Voluntary Remediation Program Revised Compliance Status Report
Former Vogue Cleaners
Columbia Square Shopping Center
Martinez, Columbia County, Georgia
HSI No. 10394

Submitted to:

Georgia Environmental Protection Division
Response and Remediation Program
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Atlanta, Georgia 30334

Prepared for:

The AXA Equitable Life Insurance Company

c/o Quadrant Real Estate Advisors
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Prepared by

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EXECUTIVE SUMMARY

On behalf of The AXA Equitable Life Insurance Company, Genesis Project, Inc. has prepared this Voluntary Remediation Program - Revised Compliance Status Report (CSR) for the former Vogue Dry Cleaning operation located within the Columbia Square Shopping Center – Phase II (Property). The Property is located at 4018 Washington Road, in Martinez, Columbia County, Georgia as described in Appendix A (the "Property") and within land parcel number *079/087*.

The property was placed on the State of Georgia, Hazardous Sites Inventory due to a release of tetrachloroethene to the environment. Over a period of 15 years, extensive assessment and remediation activities have been conducted at the Property to mitigate any risk to human health and the environment. These actions have included soil excavation, chemical treatment, dual-phase extraction events, air sparging of groundwater and soil vapor extraction within the vadose zone, which has resulted in a dramatic reduction of tetrachloroethene and associated chemicals at the Property.

The purpose of this report is to satisfy the requirements of the Georgia Voluntary Remediation Program (VRP). The objectives and findings of this VRP-CSR are summarized below:

- Investigation and remediation activities, including but not limited to the development of exposure scenarios and site-specific cleanup standards, were developed based on the optional standards and policies set forth in section 12-8-108 of the State of Georgia Voluntary Remediation Program Act.
- All soil sample analysis results collected from the Property are less than the calculated Voluntary Remediation Program (VRP) Cleanup Standards for on-site soil as well as Type 1 Risk Reduction Standards under HSRA. As a result, exposure to soil is an incomplete pathway.
- A Uniform Environmental Covenant (UEC) is proposed for this parcel to eliminate the possibility that future site use and potential exposure to on-site groundwater would lead to any exposure risk to human health and the environment.
- Based on the results from the 2015 groundwater-sampling events, the level in one (1) monitor well (MW-8R) exceeds the Source Area Concentration Criteria (SACC). However, this exceedance is localized to this area only and not considered a source that would result in contaminant migration to the point of demonstration. All results at the point of demonstration are below detection level. With the execution of the UEC exposure to groundwater is an incomplete pathway.

Based on the information provided, Genesis Project requests approval of the Revised CSR.

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Based on the information provided, Genesis Project requests approval of the Revised CSR.

CERTIFICATION OF COMPLIANCE

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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.

Based on my review of the findings of this report, I have determined that former Vogue Cleaners previously located in the Columbia Square Shopping Center – Phase II (Tax Parcel ID *Map J 10, Parcel 079/087)* is in compliance with the Voluntary Remediation Program (VRP) cleanup standards developed for soil and groundwater as set forth in section 12-8-108 of the State of Georgia, Voluntary Remediation Program Act.

Walter R Huggins 4/28/15

Signature Date

Walter Huggins
Investment Officer
AXA Equitable Life Insurance Company
c/o Quadrant Real Estate Advisors
12735 Morris Rd, Suite 100
Alpharetta, GA 30004

Registered Professional Geologist Certification

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport.

I further certify that this Voluntary Remediation Program - Compliance Status Report for Hazardous Site Inventory Site No. 10394 was prepared by me or by a subordinate working under my direction.

Name: Mark D. Mitchell, P. G.

Signature: MDM

Date: 04/28/2015

Georgia Stamp or Seal

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1 INTRODUCTION

On behalf of AXA Equitable Life Insurance Company, Genesis Project, Inc. has prepared this Revised CSRfor the Property located at 4018 Washington Road, Martinez, Columbia County, Georgia. The purpose of this report is to satisfy the criteria of the State of Georgia, Voluntary Remediation Program Act and obtain a de-listing of this Property from the State of Georgia Hazardous Sites Inventory under the Hazardous Sites Response Act. This Revised CSR includes:

- A general description of site background and site characteristics;
- Presentation of the Conceptual Site Model and Exposure Pathways Analysis;
- A summary of the site soil and groundwater investigations; and
- Applicable VRP Cleanup Criteria calculations.

