log**
3508 North Peachtree Road, Chamblee, Georgia	Drafted by: D. Shunnarah	**Date:** June 3, 1997
ESCM Technology, Inc. 1781 Mars Hill Road	Proprietary Drawing - Property of ESCM	**SB-A**



Physical Parameters: TEST 3

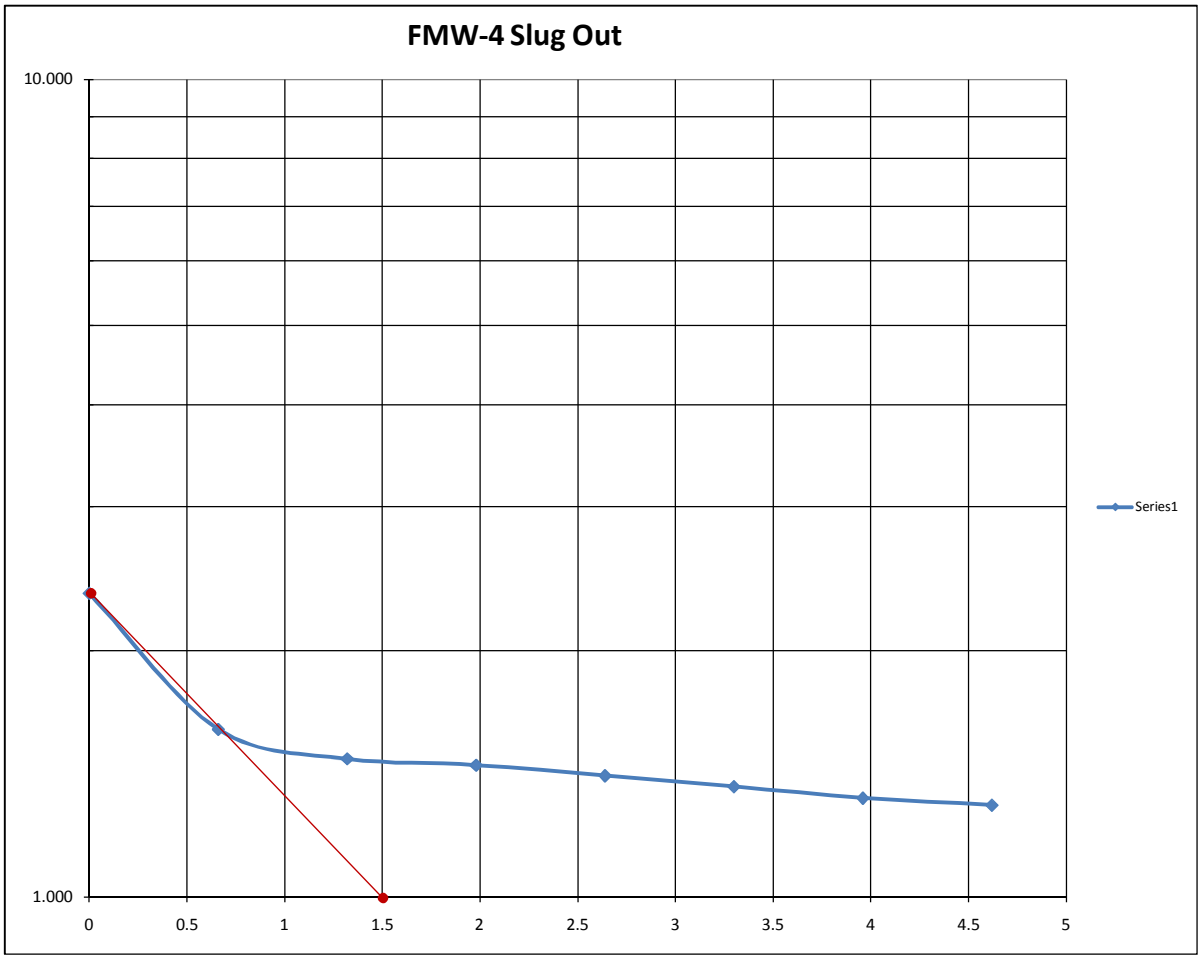
Well Casing Radius	(rc)	0.08333	Ft
Boring Radius	(rw)	0.33333	Ft
Water In Well	(Le)	6.63	Ft
Aquifer Thickness	(H)	40	Ft
Wet Well Depth	(Lw)	6.63	Ft
Porosity	(n)	0.2	



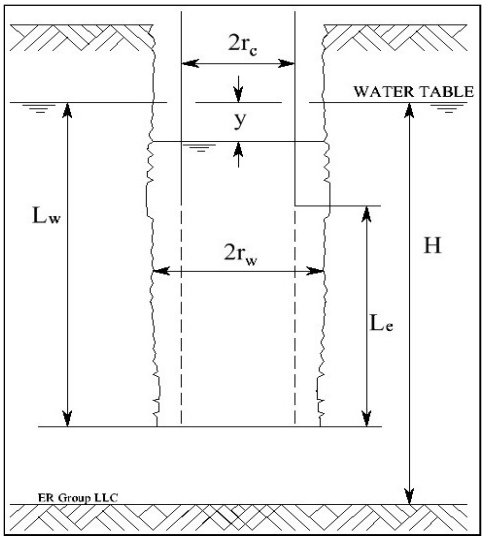
Parameter Calculations for Bouwer and Rice Slug Test (Ground Water, 1989)

Re (effective radius) = ((1-n)*rc^2 +n*rw^2)^.5 =		0.16667
Log (Le/rw) =		1.29863
Interpolated "A" from Table:	A =	2.23049
Interpolated "B" from Table:	B =	0.32482
Interpolated "C" from Table:	C =	1.50004
Ln(Re/rw) where Lw < H		1.80105
Ln(Re/rw) where Lw = H		2.2559
Yo =		0.7
Yt =		0.1
t =		10

K (ft/sec) where Lw < H	0.00018	ft/sec	15.86	ft/day
K (ft/sec) where Lw = H	0.00023	ft/sec	19.86	ft/day



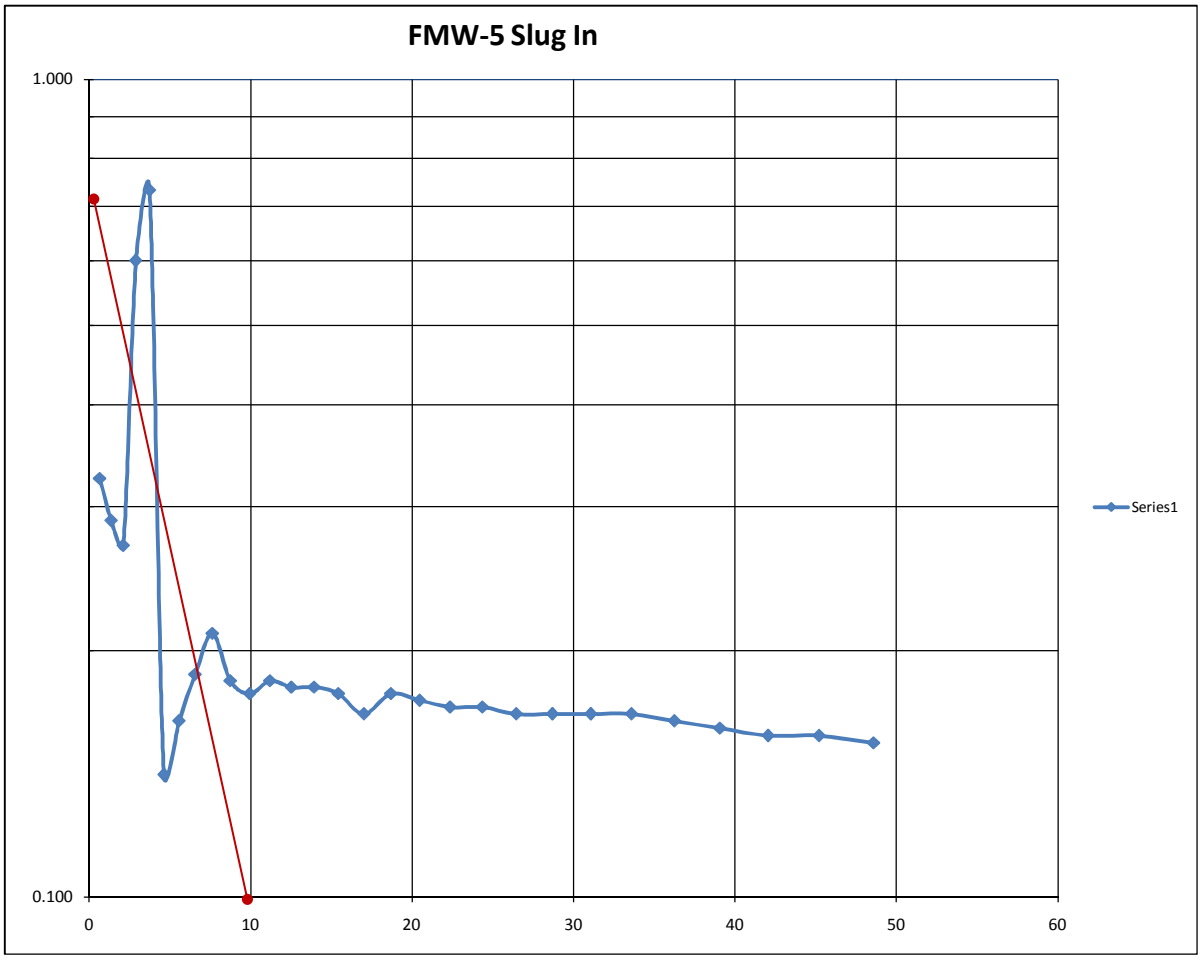
Physical Parameters:		TEST 4	
Well Casing Radius	(rc)	0.08333	Ft
Boring Radius	(rw)	0.33333	Ft
Water In Well	(Le)	6.63	Ft
Aquifer Thickness	(H)	40	Ft
Wet Well Depth	(Lw)	6.63	Ft
Porosity	(n)	0.2	