Each of these investigation and remediation activities, including but not limited to the development of exposure scenarios and site-specific cleanup standards, were developed based on the optional standards and policies set forth in section 12-8-108 of the State of Georgia Voluntary Remediation Program Act.

2 SITE BACKGROUND

The former Vogue Cleaners facility is located in the Columbia Square Shopping Center – Phase II in Martinez, Columbia County, Georgia (Figure 1). The site is currently listed on the Georgia Hazardous Site Inventory (HSI No.10394), pursuant to the Hazardous Site Response Act (HSRA) program administered by the Georgia Environmental Protection Division (GAEPD), due to a release of tetrachloroethene (PCE) along with its associated degradation products (constituents of concern [COCs]). Several investigations were conducted and a HSRA Compliance Status Report was submitted to GAEPD in April 1999.

The AXA Equitable Life Insurance Company (formerly known as The Equitable Life Assurance Society of the United States) sold the Property on September 14, 2001, retaining the right of access and with express permission for performance of corrective action.

In February 2007, Genesis Project Inc. submitted to GAEPD a Corrective Action Plan Addendum, which presented the results of a pilot test and recommended the use of ART technology as an appropriate remedial alternative. The approved ART remediation technology was fully implemented in October 2007.

On March 21, 2011, the GAEPD approved an application for this Property to enter into the Voluntary Remediation Program (VRP). Upon acceptance into the program, additional investigation and remediation activities were conducted at the Property until it was determined that conditions met the exposure scenarios and site-specific cleanup standards developed for the Property.

2.1 Property Description

The Property is located at 4018 Washington Road, Martinez, Georgia, and consists of a single story building constructed with steel beams, brick and concrete block on a concrete slab. Comprised of 4.14 acres land, the parcel is located within Tax Parcel *Map J 10, Parcel 079/087.* The building is subdivided into several spaces leased by a variety of businesses. Vogue Cleaners was formerly located near the north end of the building (Figure 2). The Plat Map and Warranty Deed are included in Appendix A.

The current tenant of the space occupied by the former Vogue Cleaners is now Quest Church. The church uses the space on Sundays and periodically during the week for meetings and gathering areas.

2.2 Surrounding Land Use

The Property is located in a commercial area and the surrounding area is comprised of:

- To the North – Commercial businesses, including the Monterrey Mexican Restaurant and Washington Road;
- To the East - Commercial businesses, including the Columbia Car Care Center (HSI No. 10394);
- To the South – Columbia Square Shopping Center (current tenants are Cici's Pizza, Hair Obsession Portman's Music and Kings Crown Barber);
- To the West – Gerald Jones Automobile Dealerships.

2.3 Site History of Land Use and Operations

Vogue Cleaners performed dry cleaning operations at the Property from 1976 until September 1996. The store continued to operate as a drop-off and pick-up location until December 1997. The dry-cleaning equipment was removed from the building sometime after June of 1997.

Since that time, a variety of commercial tenants have occupied the former Vogue Cleaners space. At this time, the Quest Church leases the space.

2.4 Source of Contamination

The source of the soil and groundwater contamination originated from the operation of Vogue Cleaners, a dry-cleaning facility formerly located at Columbia Square Shopping Center Phase II (Figure 2). The release originated from fluids (tetrachloroethene [PCE]) contained within storage containers and equipment used within the premises of the former Vogue Cleaners dry-cleaning facility. This resulted in the identification of three (3) constituents of concern (COCs):

- Tetrachloroethene CAS# 127-18-4
- Trichloroethene CAS# 79-01-6
- Cis 1,2-Dichloroethene CAS# 156-59-2

This conceptual site model is based on the results of shallow soil sampling, which confirms that the source of the impacts occurred immediately beneath the dry-cleaning equipment at the former Vogue Cleaners. There is no data to suggest that disposal of the source materials occurred outside of the confines of the facility.

2.5 Historic Corrective Action

Remedial activities have been ongoing at this site since May 2000. These activities have included the implementation of soil remediation by excavation as well as active soil and groundwater remediation using chemical injection as well as air sparge and soil vapor extraction (SVE) via the use of ART™ remedial technology. A summary of these activities is as follows:

- **2000**: Williams Environmental Services initiated soil removal activities for the Former Vogue Cleaners facility. A total of 183.8 tons of soil and concrete were removed from areas within and around the former Vogue Cleaners facility.
- **2002 - 2006**: Two (2) firms, Williams Environmental Services and URS Corporation conducted corrective action activities, which included chemical injection of hydrogen release compound (HRC™) into the subsurface. The activities included both a pilot test and implementation of full-scale injections.
- **2007 – 2012**: Genesis Project submitted a Corrective Action Plan Addendum for the implementation of ART™ Technology at the site. After entering the VRP in 2011, soil vapor sampling was conducted in the interior of the building, and a soil vapor extraction system was installed within the building at the end of 2011. The ART™ / SVE system operated at the site until August 2013.
- **2012-2013**: Genesis Project conducted interim corrective actions due to PCE concentration in one (1) on-site monitor well. Corrective actions included two (2) enhanced fluid recovery events (EFR), two (2) chemical injection events and replacement of aged wells.
- **2014**: Genesis Project conducted interim corrective actions in order to continue to reduce the localized concentrations of COCs within the vicinity of one (1) monitoring well (MW-8R). Corrective action included the injection of the chemical PersulfOx™, an "in-situ" chemical oxidation reagent" (ISCO), into the water table to chemically oxidize the constituents of concern.

Active remediation activities have been terminated at the Property. On-going site activities include monitoring the video surveillance system on a regular basis to identify any unauthorized activities within the remediation enclosure and to identify any future tampering with on-site monitor wells.

2.6 Future Property Use

The future use of the Property will continue to be commercial development. A Georgia Uniform Environmental Covenant is proposed to ensure that future site use is protective of human health and the environment.

3 SITE CHARACTERISTICS

3.1 Physical Setting

The site is located on the southern edge of the Washington Slope District of the Piedmont Physiographic Province (Hetrick, 1992). The Piedmont Physiographic Province is characterized by rolling to hilly geographic regions and broad, smooth uplands. The local topography is approximately 385 feet above mean sea level (MSL) and relatively flat.

3.2 Regional Geology

Geologic formations within the Southern Piedmont Province are composed primarily of igneous and metamorphic rocks consisting of granite, gneiss, and schist. According to the *Georgia Geological Survey Bulletin 96* (1984), the site is within the Washington Slope District. The Washington Slope District is bounded, on the south, by the Fall Line and the Coastal Plane. Boring logs recorded at the site described the surface soils as predominantly sandy clays to sandy clay loams.

3.3 Regional Hydrogeology

According to the *Groundwater Pollution Susceptibility Map of Georgia* (Georgia Geological Survey, 1992), the site lies in an area of lower susceptibility for the migration of pollutants to drinking water supplies and is not located in a significant ground water recharge area.

Groundwater in this area occupies the unconsolidated sandy silty clay in the upper unconfined aquifer and the joints, fractures, and other secondary openings in the bedrock formations at depth. Water recharges the water table via infiltration of precipitation.

3.4 Surface Water

The property is located in a lower groundwater pollution susceptibility area and the nearest surface water body to the subject property is a tributary to Reed Creek, which is located approximately 1,200 feet west-northwest of the Property.