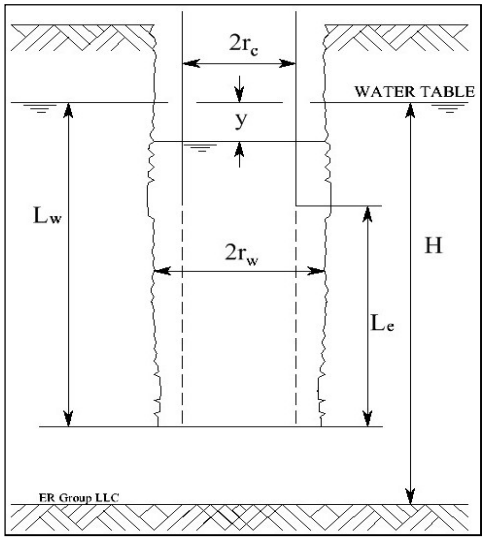
Parameter Calculations for Bouwer and Rice Slug Test (Ground Water, 1989)

Re (effective radius) = ((1-n)*rc^2 +n*rw^2)^.5 =		0.16667
Log (Le/rw) =		1.29863
Interpolated "A" from Table:	A =	2.23049
Interpolated "B" from Table:	B =	0.32482
Interpolated "C" from Table:	C =	1.50004
Ln(Re/rw) where Lw < H		1.80105
Ln(Re/rw) where Lw = H		2.2559
Yo =		1.2
Yt =		1
t =		1.5

K (ft/sec) where Lw < H	0.00011	ft/sec	9.91 ft/day
K (ft/sec) where Lw = H	0.00014	ft/sec	12.41 ft/day



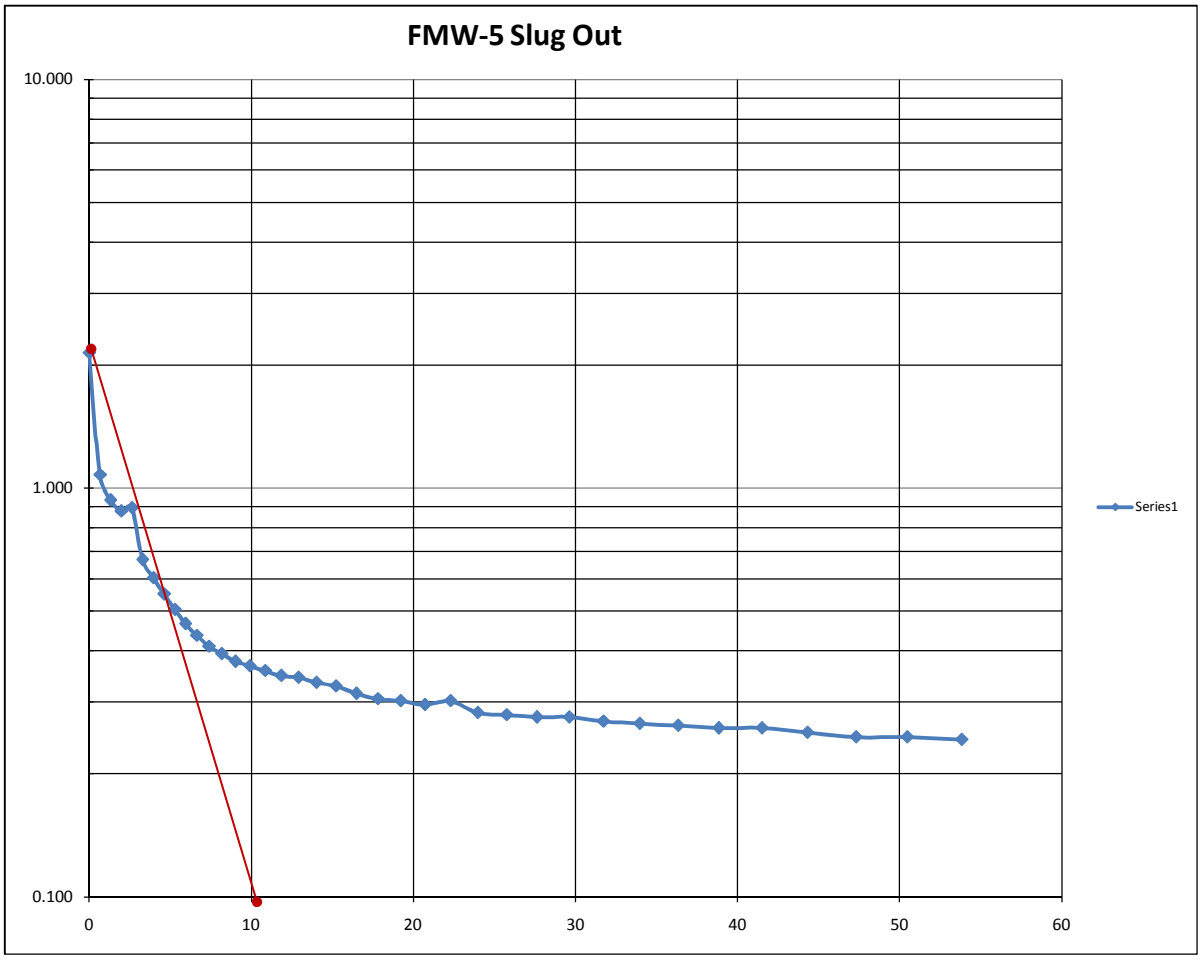
Physical Parameters:		TEST 1	
Well Casing Radius	(rc)	0.08333	Ft
Boring Radius	(rw)	0.33333	Ft
Water In Well	(Le)	5.83	Ft
Aquifer Thickness	(H)	40	Ft
Wet Well Depth	(Lw)	5.83	Ft
Porosity	(n)	0.2	



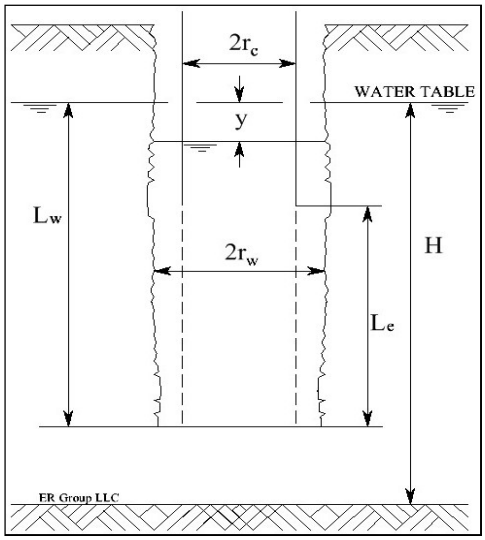
Parameter Calculations for Bouwer and Rice Slug Test (Ground Water, 1989)

Re (effective radius) = ((1-n)*rc^2 +n*rw^2)^.5 =		0.16667
Log (Le/rw) =		1.24279
Interpolated "A" from Table:	A =	2.14962
Interpolated "B" from Table:	B =	0.3124
Interpolated "C" from Table:	C =	1.41985
Ln(Re/rw) where Lw < H		1.69491
Ln(Re/rw) where Lw = H		2.14787
Yo =		0.7
Yt =		0.1
t =		10

K (ft/sec) where Lw < H	0.0002	ft/sec	16.97 ft/day
K (ft/sec) where Lw = H	0.00025	ft/sec	21.51 ft/day



Physical Parameters:		TEST 2	
Well Casing Radius	(rc)	0.08333	Ft
Boring Radius	(rw)	0.33333	Ft
Water In Well	(Le)	5.83	Ft
Aquifer Thickness	(H)	40	Ft
Wet Well Depth	(Lw)	5.83	Ft
Porosity	(n)	0.2	



Parameter Calculations for Bouwer and Rice Slug Test (Ground Water, 1989)

Re (effective radius) = ((1-n)*rc^2 +n*rw^2)^.5 =		0.16667
Log (Le/rw) =		1.24279
Interpolated "A" from Table:	A =	2.14962
Interpolated "B" from Table:	B =	0.3124
Interpolated "C" from Table:	C =	1.41985
Ln(Re/rw) where Lw < H		1.69491
Ln(Re/rw) where Lw = H		2.14787
Yo =		1.2
Yt =		0.1
t =		10

K (ft/sec) where Lw < H	0.00025	ft/sec	21.67 ft/day
K (ft/sec) where Lw = H	0.00032	ft/sec	27.46 ft/day

Appendix C
Groundwater-Surface Water Mixing Zone Analysis

NANCY CREEK MIXING ZONE ANALYSIS
2211 SAVOY DRIVE, CHAMBLEE, DEKALB COUNTY, GEORGIA
HSI 10786

OVERVIEW

This mixing zone analysis has been prepared to model the groundwater discharge and resulting mixing with Nancy Creek. Nancy Creek is a significant perennial surface water flow occurring at the down-gradient boundary of the subject site. The groundwater at the site contains volatile organic compounds (VOCs) that are transported with groundwater, and subsequently into Nancy Creek. Previous stream sampling has been unable to detect target VOCs, therefore this analysis is intended to determine the theoretical VOC concentration(s) immediately in the reach forming the plume/creek interface.

METHODOLOGY

Groundwater constituents are mixed and diluted according to the ratio of flows

$$(G)/(G+S) \times C_{VOC} \qquad \textbf{EQUATION 1}$$

where
G represents groundwater discharge volume,
S represents surface flow volume, and
$\mathbf{C_{VOC}}$ is the groundwater discharge concentration of a specific VOC constituent.

Creek flow at this location is observed to highly turbulent and full water column mixing is assumed. Therefore, modeling the mixing of groundwater and surface flow to determine theoretical surface water VOC concentrations was performed using Equation 1, using flows and concentrations as determined in the attached Calculation 1. The parameters used in Equation 1 are discussed in the following:

AREAL AVERAGE C_{VOC}

A conservative areal average of the key VOC groundwater concentrations (Tetrachloroethene, Trichloroethene, Cis-1,2 Dichlorethene, and Vinyl Chloride) was obtained using the nine nearest impacted monitoring wells adjacent to Nancy Creek. Only wells with VOC detections were used to avoid skewing the result. This approach "reached back" into more concentrated areas of the plume to ensure a conservative areal average estimate of discharge into the creek. See attached Calculation 1 for the specific monitoring wells, VOC concentrations, and date of VOC measurement, and the resulting average VOC concentration.

STREAM FLOW VOLUME

Stream flow volume was directly measured on three different days, spread over a one week period, using a Global Water FP111 FLOWPROBE capable of measuring flow from 0.3 to 20 feet per second. To obtain one flow measurement, three flow depth/velocity profile measurements were made along the creek bed, spanning bank to bank. Flow was measured on June 8, June 10, and June 12, 2010. All reasonable effort was made to accurately profile flow, including selecting well-channelized locations with steep banks. No measurable precipitation had been reported in the Nancy Creek watershed for five days prior to the first two measurements. Light rain was reported prior to the June 12 measurement; however flow measurement did not detect a significant flow increase for this measurement.