3.5 Public/Private Water Wells Survey

A Well and Water Resources Survey was conducted within a 3-mile radius of the Property (Appendix B). This survey included a search of groundwater resource databases from the GA EPD and the United States Geological Survey (USGS), a search from the GAEPD water supply database, as well as a drive-by search of the immediate surrounding area. The survey identified thirty (30) water wells within three (3) miles of the Property. One (1) private water supply well was identified within one (1) mile of the Property. However, no wells were identified within a 0.25-mile radius of the site. While these wells were found to exist within the search radius, site-specific and regional data indicate that a completed exposure pathway between the on-site dissolved substance and the water wells does not exist. In addition, an interview was conducted with a representative of the Columbia County Water Authority confirming the subject Property is being supplied by county water. Furthermore, recent potentiometric surface data indicate that the on-site direction of groundwater flow is to the north-northeast, and a majority (29 of 30) of the water supply wells were located southeast of the Property. Previous investigations conducted at the Property indicate a local water table flowing towards the north and north-northeast that most likely, according to the USGS topographic map of the surface turns towards the northwest off the site, and discharges into the nearest creek located 1,200 feet. The nearest surface water body to the Property is 1,200 feet northwest of the

site. The location of all identified water wells are depicted on Figure 1 in Appendix B, along with the documentation of this survey.

3.6 Site Geology

The site geology is consistent with the regional geologic framework. Each of the soil borings contained sandy clays and sandy clay loam in the shallow subsurface. Two soil types are located in the local area including the Bibb silt loam originating from alluvium and the Wagram loamy sand, originating from marine sediments. These two soil types illustrates that the site is located near the contact between the Piedmont Physiographic Province and the Coastal Plan. All available boring logs are provided in Appendix E, and geologic cross-sections are presented as Figures 3a and 3b.

3.7 Site Hydrogeology

The investigation of site hydrogeology consisted of site-specific observations and a review of local hydrogeological data and published regional data. The occurrence of groundwater was determined by a review of historical soil boring logs as well as depth-to-water measurements recorded from all accessible, on-site temporary monitoring wells. The unconfined water-bearing zone at the site is approximately 6 feet below ground surface.

The observed on-site lithology as well as historical geological information suggests that the aquifers in this area are composed of unconsolidated sediments in the unconfined aquifer overlying a network of fractures and geologic discontinuities in non-porous metamorphic and igneous rock.

3.7.1 In-Situ Permeability Testing

In-situ-permeability testing was evaluated to calculate a hydraulic conductivity at the site. Hydraulic conductivity (K) was estimated using Bower and Rice methods from slug tests (rising head) in monitor wells MW-22 and POD-1 in September 2011. At the request of EPD (Comment #6 of May 30, 2014 letter), the results were re-evaluated using a best-fit slope line fitted to the later data collected after the sand pack had refilled. Revised estimated hydraulic conductivity values for these monitor wells are:

	$K_{(cm/sec)}$
MW-22[1]	3.1×10^{-3}
MW-22[2]	3.3×10^{-3}
POD-1	5.7×10^{-3}

These values are representative of published K values for the Sandy Clays, Sandy Loams and Sandy Clay Loams identified in the study area and consistent with hydraulic conductivity values presented in the April 1999 Compliance Status Report prepared by Williams Environmental. The average hydraulic gradient was calculated to be approximately 0.003 for the Property via three-point problem (MW-2R, MW-5, MW-7). Utilizing the geometric mean for the K value (4.0×10^{-3} cm/sec) and a 0.23 effective porosity for Sandy Loams, groundwater flow velocities were conservatively calculated at 61.2 ft./year for the site. Slug Test analysis results are included in Appendix C.

4 CONCEPTUAL SITE MODEL

The primary objective of the Conceptual Site Model (CSM) is to identify complete and incomplete exposure pathways. A CSM describes the criteria necessary to have a completed exposure pathway including 1) contaminant sources, 2) release and transport mechanisms, 3) receiving media, 4) exposure media, 5) exposure routes and 6) potentially exposed populations. The three-dimensional CSM is presented in Figures 4a and 4b. Each component of the CSM is presented in detail in the following sections.

Based on the current and potential land/water use for the site, the primary exposure media of potential concern are:

- Soil;
- Groundwater;
- Soil Vapor originating from impacted soil and groundwater.

A site-specific exposure pathway will be considered complete "if there are no discontinuities on or impediments to constituent of concern movement, including without limitation controls, from the source of the release to the receptor". Otherwise, the exposure pathway will be considered incomplete and no further evaluation is necessary (Section 12-8-108[2] VRP Act).

4.1 Soil Exposure Pathway

The potential for direct exposure of impacted soil at the Site is considered negligible since asphalt pavement or the commercial building covers all impacted soils.

Direct exposure to impacted subsurface soil would be possible in the case of future subsurface disturbance activities. As a result, the potential exposure scenario for this Property includes Construction and Utility Workers.

The potential exposure pathways for these individuals would include:

- Inhalation;
- Ingestion; and
- Dermal contact

Since there were no identified impediments or discontinuities to prevent exposure of impacted soils to future construction/utility workers, VRP Cleanup Standard calculations were prepared for this potentially completed pathway and are presented in Section 6.0.

4.2 Groundwater Exposure Pathway

Two (2) potential groundwater exposure pathways were evaluated and consisted of:

1) Direct exposure of impacted groundwater via discharge to a surface water body or drinking water well; and
2) Direct exposure to groundwater on-site.

The Property is located in an area of commercial development with no drinking water wells located within 1,000 feet or likely to be so in the foreseeable future. In addition, there are no surface water bodies within 1,000 feet of the Property.

Per EPD Comment 15 (05/30/2014), direct exposure to impacted groundwater would be possible in the case of future subsurface disturbance activities were conducted > 5feet below grade. As a

result, the potential exposure scenario for this Property includes Construction and Utility Workers.

The potential exposure pathways for these individuals would include:

- Inhalation;
- Ingestion; and
- Dermal contact

In addition, the groundwater exposure pathway will also be considered a potentially complete pathway at the downgradient property boundary. This compliance point consists of the "point of demonstration" well (POD-1), which is located within 6 feet of the downgradient property boundary (Figure 2).

4.2.1 Groundwater Fate and Transport Modeling

Genesis Project utilized BIOCHLOR in order to simulate contaminant fate and transport at the former Vogue Cleaners located in Martinez, Georgia. The objective of the modeling process was to determine the theoretical maximum concentration of tetrachloroethene (PCE), trichloroethene (TCE), and cis-1, 2 dichloroethene (1,2 DCE) in the former source area, identified as monitor well MW-2R, which should not impact groundwater at the point of demonstration (POD) above the acceptable risk criteria for off-site groundwater. The point of demonstration consists of monitor well POD-1, which is located at the downgradient property boundary of the Columbia Square Shopping Center and the Monterrey Mexican Restaurant. The location of this POD was selected prior to installation after discussions with EPD staff. At that time, both parties (Genesis Project and EPD) agreed that the current location of POD-1 was appropriate for the release at the former Vogue Cleaners.

The model was re-performed with the changes stipulated by EPD (response to EPD Comments #1, 2, 3 a. b. and c., and 4) in May 30, 2014 letter). The details of the modeling input parameters and changes are included in Appendix C.

The three COCs were considered for this modeling effort. No vinyl chloride has been observed during monitoring throughout the period of investigation (1995 to present). However, as a precaution vinyl chloride was included in the model as a possible future biotransformation product, although it appears that the degradation pathway for PCE at this site may not include vinyl chloride. The acceptable risk criteria for off-site groundwater (section 6.0), utilized in this model for the point of demonstration, are as follows:

Compound	Risk Criteria at Point of Demonstration
Tetrachloroethene	19 ug/L
Trichloroethene	5 ug/L
Cis-1, 2 Dichloroethene	70 ug/L

The modeling process included calibration of the model to pre-remedial site conditions (1998), followed by predictive modeling to determine the maximum source concentration that would not impact the point of demonstration well POD-1 above the allowable risk exposure criteria. This timeframe was selected since it is the last sampling event prior to significant corrective action activities.