Flow was measured at both the Savoy Drive location, and also at a location approximately eight miles downstream as a quality check. The downstream location is monitored continuously for flow and other parameters by the US Geologic Survey (USGS) at Station 02336360, near the bridge at Rickenbacker Drive. These downstream data were obtained to allow calibration and comparison of the Savoy Drive flow to continuous USGS measurements at Rickenbacker Drive. The USGS data are available to the public through internet access[1]. It was noted that USGS readings at Rickenbacker Drive do not match the actual (and accurate) field flow measurements conducted for this analysis, and it is assumed that floods in late 2009 damaged the USGS station and it has yet to be repaired. However, USGS data prior to the 2009 flooding is assumed to be reasonably reliable, over the range of flow for which the station was designed. For reference, see the attached USGS Station 02336360 Daily Stream Flow graph spanning continuous flow recordings from 2003 to 2010. Note that these data encompass the 100 year drought conditions. By inspection, and based on best professional judgment, the Nancy Creek 7Q10 at Rickenbacker Drive is the range of 10 to 30 cubic feet per second. Typically, USGS stations are not designed to obtain low flow conditions outside the presumed flow range, and flow below approximately 10 CFS are highly suspect.

The USGS data are helpful to demonstrate that Nancy Creek is subject to very high peak flows typical of urban watersheds, with low dry condition flows, ranging from 10 to 1000 CFS. The large range indicates variable aquifer discharge along the entire length from Savoy Drive to Rickenbacker Drive. Obviously, creek flow slows when the groundwater discharge slows. In the absence of surface runoff from precipitation, the rate of stream flow and aquifer discharge is expected to be nearly a constant ratio closely equal to the ratio shown in Equation 1, with surface runoff causing much higher mixing and dilution during and after precipitation events.

[1] http://wdr.water.usgs.gov/nwisgmap/

GROUNDWATER DISCHARGE VOLUME

Flow volume of groundwater was estimated from the measured site gradient, measured hydraulic conductivity, and groundwater flow area in the Darcy flow equation

Q=kIA **EQUATION 2**

where
Q = Flow Volume (Ft^3)
k = Hydraulic Permeability (Ft/Day)
I = Flow Gradient (dimensionless)
A = Area of Flow Across Gradient at Creek Interface (Ft^2)
See Calculation 1 for specific values and assumptions used in Equation 2.

Hydraulic conductivity was previously obtained by both falling head and rising head analysis using the Bouwer & Rice method (attached for reference, previously submitted).

Note that the area of flow used in the calculation is conservative in that the actual gradient is not perpendicular to the creek interface, therefore the flow area is significantly overestimated.

RESULTS

The mixing and dilution of VOCs is controlled by the ratio of surface water flow volume to the volume of groundwater containing VOCs. This ratio is expected to be relatively constant in accordance with the convention of groundwater and creek relationships, where less groundwater discharge results in less creek flow. The mixing and dilution ratio calculated for the 2211 Savoy Drive location is 0.0021 (or 1:470). Using this calculated ratio, the VOC dilutions based on calculated areal average are shown in the following (from Calculation 1) at both the Savoy Drive and Rickenbacker Drive locations:

Groundwater VOC	Georgia In-Stream Standard (ug/L)	GW Areal Average Concentration (ug/L)	Savoy Drive Surface Water Conc. (ug/L)	Rickenbacker Drive Surface Water Conc. (ug/L)
PCE	3.3	504	1.07	0.100
TCE	30	53	0.11	0.011
VC	2.4	95	0.20	0.019
Cis-12 DCE	[None]	360	0.77	0.072

Note that flow increases by a factor of 10 between the two locations. This mixing and dilution analysis excludes the beneficial additional dilution that will start occurring immediately outside and downstream from the mixing zone. Based on this analysis, it is unlikely that VOCs from the Savoy groundwater plume are present above detectable levels at any time or any stage of flow in the creek.

Calculation 1: Mixing Zone Analysis
2211 Savoy Drive, Chamblee, DeKalb County
HSI 10786

Date: 6/28/2010
By: VO
Checked: LD
Pages: 2

AREAL AVERAGE VOC CONCENTRATIONS AT DISCHARGE

Well ID	Sample Date	PCE	TCE	VC	Cis-1,2 DCE
FMW-15	Jun-10	0	0	8.5	0
FMW-09	Mar-10	1600	72	0	290
FMW-11	Mar-10	44	11	0	10
MW-14	Sep-08	260	260	830	2600
FMW-13	Mar-10	18	2.6	0	1.1
FMW-14	May-10	10	20	0	7.4
FMW-6	Mar-10	1400	52	0	180
FMW-5	Mar-10	1200	29	2.8	39
FMW-10	Mar-10	0	28	11	110
Avg		**504**	**53**	**95**	**360**

MEASURED NANCY CREEK FLOW AT GROUNDWATER INTERFACE

SAVOY DRIVE Creek Flow			**6/8/2010**	**6/10/2010**	**6/12/2010**
Profile	Width	Ft	11	7	4.5
Depth	D1	Inches	5	5	6
Depth	D2	Inches	9.5	20.4	5.5
Depth	D3	Inches	8	13.2	2
Velocity	V1	Ft/S	1.4	1.4	4.2
Velocity	V2	Ft/S	1.6	1.7	1.9
Velocity	V3	Ft/S	0.3	0.3	0.3
Flow Area	A	Ft^2	6.9	7.5	1.7
Flow Volume	Vol	Ft^3/S	7.6	8.5	3.6
Average 3-Day Flow					**6.6**
Standard Deviation					**2.6**

MEASURED NANCY CREEK FLOW DOWNSTREAM- USGS STATION 02336360 (RICKENBACKER DR)

RICKENBACKER DRIVE Creek Flow			**6/8/2010**	**6/10/2010**	**6/12/2010**
Profile	Width	Ft	24.5	25	21
Depth	D1	Inches	5.5	6.5	12
Depth	D2	Inches	6.5	8	8.5
Depth	D3	Inches	6	13.2	8
Velocity	V1	Ft/S	3.6	2.5	3.8
Velocity	V2	Ft/S	4.7	5.5	5
Velocity	V3	Ft/S	4.3	5.8	3.8
Flow Area	A	Ft^2	12.3	19.2	16.6
Flow Volume	Vol	Ft^3/S	51.5	88.5	69.8
Average 3-Day Flow					**69.9**
Standard Deviation					**18.5**

GW Flow Gradient			**4/15/2010**		
MW-15	Elevation	Ft	88		
FMW-13	Elevation	Ft	83		
	Delta Elev	Ft	5		
	Distance	Ft	472.5		
	Gradient	**Ft/Ft**			**0.011**

Creek/Plume Interface Length and Depth			
FMW-11 to FMW-14	**Ft**	**(Measured From Figure)**	**472.5**
Aquifer Depth	**Ft**	**(Measured to Clay)**	**15**
Flow Area at Creek	**Ft^2**	**(Interface x Aquifer Depth)**	**7087.5**

Measured Permeability (Bouwer-Rice Method)		**Rising Head**	**Falling Head**	
	FMW-4	Ft/day	15.9	9.9	
	FMW-5	Ft/day	21.7	17.0	
	Average	**Ft/day**			**16.1**

GW Flow Volume To Nancy Creek At Plume (Q=KxIxA)			
	K	Ft/day	16.1	
	K	Ft/s	0.00019	
	I	Ft/Ft	0.011	
	A	Ft^2	7087.5	
Darcy Flow Volume		**Ft^3/S**		**0.014**

Mixing Zone Dilution (Aquifer Discharge/(Aquifer Discharge + Creek Flow)	**0.0021**

Mixing Zone Concentrations	(Mixing Factor x GW Conc)		**GW**	**Savoy Dr**	**RickenB**
	ug/L	**PCE**	504	1.07	0.100
	ug/L	**TCE**	53	0.11	0.011
	ug/L	**VC**	95	0.20	0.019
	ug/L	**Cis-12 DCE**	360	0.77	0.072

---------- WARNING ----------
The data you have obtained from this automated U.S. Geological Survey database
have not received Director's approval and as such are provisional and subject to
revision. The data are released on the condition that neither the USGS nor the
United States Government may be held liable for any damages resulting from its use.
Additional info: http://waterdata.usgs.gov/nwis/help/?provisional
#
File-format description: http://waterdata.usgs.gov/nwis/?tab_delimited_format_info
Automated-retrieval info: http://waterdata.usgs.gov/nwis/?automated_retrieval_info
#
Contact: gs-w_support_nwisweb@usgs.gov
retrieved: 2010-06-26 09:42:32 EDT
#
Data for the following site(s) are contained in this file
USGS 02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA

#
Data provided for site 02336360
DD parameter Description
01 00065 Gage height, feet
02 00060 Discharge, cubic feet per second
03 00045 Precipitation, total, inches
#

agency_cd	site_no	datetime	tz_cd	01_00065	01_00065_cd	02_00060	02_00060_	03_00045	03_00045_
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USGS	2336360	6/6/2010 6:30	EST	0.77		13		0	
USGS	2336360	6/6/2010 6:45	EST	0.77		13		0	
USGS	2336360	6/6/2010 7:00	EST	0.77		13		0	
USGS	2336360	6/6/2010 7:15	EST	0.77		13		0	
USGS	2336360	6/6/2010 7:30	EST	0.77		13		0	
USGS	2336360	6/6/2010 7:45	EST	0.77		13		0	
USGS	2336360	6/6/2010 8:00	EST	0.77		13		0	
USGS	2336360	6/6/2010 8:15	EST	0.76		13		0	
USGS	2336360	6/6/2010 8:30	EST	0.76		13		0	
USGS	2336360	6/6/2010 8:45	EST	0.77		13		0	

USGS	2336360	6/6/2010 9:00	EST	0.77	13	0
USGS	2336360	6/6/2010 9:15	EST	0.76	13	0
USGS	2336360	6/6/2010 9:30	EST	0.77	13	0
USGS	2336360	6/6/2010 9:45	EST	0.77	13	0
USGS	2336360	6/6/2010 10:00	EST	0.77	13	0
USGS	2336360	6/6/2010 10:15	EST	0.77	13	0
USGS	2336360	6/6/2010 10:30	EST	0.77	13	0
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USGS	2336360	6/6/2010 11:45	EST	0.77	13	0
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USGS	2336360	6/6/2010 18:45	EST	0.76	13	0
USGS	2336360	6/6/2010 19:00	EST	0.76	13	0
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USGS	2336360	6/7/2010 0:00	EST	0.76	13	0