During model calibration, it was determined that reductive dechlorination was occurring at the site (EPD comment 5). Two lines of evidence demonstrate that reductive dechlorination is occurring at the site:

1. Observed Reductions in Contaminant Mass along Flow Path

   Throughout the investigations completed at this site, contaminant migration has always illustrated contaminant mass loss downgradient of the former source area. Based on calculated flow velocities at the site (61.2 ft./yr.), contaminant migration, without biodegradation, would have been substantially larger that the data illustrates.

2. Documented Loss of Contaminant Mass

   Analytical data clearly illustrates decreasing parent compound concentration, with increasing daughter compound concentrations over time. This is best illustrated in monitor well MW-12D, where PCE concentrations decrease over time with a corresponding increase in the concentration of DCE concentrations. This observation in monitor well MW-12D is readily evident in the data from 2009 to 2011.

   In addition, a reductive dechorination Pilot Test was conducted at the site in March 2002 by Williams Environmental Services (Williams, 2002). The results of the pilot test confirmed the reduction in contaminant mass and that reductive dechlorination was occurring in site groundwater.

Subsequent usage of ART technology to remove VOC in vapor phase from soil and groundwater from late 2011 until August 2013 and the introduction of oxygenating compounds (Persulfox) in December 2014 raised the dissolved oxygen temporarily, but dissolved oxygen levels have returned to 0.8 in MW-2 at the source as of March 2015. Dissolved oxygen is expected to continue to decrease in all impacted wells as aerobic microbes utilize the remaining oxygen to degrade TCE, DCE, and other organic compounds. Therefore it was deemed appropriate to use reductive dechlorination in the BIOCHLOR model to simulate future conditions.

Based on that effort, site-specific Source Area Concentration Criteria (SACC) for each COC, were developed to predict the source concentration what would not impact groundwater above

the acceptable risk criteria for off-site groundwater at the point of demonstration. The calculated Source Area Concentration Criteria are as follows:

Compound	Source Area Concentration Criteria
Tetrachloroethene	700 ug/L
Trichloroethene	100 ug/L
Cis-1,2 dichloroethene	1,300 ug/L

Once any continuous significant source of COCs in the source area is reduced below the SACC, they are not predicted to impact the point of demonstration (POD-1) above the acceptable risk criteria for off-site groundwater, rendering this groundwater exposure pathway incomplete. As indicated in this Revised CSR, no such source is believed to be present in the source area and all sampling results at the POD-1 continue to be below the detection limit.

A detailed description of this modeling effort is presented in Appendix C.

4.3 Surface Water Exposure Pathway

The nearest downgradient surface water body is approximately 1,200 feet west-northwest of the Property. The groundwater fate and transport modeling indicated that current levels of COCs, which are above the applicable acceptable risk criteria for off-site groundwater would not impact the creek 1,200 feet downgradient of the Property above In-Stream Water Quality Standards. The model was run for a maximum predicted time period and stabilized after 27 years. Therefore, exposure to impacted groundwater at the nearest downgradient surface water body is an incomplete pathway.

4.4 Vapor Intrusion Exposure Pathway

The potential for exposure of impacted soil vapor at the Property is limited to the interior of the commercial building at Columbia Square Shopping Center. The potential for direct exposure to soil vapors (originating from impacted soil and/or groundwater) in the interior of the commercial building include:

- Commercial Workers and Visitors; and
- Utility/Construction Workers.

The potential exposure pathway is inhalation.

Based on this potential exposure pathway, a vapor intrusion assessment and associated modeling was completed to determine if this potential exposure pathway is complete.

4.4.1 Vapor Intrusion Assessment

The United States Environmental Protection Agency (USEPA) Vapor Intrusion Screening Level (VISL) Calculator (Ver. 3.3.1, May 2014 RSLs), was used to develop the screening criteria for the vapor intrusion pathway at this site. The criteria for the screening included:

Parameter	Value	Description
Exposure Scenario	Commercial	Commercial Workers and Visitors
Target Risk for Carcinogens	1.0×10^{-5}	Established Cancer Risk Criteria
Hazard Quotient	1	Established Non-Cancer Hazard Quotient
GW Temperature	25^{o}	Average Annual Groundwater Temperature

Based on these criteria, target indoor air concentrations were developed for COCs present at the site. From these baseline exposure criteria, the VISL calculator computes target concentrations for both sub-

slab and exterior gas as well as target groundwater concentrations. However, these target concentrations are calculated from very conservative attenuation factors for the sub-slab gas (0.1) and groundwater (0.001). Rather than utilizing unrealistic default attenuation factors, a site investigation was conducted to calculate an empirical attenuation factor for the building.

All soil gas samples were collected according to the procedures presented in the Appendix D (Field Methods).

4.4.2 Vapor Intrusion Attenuation Factor Calculation

The calculation for the development of a site-specific attenuation factor is as follows:

$$AF_{VI} = \frac{C_{IA-VI}}{C_{SV}}$$

Where:

AF_{VI} – Attenuation Factor (vapor intrusion)
C_{IA-VI} – Concentration in Indoor Air
C_{SV} – Concentration in sub slab soil vapor

In order to calculate an empirical site-specific attenuation factor, Genesis Project collected paired sub-slab soil gas and indoor air samples utilizing the conservative tracer radon. Radon was selected as the tracer since:

- Radon is naturally occurring in the vadose zone;
- Radon is not found in building materials nor can it be present due to any indoor sources;
- Radon is a conservative tracer because it is an inert noble gas and would not be expected to attenuate due to chemical or physical reactions with vadose zone soils or building materials;

- Radon is easily sampled and analyzed.

The basis for this investigation was taken from the technical paper "Use of Radon to Determine Attenuation between Sub slab and Indoor Air for Vapor Intrusion Evaluation at Military Housing Units at Fort Wainwright, Alaska (King et al, 2010).

Three radon samples were collected from three locations in random locations within the former Vogue Cleaners. The results from each pair and associated attenuation factors are as follows:

Sample Designation	Sub-slab (SG) (pCi/L)	Indoor Air (IA) (pCi/L)	Attenuation Factor
SV-1	293	0.91	0.0031
SV-3	--\1	0.81	--
SV-5	258	0.71	0.0028
Average	275.5	0.81	0.003

\1 Sample could not be analyzed

The laboratory results for this investigation are presented in Appendix F.

Although this attenuation factor is significantly lower than the default values presented in the 2002 USEPA OSWER Draft Guidance Document (0.1) or the proposed USEPA Final Guidance document (0.03), these values are within the range of values presented in the USEPA's Vapor Intrusion Database (USEPA 530-R-10-002).

Based on this data, the attenuation factor utilized to determine site-specific target sub-slab concentrations at this site is 0.0031. For the COCs at this site, these target concentrations are as follows:

Compound	Target Indoor Air Concentration[1] (ug/m^3)	Attenuation Factor	Target Sub-slab Gas Concentration (ug/m^3)
Tetrachloroethene	180	0.0031	58,065
Trichloroethene	8.8	0.0031	2,839
Cis-1,2 dichloroethene	NA	NA	NA

[1] *EPA VISL Screening Criteria*

These target sub-slab gas concentrations are considered conservative since they do not take into consideration commercial building air exchange rate, which would substantially increase these target levels for sub-slab soil.

Based on the results of this sub-slab soil gas investigation, any of the COCs in sub-slab soil gas below the Target Sub-slab Gas Concentration would constitute an incomplete pathway for vapor intrusion into the existing building.

5 EXTENT OF CONTAMINATION

In an effort to fulfill the requirements set forth by the VRP and prepare this CSR, all current and historical site assessments performed by the various environmental consulting firms were compiled, as necessary, to complete the characterization of soil and groundwater on the Property. A description of routine field methods is included in Appendix D.

5.1 Drilling and Soil Classification Procedures

Subsurface soils encountered during all investigations were classified using the Unified Soil Classification System and accepted standardized geologic practices for soil and rock descriptions. Soils encountered included sandy clays, sandy silt, and sandy clay silt.