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USGS	2336360	6/9/2010 10:45	EST	0.72	11	0
USGS	2336360	6/9/2010 11:00	EST	0.73	11	0
USGS	2336360	6/9/2010 11:15	EST	0.73	11	0
USGS	2336360	6/9/2010 11:30	EST	0.73	11	0
USGS	2336360	6/9/2010 11:45	EST	0.73	11	0
USGS	2336360	6/9/2010 12:00	EST	0.73	11	0
USGS	2336360	6/9/2010 12:15	EST	0.73	11	0
USGS	2336360	6/9/2010 12:30	EST	0.73	11	0
USGS	2336360	6/9/2010 12:45	EST	0.72	11	0
USGS	2336360	6/9/2010 13:00	EST	0.72	11	0

USGS	2336360	6/9/2010 13:15 EST	0.73	11	0
USGS	2336360	6/9/2010 13:30 EST	0.72	11	0
USGS	2336360	6/9/2010 13:45 EST	0.72	11	0
USGS	2336360	6/9/2010 14:00 EST	0.73	11	0
USGS	2336360	6/9/2010 14:15 EST	0.73	11	0
USGS	2336360	6/9/2010 14:30 EST	0.72	11	0
USGS	2336360	6/9/2010 14:45 EST	0.72	11	0
USGS	2336360	6/9/2010 15:00 EST	0.72	11	0
USGS	2336360	6/9/2010 15:15 EST	0.72	11	0
USGS	2336360	6/9/2010 15:30 EST	0.72	11	0
USGS	2336360	6/9/2010 15:45 EST	0.72	11	0
USGS	2336360	6/9/2010 16:00 EST	0.72	11	0
USGS	2336360	6/9/2010 16:15 EST	0.72	11	0
USGS	2336360	6/9/2010 16:30 EST	0.72	11	0
USGS	2336360	6/9/2010 16:45 EST	0.72	11	0
USGS	2336360	6/9/2010 17:00 EST	0.72	11	0
USGS	2336360	6/9/2010 17:15 EST	0.72	11	0
USGS	2336360	6/9/2010 17:30 EST	0.73	11	0
USGS	2336360	6/9/2010 17:45 EST	0.75	12	0
USGS	2336360	6/9/2010 18:00 EST	0.78	14	0
USGS	2336360	6/9/2010 18:15 EST	0.85	17	0
USGS	2336360	6/9/2010 18:30 EST	1.01	28	0
USGS	2336360	6/9/2010 18:45 EST	1.85	134	0
USGS	2336360	6/9/2010 19:00 EST	2.46	251	0
USGS	2336360	6/9/2010 19:15 EST	2.79	323	0
USGS	2336360	6/9/2010 19:30 EST	2.92	350	0
USGS	2336360	6/9/2010 19:45 EST	2.93	352	0
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USGS	2336360	6/9/2010 20:45 EST	2.46	251	0
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USGS	2336360	6/9/2010 21:30 EST	2.05	171	0
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USGS	2336360	6/9/2010 22:45 EST	1.66	102	0
USGS	2336360	6/9/2010 23:00 EST	1.61	94	0
USGS	2336360	6/9/2010 23:15 EST	1.56	87	0
USGS	2336360	6/9/2010 23:30 EST	1.51	81	0
USGS	2336360	6/9/2010 23:45 EST	1.48	76	0
USGS	2336360	6/10/2010 0:00 EST	1.43	70	0
USGS	2336360	6/10/2010 0:15 EST	1.41	68	0
USGS	2336360	6/10/2010 0:30 EST	1.37	62	0
USGS	2336360	6/10/2010 0:45 EST	1.35	60	0
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USGS	2336360	6/10/2010 1:15 EST	1.3	55	0
USGS	2336360	6/10/2010 1:30 EST	1.29	54	0
USGS	2336360	6/10/2010 1:45 EST	1.27	51	0
USGS	2336360	6/10/2010 2:00 EST	1.24	48	0
USGS	2336360	6/10/2010 2:15 EST	1.22	46	0
USGS	2336360	6/10/2010 2:30 EST	1.2	44	0
USGS	2336360	6/10/2010 2:45 EST	1.18	43	0
USGS	2336360	6/10/2010 3:00 EST	1.17	42	0
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USGS	2336360	6/10/2010 3:30 EST	1.14	38	0
USGS	2336360	6/10/2010 3:45 EST	1.12	37	0
USGS	2336360	6/10/2010 4:00 EST	1.12	37	0
USGS	2336360	6/10/2010 4:15 EST	1.11	36	0

USGS	2336360	6/10/2010 4:30	EST	1.09	34	0
USGS	2336360	6/10/2010 4:45	EST	1.08	33	0
USGS	2336360	6/10/2010 5:00	EST	1.07	33	0
USGS	2336360	6/10/2010 5:15	EST	1.05	30	0
USGS	2336360	6/10/2010 5:30	EST	1.05	30	0
USGS	2336360	6/10/2010 5:45	EST	1.04	30	0
USGS	2336360	6/10/2010 6:00	EST	1.03	29	0
USGS	2336360	6/10/2010 6:15	EST	1.02	28	0
USGS	2336360	6/10/2010 6:30	EST	1.02	28	0
USGS	2336360	6/10/2010 6:45	EST	1.01	28	0
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USGS	2336360	6/10/2010 7:15	EST	1	27	0
USGS	2336360	6/10/2010 7:30	EST	0.99	26	0
USGS	2336360	6/10/2010 7:45	EST	0.99	26	0
USGS	2336360	6/10/2010 8:00	EST	0.98	25	0
USGS	2336360	6/10/2010 8:15	EST	0.97	25	0
USGS	2336360	6/10/2010 8:30	EST	0.97	25	0
USGS	2336360	6/10/2010 8:45	EST	0.96	24	0
USGS	2336360	6/10/2010 9:00	EST	0.96	24	0
USGS	2336360	6/10/2010 9:15	EST	0.96	24	0
USGS	2336360	6/10/2010 9:30	EST	0.95	23	0
USGS	2336360	6/10/2010 9:45	EST	0.94	23	0
USGS	2336360	6/10/2010 10:00	EST	0.94	23	0
USGS	2336360	6/10/2010 10:15	EST	0.94	23	0
USGS	2336360	6/10/2010 10:30	EST	0.93	22	0
USGS	2336360	6/10/2010 10:45	EST	0.93	22	0
USGS	2336360	6/10/2010 11:00	EST	0.92	22	0
USGS	2336360	6/10/2010 11:15	EST	0.93	22	0
USGS	2336360	6/10/2010 11:30	EST	0.92	22	0
USGS	2336360	6/10/2010 11:45	EST	0.92	22	0
USGS	2336360	6/10/2010 12:00	EST	0.91	21	0
USGS	2336360	6/10/2010 12:15	EST	0.91	21	0
USGS	2336360	6/10/2010 12:30	EST	0.9	20	0
USGS	2336360	6/10/2010 12:45	EST	0.9	20	0
USGS	2336360	6/10/2010 13:00	EST	0.89	20	0
USGS	2336360	6/10/2010 13:15	EST	0.89	20	0
USGS	2336360	6/10/2010 13:30	EST	0.89	20	0
USGS	2336360	6/10/2010 13:45	EST	0.88	19	0
USGS	2336360	6/10/2010 14:00	EST	0.88	19	0
USGS	2336360	6/10/2010 14:15	EST	0.88	19	0
USGS	2336360	6/10/2010 14:30	EST	0.88	19	0
USGS	2336360	6/10/2010 14:45	EST	0.88	19	0
USGS	2336360	6/10/2010 15:00	EST	0.91	21	0
USGS	2336360	6/10/2010 15:15	EST	0.96	24	0.01
USGS	2336360	6/10/2010 15:30	EST	1.14	38	0.01
USGS	2336360	6/10/2010 15:45	EST	1.2	44	0
USGS	2336360	6/10/2010 16:00	EST	1.23	47	0
USGS	2336360	6/10/2010 16:15	EST	1.24	48	0
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USGS	2336360	6/10/2010 17:30	EST	1.11	36	0
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USGS	2336360	6/10/2010 18:45	EST	1.17	42	0
USGS	2336360	6/10/2010 19:00	EST	1.15	39	0
USGS	2336360	6/10/2010 19:15	EST	1.13	38	0
USGS	2336360	6/10/2010 19:30	EST	1.11	36	0

USGS	2336360	6/10/2010 19:45	EST	1.09	34	0
USGS	2336360	6/10/2010 20:00	EST	1.07	33	0
USGS	2336360	6/10/2010 20:15	EST	1.05	30	0
USGS	2336360	6/10/2010 20:30	EST	1.04	30	0
USGS	2336360	6/10/2010 20:45	EST	1.03	29	0
USGS	2336360	6/10/2010 21:00	EST	1.02	28	0
USGS	2336360	6/10/2010 21:15	EST	1	27	0
USGS	2336360	6/10/2010 21:30	EST	1	27	0
USGS	2336360	6/10/2010 21:45	EST	0.99	26	0
USGS	2336360	6/10/2010 22:00	EST	0.98	25	0
USGS	2336360	6/10/2010 22:15	EST	0.97	25	0
USGS	2336360	6/10/2010 22:30	EST	0.96	24	0
USGS	2336360	6/10/2010 22:45	EST	0.95	23	0
USGS	2336360	6/10/2010 23:00	EST	0.95	23	0
USGS	2336360	6/10/2010 23:15	EST	0.94	23	0
USGS	2336360	6/10/2010 23:30	EST	0.93	22	0
USGS	2336360	6/10/2010 23:45	EST	0.93	22	0
USGS	2336360	6/11/2010 0:00	EST	0.92	22	0
USGS	2336360	6/11/2010 0:15	EST	0.91	21	0
USGS	2336360	6/11/2010 0:30	EST	0.91	21	0
USGS	2336360	6/11/2010 0:45	EST	0.9	20	0
USGS	2336360	6/11/2010 1:00	EST	0.9	20	0
USGS	2336360	6/11/2010 1:15	EST	0.89	20	0
USGS	2336360	6/11/2010 1:30	EST	0.89	20	0
USGS	2336360	6/11/2010 1:45	EST	0.89	20	0
USGS	2336360	6/11/2010 2:00	EST	0.88	19	0
USGS	2336360	6/11/2010 2:15	EST	0.88	19	0
USGS	2336360	6/11/2010 2:30	EST	0.87	19	0
USGS	2336360	6/11/2010 2:45	EST	0.87	19	0
USGS	2336360	6/11/2010 3:00	EST	0.87	19	0
USGS	2336360	6/11/2010 3:15	EST	0.87	19	0
USGS	2336360	6/11/2010 3:30	EST	0.87	19	0
USGS	2336360	6/11/2010 3:45	EST	0.86	18	0
USGS	2336360	6/11/2010 4:00	EST	0.86	18	0
USGS	2336360	6/11/2010 4:15	EST	0.86	18	0
USGS	2336360	6/11/2010 4:30	EST	0.85	17	0
USGS	2336360	6/11/2010 4:45	EST	0.85	17	0
USGS	2336360	6/11/2010 5:00	EST	0.85	17	0
USGS	2336360	6/11/2010 5:15	EST	0.85	17	0
USGS	2336360	6/11/2010 5:30	EST	0.84	17	0
USGS	2336360	6/11/2010 5:45	EST	0.84	17	0
USGS	2336360	6/11/2010 6:00	EST	0.84	17	0
USGS	2336360	6/11/2010 6:15	EST	0.84	17	0
USGS	2336360	6/11/2010 6:30	EST	0.83	16	0
USGS	2336360	6/11/2010 6:45	EST	0.84	17	0
USGS	2336360	6/11/2010 7:00	EST	0.83	16	0
USGS	2336360	6/11/2010 7:15	EST	0.83	16	0
USGS	2336360	6/11/2010 7:30	EST	0.83	16	0
USGS	2336360	6/11/2010 7:45	EST	0.83	16	0
USGS	2336360	6/11/2010 8:00	EST	0.83	16	0
USGS	2336360	6/11/2010 8:15	EST	0.83	16	0
USGS	2336360	6/11/2010 8:30	EST	0.83	16	0
USGS	2336360	6/11/2010 8:45	EST	0.82	16	0
USGS	2336360	6/11/2010 9:00	EST	0.82	16	0
USGS	2336360	6/11/2010 9:15	EST	0.82	16	0
USGS	2336360	6/11/2010 9:30	EST	0.82	16	0
USGS	2336360	6/11/2010 9:45	EST	0.82	16	0
USGS	2336360	6/11/2010 10:00	EST	0.81	15	0.01
USGS	2336360	6/11/2010 10:15	EST	0.82	16	0
USGS	2336360	6/11/2010 10:30	EST	0.82	16	0
USGS	2336360	6/11/2010 10:45	EST	0.81	15	0

USGS	2336360	6/11/2010 11:00	EST	0.81	15	0
USGS	2336360	6/11/2010 11:15	EST	0.81	15	0
USGS	2336360	6/11/2010 11:30	EST	0.81	15	0
USGS	2336360	6/11/2010 11:45	EST	0.81	15	0
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USGS	2336360	6/11/2010 12:15	EST	0.81	15	0.03
USGS	2336360	6/11/2010 12:30	EST	0.91	21	0.19
USGS	2336360	6/11/2010 12:45	EST	0.91	21	0
USGS	2336360	6/11/2010 13:00	EST	0.88	19	0
USGS	2336360	6/11/2010 13:15	EST	0.93	22	0
USGS	2336360	6/11/2010 13:30	EST	0.92	22	0
USGS	2336360	6/11/2010 13:45	EST	0.89	20	0
USGS	2336360	6/11/2010 14:00	EST	0.86	18	0
USGS	2336360	6/11/2010 14:15	EST	0.86	18	0
USGS	2336360	6/11/2010 14:30	EST	0.85	17	0
USGS	2336360	6/11/2010 14:45	EST	0.87	19	0
USGS	2336360	6/11/2010 15:00	EST	0.88	19	0
USGS	2336360	6/11/2010 15:15	EST	0.87	19	0
USGS	2336360	6/11/2010 15:30	EST	0.86	18	0
USGS	2336360	6/11/2010 15:45	EST	0.85	17	0
USGS	2336360	6/11/2010 16:00	EST	0.85	17	0
USGS	2336360	6/11/2010 16:15	EST	0.84	17	0
USGS	2336360	6/11/2010 16:30	EST	0.83	16	0
USGS	2336360	6/11/2010 16:45	EST	0.82	16	0
USGS	2336360	6/11/2010 17:00	EST	0.83	16	0
USGS	2336360	6/11/2010 17:15	EST	0.84	17	0
USGS	2336360	6/11/2010 17:30	EST	0.84	17	0
USGS	2336360	6/11/2010 17:45	EST	0.84	17	0
USGS	2336360	6/11/2010 18:00	EST	0.85	17	0
USGS	2336360	6/11/2010 18:15	EST	0.86	18	0
USGS	2336360	6/11/2010 18:30	EST	0.87	19	0
USGS	2336360	6/11/2010 18:45	EST	0.87	19	0
USGS	2336360	6/11/2010 19:00	EST	0.87	19	0
USGS	2336360	6/11/2010 19:15	EST	0.87	19	0
USGS	2336360	6/11/2010 19:30	EST	0.87	19	0
USGS	2336360	6/11/2010 19:45	EST	0.86	18	0
USGS	2336360	6/11/2010 20:00	EST	0.87	19	0
USGS	2336360	6/11/2010 20:15	EST	0.87	19	0
USGS	2336360	6/11/2010 20:30	EST	0.87	19	0
USGS	2336360	6/11/2010 20:45	EST	0.87	19	0
USGS	2336360	6/11/2010 21:00	EST	0.88	19	0
USGS	2336360	6/11/2010 21:15	EST	0.87	19	0
USGS	2336360	6/11/2010 21:30	EST	0.87	19	0
USGS	2336360	6/11/2010 21:45	EST	0.87	19	0
USGS	2336360	6/11/2010 22:00	EST	0.86	18	0
USGS	2336360	6/11/2010 22:15	EST	0.86	18	0
USGS	2336360	6/11/2010 22:30	EST	0.85	17	0
USGS	2336360	6/11/2010 22:45	EST	0.85	17	0
USGS	2336360	6/11/2010 23:00	EST	0.85	17	0
USGS	2336360	6/11/2010 23:15	EST	0.84	17	0
USGS	2336360	6/11/2010 23:30	EST	0.84	17	0
USGS	2336360	6/11/2010 23:45	EST	0.83	16	0
USGS	2336360	6/12/2010 0:00	EST	0.83	16	0
USGS	2336360	6/12/2010 0:15	EST	0.83	16	0
USGS	2336360	6/12/2010 0:30	EST	0.83	16	0
USGS	2336360	6/12/2010 0:45	EST	0.82	16	0
USGS	2336360	6/12/2010 1:00	EST	0.82	16	0
USGS	2336360	6/12/2010 1:15	EST	0.82	16	0
USGS	2336360	6/12/2010 1:30	EST	0.81	15	0
USGS	2336360	6/12/2010 1:45	EST	0.81	15	0
USGS	2336360	6/12/2010 2:00	EST	0.81	15	0

USGS	2336360	6/12/2010 2:15	EST	15	0
USGS	2336360	6/12/2010 2:30	EST	15	0
USGS	2336360	6/12/2010 2:45	EST	15	0
USGS	2336360	6/12/2010 3:00	EST	15	0
USGS	2336360	6/12/2010 3:15	EST	15	0
USGS	2336360	6/12/2010 3:30	EST	14	0
USGS	2336360	6/12/2010 3:45	EST	14	0
USGS	2336360	6/12/2010 4:00	EST	14	0
USGS	2336360	6/12/2010 4:15	EST	14	0
USGS	2336360	6/12/2010 4:30	EST	14	0
USGS	2336360	6/12/2010 4:45	EST	14	0
USGS	2336360	6/12/2010 5:00	EST	14	0
USGS	2336360	6/12/2010 5:15	EST	14	0
USGS	2336360	6/12/2010 5:30	EST	14	0
USGS	2336360	6/12/2010 5:45	EST	14	0
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USGS	2336360	6/12/2010 6:15	EST	14	0
USGS	2336360	6/12/2010 6:30	EST	14	0
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USGS	2336360	6/12/2010 7:00	EST	13	0
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USGS	2336360	6/12/2010 7:30	EST	14	0
USGS	2336360	6/12/2010 7:45	EST	14	0
USGS	2336360	6/12/2010 8:00	EST	13	0
USGS	2336360	6/12/2010 8:15	EST	13	0
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USGS	2336360	6/12/2010 9:00	EST	13	0
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USGS	2336360	6/12/2010 10:00	EST	13	0
USGS	2336360	6/12/2010 10:15	EST	13	0
USGS	2336360	6/12/2010 10:30	EST	13	0
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USGS	2336360	6/12/2010 11:15	EST	13	0
USGS	2336360	6/12/2010 11:30	EST	13	0
USGS	2336360	6/12/2010 11:45	EST	13	0
USGS	2336360	6/12/2010 12:00	EST	13	0
USGS	2336360	6/12/2010 12:15	EST	13	0
USGS	2336360	6/12/2010 12:30	EST	13	0
USGS	2336360	6/12/2010 12:45	EST	13	0
USGS	2336360	6/12/2010 13:00	EST	13	0
USGS	2336360	6/12/2010 13:15	EST	13	0
USGS	2336360	6/12/2010 13:30	EST	13	0
USGS	2336360	6/12/2010 13:45	EST	13	0
USGS	2336360	6/12/2010 14:00	EST	13	0
USGS	2336360	6/12/2010 14:15	EST	13	0
USGS	2336360	6/12/2010 14:30	EST	13	0
USGS	2336360	6/12/2010 14:45	EST	13	0
USGS	2336360	6/12/2010 15:00	EST	13	0
USGS	2336360	6/12/2010 15:15	EST	13	0
USGS	2336360	6/12/2010 15:30	EST	13	0
USGS	2336360	6/12/2010 15:45	EST	12	0
USGS	2336360	6/12/2010 16:00	EST	12	0
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Appendix D
EPD 2004 Site Inspection Memorandum

Georgia Department of Natural Resources
2 MLK, Jr., DR., S.E., Atlanta, Georgia 30334
Lonice C. Barrett, Commissioner
Environmental Protection Division
Carol A. Couch, PhD, Director
404/656-2833 404/656-7802

May 19, 2004

MEMORANDUM

TO: David Brownlee

THRU: Dave Yardumian

FROM: Bob Pierce

RE: Fashion Care/Executive Care Property Field Inspection Report.

Date of Inspection: May 19, 2004

Accompanied by: Martha Pierce

Arrived at the Fashion Care property at 9:30 AM. The property is located at 2211 Savoy Drive, Chamblee, Dekalb County, Georgia. The name on the facility is now Clothing Care Cleaners. The following bound the site:

North:	Savoy Drive
South:	Nancy Creek
East:	North Peachtree Road
West:	China Express and Mad Italian Restaurants plus various businesses.

Site Characteristics

The site had no fencing around it. The company building was surrounded by an asphalt-paved parking lot. The asphalt was observed to be in good condition with only some minor cracks. The monitoring wells in Figure 2 (Site Plan) were observed to be at the locations marked in the Figure. All wells were flush mount. The Shell Gas Station on the figure is now a Mobile Station and the Texaco Gas Station is now a Shell Station.

Residential Property

The property is surrounded predominately by businesses and no residential property was observed within 300 feet of the site.

Nearest Well

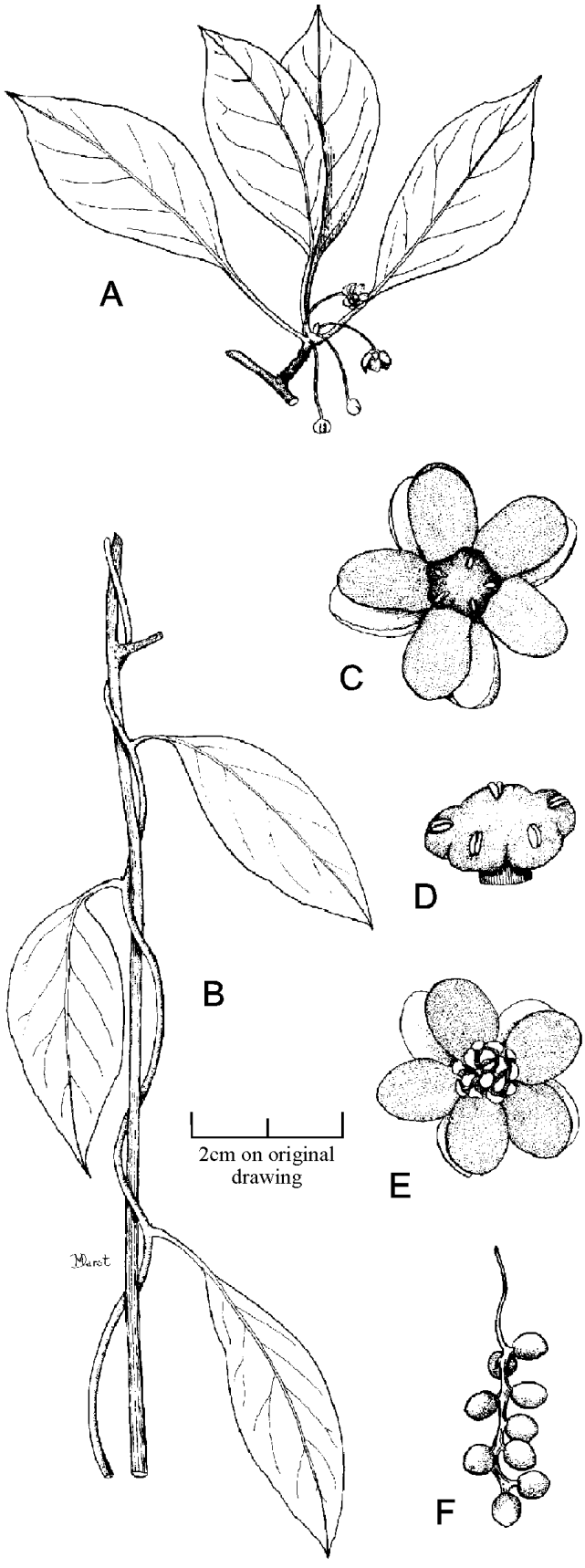
A well survey revealed no well within 3 miles of the site. This area of north Dekalb County and adjacent Fulton County is highly developed with new strip malls, full size shopping malls (e.g., Perimeter Mall), high density and high-end homes, medical facilities (e.g., St Joseph's Medical Center), churches, schools and other new development. We conducted a house-to-house well survey in the vicinity of the reported J.S. Wooten domestic well location near the intersection of Tilly Mill and Womack Roads but could find no trace of it. Most of this area is occupied by Georgia Perimeter College (Dunwoody Campus), a private school (The Weber School) and new construction. We spoke with a Dekalb County building inspector working in the area and she knew of no wells in the area. We all concluded that if there had been a well in the area it had been removed by development. The inspector stated that all residences in the area were on Dekalb County water.

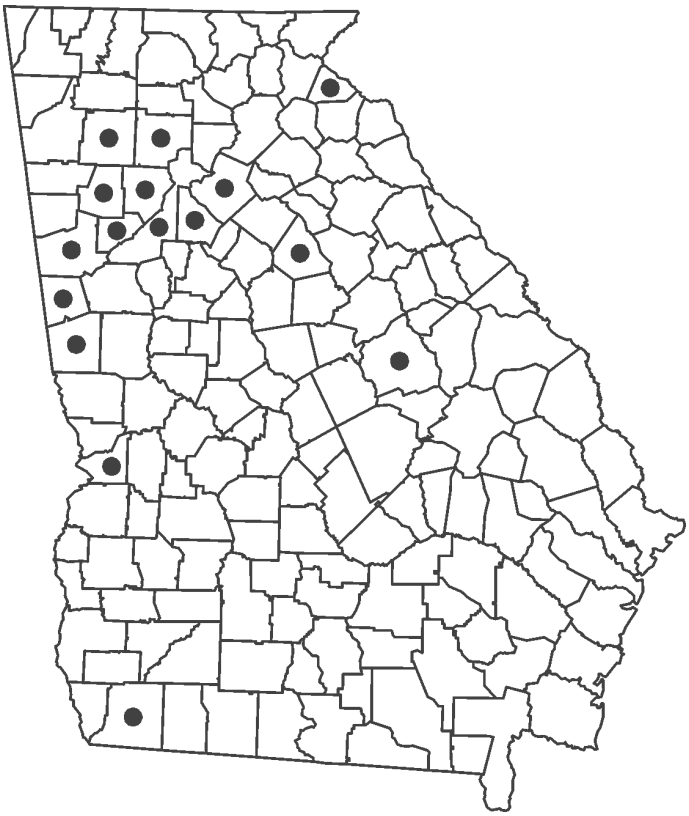
Appendix E
Threatened Species Information

Schisandra glabra (Brickell) Rehder

Bay Star-vine, Climbing Magnolia, Wild Sarsaparilla

Star-vine Family, SCHISANDRACEAE





LEGAL STATUS:
State: THREATENED
Federal: None

SYNONYMY:
Schisandra coccinea Michaux

RANGE: Scattered in the Southeast: on the Coastal Plain from the Mississippi Embayment in Arkansas and Tennessee, south to Louisiana and east to northeastern North Carolina; on the Piedmont Plateau of Georgia; and disjunct on the Cumberland Plateau of southcentral Kentucky. Recorded from 16 counties in Georgia (see map).

ILLUSTRATION: (A) flowering shoot, 0.5x; (B) portion of vine, 0.5x; note twining stem without tendrils; (C) male flower, 4x; (D) stamens, fused into a pentagonal shield, 8x; (E) female flower, 4x; (F) cluster of fruits, as formed from a single flower, 0.8x. Source: Godfrey (1988), drawn by Melanie Darst and used with permission.

DESCRIPTION: Deciduous, woody vine. *Schisandra glabra* has stems to 3 cm thick, twining up to the crowns of trees or trailing along the ground. Sometimes large clumps of leaves form a ground cover, resembling a sprawling Virginia creeper or woodbine (*Parthenocissus quinquefolia*). The leaves are up to 15 cm long and 6 cm wide, ovate to elliptic, with sparsely toothed margins, and

are sweet-smelling when crushed. The leaves are alternate, but are close together on the slower growing secondary branchlets ("spur shoots"). Both male and female flowers occur on the same plant (monoecious), and droop on long, delicate flower stalks arising from the leaf axils of mature vines (see illustration). The 9-12 petals are 5-8 mm long, greenish outside and crimson-colored within. The fruit is an aggregate of red berries on an axis that elongates during ripening (see illustration). **Flowering period**: May to June; **fruiting period**: July to August. **Best search time**: from late spring to middle summer, since leaves tend to fall early.

HABITAT: Found twining over understory trees and shrubs in rich, forested bottomlands and adjacent lower slopes; sometimes older vines occur on trunks of overstory trees, or sprawl along the ground forming patches rooted in the litter, especially near mountain laurel (*Kalmia latifolia*) thickets.

SPECIAL IDENTIFICATION FEATURES: Bay star-vine can easily be confused with climbing hydrangea (*Decumaria barbara*), a quite common vine. The difference between the two is that *D. barbara* has opposite leaves and climbs by means of aerial roots, while *S. glabra* has alternate leaves and climbs only by twining. Both vines occupy similar habitats. The flowers of climbing hydrangea are showy, white, and in flat-topped clusters. In contrast, the flowers of bay star-vine are inconspicuous, maroon, and either solitary or in loose clusters.

MANAGEMENT RECOMMENDATIONS: Avoid disturbance. At most this species will tolerate only hand thinning of trees in its immediate vicinity, and only if done carefully. Control exotic weeds, especially Japanese honeysuckle.

REMARKS: John Brickell, a physician and amateur botanist, described this species in 1803, based upon collections from near Savannah, where he lived, and from Beaufort, South Carolina. Like croomia (*Croomia pauciflora*), twinleaf (*Jeffersonia diphylla*), and Oconee bells (*Shortia galacifolia*), the closest living relatives of this species are found in Asia. *Schisandra* and, for example, *Illicium*, *Isoetes*, and *Torreya* are described by many as "primitive" because they share some significant characteristics with fossil forms that are many millions of years old. Others dislike such terms as "primitive" (or "lower plants" for ferns, mosses, etc.), feeling that these labels have some negative connotations. After all, plants such as these have demonstrated a perfection of adaptation that has enabled them to survive through eons when many evolutionary innovations have been tried and found wanting! *Schisandra glabra* is rare throughout its range and has sustained significant habitat loss due to clearing of hardwood forest for conversion to agricultural land or pine plantation.

SELECTED REFERENCES

Duncan, W. H. 1975. Woody Vines of the Southeastern United States. University of Georgia Press, Athens. 76 pp.

Ettman, D. 1980. A study of *Schisandra glabra* (Brickell) Rehder, a rare species endemic to the southeastern United States. Unpublished M.S. thesis, Emory University, Atlanta, Georgia. 134 pp.

Godfrey, R. K. 1988. Trees, Shrubs, and Woody Vines of Northern Florida and Adjacent Georgia and Alabama. University of Georgia Press, Athens. 734 pp.

Kral, R. 1983. A report on some rare, threatened, or endangered forest-related vascular plants of the South. Technical Publication R8-TP2. United States Forest Service, Atlanta, Georgia. 1305 pp.

Radford, A. E., H. E. Ahles, and C. R. Bell. 1968. Manual of the Vascular Flora of the Carolinas. University of North Carolina Press, Chapel Hill. 1183 pp.

Stone, D. E. 1968. Cytological and morphological notes on the southeastern endemic *Schisandra glabra* (Schisandraceae). Journal of the Elisha Mitchell Scientific Society 84:351-356.

Taylor, D. D. 1994. *Schisandra glabra* (Schisandraceae) new to Kentucky. Sida 16:213-214.

Wood, C. E., Jr. 1958. The genera of the woody Ranales in the southeastern United States. Journal of the Arnold Arboretum 39:296-346.

Appendix F
Draft Environmental Covenants

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:
The Trust of John F. Rowan, Sr.
Mrs. Catherine Norris, Representative
P.O. Box 82
Rancho Santa Fe, CA 92067

Grantee/Holder:
<Company Name or individual(s)>
<Mailing address>

Grantee/Entity with express power to enforce:
State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower
Atlanta, GA 30334

Parties with interest in the Property:
<Company Name or individual(s)>
<Mailing address>

Property:

The property subject to this Environmental Covenant is the Fashion Care/Executive Care Tract (hereinafter "Property"), located at 2211 Savoy Drive in Chamblee, DeKalb County, Georgia. This tract of land was conveyed on November 7, 2003 from Business Associates, Inc., a Georgia Corporation to John F. Rowan recorded in Deed Book 15562, Page 660, DeKalb County Records. The area is located in Land Lot 343 of the 18th District of DeKalb County, Georgia. The property consists of approximately 0.61 acres of property developed with a single, one-story building that contains a drycleaner on the west side and a restaurant on the east side. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

18-343-13-002 of DeKalb County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following document[s]:

- Georgia Environmental Protection Division (EPD) Voluntary Remediation Program (VRP) Application/Corrective Action Plan (CAP) for the Fashion Care/Executive Care Site, HSI #10786

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by the Trust of John F. Rowan, Sr., its successors and assigns, <name of Grantee/Holder>, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, and Trichloroethene in soil and groundwater, and trans- 1, 2-Dichloroethene in soil occurred on the Property. Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, Trichloroethene and trans- 1, 2-Dichloroethene (collectively, "Constituents of Concern, or "COI") are "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). The Corrective Action consists of the installation and maintenance of engineering controls (a vapor collection system will be installed beneath the existing building) and institutional controls (limit use to non-residential activities) to protect human health and the environment.

Grantor, the Trust of John F. Rowan, Sr. (hereinafter "Trust"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the <name of Holder> and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

The Trust makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land,

pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of <name of Holder>, EPD, Trust and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, <name of Holder> or its successors and assigns, the Trust or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work that would affect the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Periodic Reporting. Annually, by no later than <date> following the effective date of this Environmental Covenant, the Owner shall submit to EPD an Annual Report as specified in the EPD approved Point of Compliance Monitoring Plan including: groundwater detection-monitoring report results, maintenance and inspection activities, certification of non-residential use of the Property, and documentation stating whether or not the activity and use limitations in this Environmental Covenant are being abided by.

5. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the DeKalb County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. A vapor barrier shall be installed and maintained prior to and during the construction of any enclosed structures until COI in groundwater at the Property reach HSRA residential risk reduction standards.

6. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited, unless COI are treated to below HSRA residential risk reduction standards.

7. Permanent Markers. Permanent markers on each side of the Property shall be installed and maintained that delineate the restricted area as specified in Section 391-3-19-.07(10) of the Rules. Disturbance or removal of such markers is prohibited.

8. Right of Access. In addition to any rights already possessed by EPD and/or the <name of Holder>, the Owner shall allow authorized representatives of EPD and/or <name of Holder> the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect the Corrective Action conducted at the Property, to determine compliance with this Environmental Covenant, and to inspect records that are related to the Corrective Action.

9. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) <name of Holder>, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

10. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

11. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

12. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 10 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

<name and mailing address of Holder>

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 20___.

The Trust of John F. Rowan, Sr.

_____
[Name of Signatory]
[Title]

Dated: _____

<NAME OF HOLDER>

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

STATE OF GEORGIA
ENVIRONMENTAL PROTECTION DIVISION

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

[INDIVIDUAL ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, and acknowledged that **he/she** is the individual described herein and who executed the within and foregoing instrument and signed the same at **his/her** free and voluntary act and deed for the uses and purposes therein mentioned.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[CORPORATE ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** is the _____ of the corporation that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that **he/she** was authorized to execute said instrument for said corporation.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[REPRESENTATIVE ACKNOWLEDGEMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** signed this instrument, on oath stated that **he/she** was authorized to execute this instrument, and acknowledged it as the _____ [type of authority] of _____ [name of party being represented] to be the free and voluntary act and deed of such party for the uses and purposes mentioned in the instrument.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires _____.

Exhibit A
Legal Description

All that tract or parcel of land lying and being in Land Lot 343 of the 18th District of DeKalb County, Georgia and being more particularly described as follows: Beginning at an iron pin on the westerly line of the right of way of North Peachtree Road (which line is 35 feet westerly from the center line of said road) and on the line dividing Land Lots 343 and 334; and running thence along said Land Lot line South, 89 degrees 53 minutes West, 213 feet to an iron pin; thence North 22 degrees 15 minutes West, 158.85 feet to an iron pin; thence North 15 degrees 11 minutes East, 120 feet to an iron pin on the southerly line of the right of way of I-285; thence South 74 degrees 49 minutes East along the southerly right of way of I-285, 100 feet to an iron pin; thence South 15 degrees 11 minutes West, 990 feet to an iron pin; thence South 23 degrees 25 minutes 30 seconds East, 111.6 feet to an iron pin; thence South 60 degrees 44 minutes East, 60 feet to an iron pin; thence North 89 degrees 53 minutes East, 75 feet to an iron pin on the westerly right of way of North Peachtree Road; thence along said right of way South 9 degrees 17 minutes 30 seconds West, 18 feet to the POINT OF BEGINNING. According to a Plat by Earnest L. Boggus dated June 14, 1968, revised April 10, 1969, revised May 8, 1970. Subject to covenants, easements and restrictions of record and to utility easements.

This is the same property conveyed by Business Associates, Inc. to CJH Capital Corporation by Warranty Deed dated September 21, 1987, recorded in Deed Book 5954, page 189, Clerk's Office, DeKalb County Superior Court.

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor: ASL Limited Partnership
1515 S. Federal Hwy. 300
Boca Raton, FL 33432-7451

Grantee/Holder: <Company Name or individual(s)>
<Mailing address>

Grantee/Entity with express power to enforce: State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower
Atlanta, GA 30334

Parties with interest in the Property: <Company Name or individual(s)>
<Mailing address>

Property:

The property subject to this Environmental Covenant is the ASL Limited Partnership Tract (hereinafter "Property"), located on the 4200 – 4300 Block of North Shallowford Road, in Chamblee, DeKalb County, Georgia. This tract of land was conveyed on _____ from ____ to ____ recorded in Deed Book ___, Page ___, DeKalb County Records. The area is located in Land Lot 334 of the 18th District of DeKalb County, Georgia. The property consists of approximately --- acres of undeveloped property. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

18-333-02-023 of DeKalb County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following document:

- Georgia Environmental Protection Division (EPD) Voluntary Remediation Program (VRP) Application/Corrective Action Plan (CAP) for the Fashion Care/Executive Care Site, HSI #10786

This document is available at the following location:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by ASL Limited Partnership, its successors and assigns, <name of Grantee/Holder>, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, and Trichloroethene in soil and groundwater, and trans- 1, 2-Dichloroethene in soil occurred on the Property. Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, Trichloroethene and trans- 1, 2-Dichloroethene (collectively, "Constituents of Concern," or "COI") are "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). The Corrective Action consists of institutional controls (limit use to non-residential activities) to protect human health and the environment.

Grantor, ASL Limited Partnership (hereinafter "ASL"), hereby binds Grantor, its successors and assigns to the activity and use restrictions for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the <name of Holder> and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

ASL makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land,

pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of <name of Holder>, EPD, ASL and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, <name of Holder> or its successors and assigns, ASL or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work that would affect the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the DeKalb County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. A vapor barrier shall be installed and maintained prior to and during the construction of any enclosed structures until COI in groundwater at the Property reach HSRA residential risk reduction standards.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited, unless COI are treated to below HSRA residential risk reduction standards.

6. Permanent Markers. Permanent markers on each side of the Property shall be installed and maintained that delineate the restricted area as specified in Section 391-3-19-.07(10) of the Rules. Disturbance or removal of such markers is prohibited.

7. Right of Access. In addition to any rights already possessed by EPD and/or the <name of Holder>, the Owner shall allow authorized representatives of EPD and/or <name of Holder> the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect the Corrective Action conducted at the Property, to determine compliance with this Environmental Covenant, and to inspect records that are related to the Corrective Action.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) <name of Holder>, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 10 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or

other law regulating use of the Property; and

g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

<name and mailing address of Holder>

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 20___.

ASL Limited Partnership

_____
[Name of Signatory]
[Title]

Dated: _____

<NAME OF HOLDER>

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

STATE OF GEORGIA
ENVIRONMENTAL PROTECTION DIVISION

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

[INDIVIDUAL ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, and acknowledged that **he/she** is the individual described herein and who executed the within and foregoing instrument and signed the same at **his/her** free and voluntary act and deed for the uses and purposes therein mentioned.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[CORPORATE ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** is the _____ of the corporation that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that **he/she** was authorized to execute said instrument for said corporation.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[REPRESENTATIVE ACKNOWLEDGEMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** signed this instrument, on oath stated that **he/she** was authorized to execute this instrument, and acknowledged it as the _____ [type of authority] of _____ [name of party being represented] to be the free and voluntary act and deed of such party for the uses and purposes mentioned in the instrument.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires _____.

Exhibit A
Legal Description

[to be provided by ASL Limited Partnership]

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor: Georgia-Alabama Commercial Investments, LLC
2875 University Parkway
Lawrenceville, Georgia 30043

Grantee/Holder: <Company Name or individual(s)>
<Mailing address>

Grantee/Entity with express power to enforce: State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower
Atlanta, GA 30334

Parties with interest in the Property: <Company Name or individual(s)>
<Mailing address>

Property:

The property subject to this Environmental Covenant is the EZ Serv Tract (hereinafter "Property"), located at 4308 North Peachtree Road, in Chamblee, DeKalb County, Georgia. This tract of land was conveyed on _____ from ____ to ____ recorded in Deed Book ___, Page ___, DeKalb County Records. The area is located in Land Lot 343 of the 18th District of DeKalb County, Georgia. The property consists of approximately --- acres of property developed with an EZ Serve gasoline service station. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

18-343-13-001 of DeKalb County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following document:

- Georgia Environmental Protection Division (EPD) Voluntary Remediation Program (VRP) Application/Corrective Action Plan (CAP) for the Fashion Care/Executive Care Site, HSI #10786

This document is available at the following location:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by Georgia-Alabama Commercial Investments, LLC, its successors and assigns, <name of Grantee/Holder>, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, and Trichloroethene in soil and groundwater, and trans- 1, 2-Dichloroethene in soil occurred on the Property. Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, Trichloroethene and trans- 1, 2-Dichloroethene (collectively, "Constituents of Concern," or "COI") are "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). The Corrective Action consists of institutional controls (limit use to non-residential activities) to protect human health and the environment.

Grantor, Georgia-Alabama Commercial Investments, LLC (hereinafter "GACI"), hereby binds Grantor, its successors and assigns to the activity and use restrictions for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the <name of Holder> and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

GACI makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land,

pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of <name of Holder>, EPD, GACI and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, <name of Holder> or its successors and assigns, GACI or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work that would affect the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Activity and Use Limitation(s). The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the DeKalb County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. A vapor barrier shall be installed and maintained prior to and during the construction of any enclosed structures until COI in groundwater at the Property reach HSRA residential risk reduction standards.

5. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited, unless COI are treated to below HSRA residential risk reduction standards.

6. Permanent Markers. Permanent markers on each side of the Property shall be installed and maintained that delineate the restricted area as specified in Section 391-3-19-.07(10) of the Rules. Disturbance or removal of such markers is prohibited.

7. Right of Access. In addition to any rights already possessed by EPD and/or the <name of Holder>, the Owner shall allow authorized representatives of EPD and/or <name of Holder> the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect the Corrective Action conducted at the Property, to determine compliance with this Environmental Covenant, and to inspect records that are related to the Corrective Action.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) <name of Holder>, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 10 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or

other law regulating use of the Property; and

g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

<name and mailing address of Holder>

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 20___.

Georgia-Alabama Commercial Investments, LLC

_____
[Name of Signatory]
[Title]

Dated: _____

<NAME OF HOLDER>

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

STATE OF GEORGIA
ENVIRONMENTAL PROTECTION DIVISION

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

[INDIVIDUAL ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, and acknowledged that **he/she** is the individual described herein and who executed the within and foregoing instrument and signed the same at **his/her** free and voluntary act and deed for the uses and purposes therein mentioned.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[CORPORATE ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** is the _____ of the corporation that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that **he/she** was authorized to execute said instrument for said corporation.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[REPRESENTATIVE ACKNOWLEDGEMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** signed this instrument, on oath stated that **he/she** was authorized to execute this instrument, and acknowledged it as the _____ [type of authority] of _____ [name of party being represented] to be the free and voluntary act and deed of such party for the uses and purposes mentioned in the instrument.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires _____.

Exhibit A
Legal Description

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 343 of the 18th District, DeKalb County, Georgia, according to an ALTA/ACSM Land Title Survey for Metro Atlanta Commercial Properties, LLC, Fidelity National Bank and Lawyers Title Insurance Corporation prepared by Busbee Land Surveying Co., Inc. by Ricky C. Busbee (G.R.L.S., No. 2497), dated December 14, 1997, as last revised March 21, 2003, and being more particularly described according to said survey as follows:

BEGINNING at a point marked by an one-half inch rebar found located on the westerly right-of-way line of North Peachtree Road (70' R/W), said point being located 18.00 feet in a generally northeasterly direction along said right-of-way line of North Peachtree Road from its intersection with the Land Lot Line common to Land Lots 334 and 343, leaving the aforesaid right-of-way line of North Peachtree Road, run thence South 89 degrees 53 minutes 00 seconds West a distance of 75.00 feet to a one-half inch rebar found; run thence North 60 degrees 44 minutes 00 seconds West a distance of 60.00 feet to a one-half inch rebar found; run thence North 23 degrees 25 minutes 30 seconds West a distance 111.60 feet to an iron pin placed; run thence North 15 degrees 11 minutes 06 seconds East a distance of 90.00 feet to a point located on the southwesterly right-of-way line of I-285 Access Road Circumferential Highway (R/W Varies); run thence along the aforesaid right-of-way line South 74 degrees 49 minutes 00 seconds East a distance of 112.00 feet to an iron pin placed located at the northwesternmost point of a mitered intersection oft the aforesaid right-of-way line of I-285 Access Road Circumferential Highway and the aforesaid westerly right-of-way line of North Peachtree Road; run thence along said miter South 23 degrees 23 minutes 55 seconds East a distance of 129.70 feet to a point marked by an iron pin placed, said point being the southeasternmost point of the aforesaid mitered intersection and being located on the aforesaid right-of-way line of North Peachtree Road; run thence along the aforesaid right-of-way line South 09 degrees 17 minutes 30 seconds West a distance of 71.00 feet to a point marked by a one-half inch rebar found, said point being the true place or point of BEGINNING.

After Recording Return to:

Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King, Jr. Drive, SE
Suite 1462 East
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor: Southern Automatic Company
4420 Tree Haven Drive, N.E.
Atlanta, Georgia 30342-3426

Grantee/Holder: <Company Name or individual(s)>
<Mailing address>

Grantee/Entity with express power to enforce: State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1152 East Tower
Atlanta, GA 30334

Parties with interest in the Property: <Company Name or individual(s)>
<Mailing address>

Property:

The property subject to this Environmental Covenant is the Southern Automatic Company N. Peachtree Tract (hereinafter "Property"), located at 4306 N. Peachtree Road, in Chamblee, DeKalb County, Georgia. This tract of land was conveyed on _____ from ____ to ____ recorded in Deed Book ___, Page ___, DeKalb County Records. The area is located in Land Lot 343 of the 18th District of DeKalb County, Georgia. The property consists of approximately 0.51 acres of property developed with a single, one-story building that contains a dentist office, a beauty shop, and other retail stores. A complete legal description of the area is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

18-343-13-005 of DeKalb County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following document:

- Georgia Environmental Protection Division (EPD) Voluntary Remediation Program (VRP) Application/Corrective Action Plan (CAP) for the Fashion Care/Executive Care Site, HSI #10786

This document is available at the following location:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1462 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by Southern Automatic Company, its successors and assigns, <name of Grantee/Holder>, and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because a release of Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, and Trichloroethene in soil and groundwater, and trans- 1, 2-Dichloroethene in soil occurred on the Property. Vinyl chloride, Dichloroethylene, N.O.S., Tetrachloroethene, Trichloroethene and trans- 1, 2-Dichloroethene are "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). The Corrective Action consists of institutional controls (limit use to non-residential activities) to protect human health and the environment.

Grantor, Southern Automatic Company (hereinafter "Southern Automatic"), hereby binds Grantor, its successors and assigns to the activity and use restrictions for the Property identified herein and grants such other rights under this Environmental Covenant in favor of the <name of Holder> and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

Southern Automatic makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run

with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of <name of Holder>, EPD, Southern Automatic and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, <name of Holder> or its successors and assigns, Southern Automatic or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) day advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) day advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work that would affect the Property.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited, unless COI are treated to below HSRA residential risk reduction standards.

5. Permanent Markers. Permanent markers on each side of the Property shall be installed and maintained that delineate the restricted area as specified in Section 391-3-19-.07(10) of the Rules. Disturbance or removal of such markers is prohibited.

6. Right of Access. In addition to any rights already possessed by EPD and/or the <name of Holder>, the Owner shall allow authorized representatives of EPD and/or <name of Holder> the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect the Corrective Action conducted at the Property, to determine compliance with this Environmental Covenant, and to inspect records that are related to the Corrective Action.

7. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) <name of Holder>, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

8. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the Type 1, 2, 3, or 4 Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 and removes the Property from the Hazardous Site Inventory, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

9. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

10. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 10 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1154 East Tower
Atlanta, GA 30334

<name and mailing address of Holder>

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 20___.

Southern Automatic Company

_____
[Name of Signatory]
[Title]

Dated: _____

<NAME OF HOLDER>

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

STATE OF GEORGIA
ENVIRONMENTAL PROTECTION DIVISION

_____
[Name of Person Acknowledging Receipt]
[Title]

Dated: _____

[INDIVIDUAL ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, and acknowledged that **he/she** is the individual described herein and who executed the within and foregoing instrument and signed the same at **his/her** free and voluntary act and deed for the uses and purposes therein mentioned.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[CORPORATE ACKNOWLEDGMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** is the _____ of the corporation that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that **he/she** was authorized to execute said instrument for said corporation.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires_____.

[REPRESENTATIVE ACKNOWLEDGEMENT]

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20__, I certify that _____ personally appeared before me, acknowledged that **he/she** signed this instrument, on oath stated that **he/she** was authorized to execute this instrument, and acknowledged it as the _____ [type of authority] of _____ [name of party being represented] to be the free and voluntary act and deed of such party for the uses and purposes mentioned in the instrument.

_____
Notary Public in and for the State of
Georgia, residing at _____.
My appointment expires _____.

Exhibit A
Legal Description

[to be provided by Southern Automatic Company]