5.2 Soil Investigation

Numerous soil investigations have been completed at the site over the last 13 years. The purpose of these investigations has been to delineate soil impacts to the approved delineation standards and determine whether soil impacts were present above the applicable VRP Clean-up Standards developed for the Property. The location of current and historical soil samples is depicted in Figure 5.

5.2.1 Vadose Zone Sampling

On May 2000, Williams Environmental Services initiated soil removal activities for the former Vogue Cleaners facility. Prior to soil excavation, the concrete foundation of the building was saw-cut and removed. Soil was then removed within the vicinity of the former Vogue Cleaners facility and the excavation was extended to areas outside the building as designated by

previously conducted sampling events. Soil excavation continued to depths ranging from 2 to 7 feet below ground surface (bgs) until no visual or olfactory evidence of contamination was detected. Twelve (12) verification samples were collected during the soil excavation and confirmed the removal of potential source materials above delineation standards. A total of 183.8 tons of soil and concrete were removed from areas within and around the former Vogue Cleaners facility.

As a result, confirmation soil samples were collected during the implementation of the Preliminary Remediation Plan to validate that all soils are below the applicable VRP delineation standards and VRP Cleanup Standards developed for the site.

In October 2011, a total of five (5) discrete soil-boring locations were installed on-site to determine if soils had been fully delineated. Subsurface soil samples collected at each of these locations were from intervals ranging from (0-2') and (2-4') bgs. The soil samples were analyzed for total volatile organic compounds VOCs via Method 8260B. Analytical results verified that soils were not fully delineated to the west within the former Vogue Cleaners facility. Four (4) of the soil samples indicated concentrations exceeding the delineation standard for PCE of (0.5mg/kg). As discussed previously, Genesis Project completed additional corrective action within the building, via the addition of two (2) SVE wells, to address impacted soil.

Following the completion of corrective action, subsequent soil samples were collected within the interior of the former Vogue Cleaners to confirm delineation and soils were below applicable VRP Clean-up Standards. Three (3) soil locations were collected in May 2013, and are identified as SB-25, SB-26, and SB-27. All locations collected soil intervals ranging from (0-2) and (2-4') below ground surface. Soil samples indicated that all soils were below the delineation standard of (0.5 mg/kg). All delineation samples are depicted on Figure 5.

5.2.2 Soil Sample Laboratory Results

A summary of all recent and previously completed soil analytical results is provided in Table 1 and depicted in Figure 5. The laboratory analytical reports are presented in Appendix F.

The results of this extensive soil-sampling program have concluded that the site is defined to the appropriate delineation standards. As a result, there is no evidence of soil impacts in excess of delineation standards, the applicable VRP Cleanup Criteria or HSRA Type 1 Risk Reduction Standards (RRSs) at the Property.

5.3 Groundwater Investigation

The most recent groundwater-sampling event was completed on January 13, 2015. Monitor wells MW-2R and MW-8R were resampled on March 5, 2013 to verify the results of the January sampling.

5.3.1 Monitoring Wells

A total of thirty-one groundwater-monitoring wells were installed on and off-site during the history of site investigations completed on this Property. A majority of these wells have been properly abandoned, over time. As approved under the VRP application, monitor wells MW-1, MW-2R, MW-4, MW-5, MW-6, MW-7, MW-8R, MW-8D, MW-12D, MW-22 and POD-1 have been utilized in this investigation. Monitor well MW-12D was not suitable for sampling due to damaged surface casing and an apparent bridge in the screened interval that was causing surface water to accumulate in the well bore. Attempts were made to penetrate the bridge but the well appears to have silted in (EPD Comment 3, 03/17/2015). Replacement of this monitor well is not necessary since it is not critical to the characterization and monitoring of the contaminant plume originating from the former Vogue Cleaners.

5.3.2 Water Level Measurements

Water level measurements were recorded from each of the designated monitor wells to calculate the gradient and groundwater flow direction across the Property. Based on survey results, groundwater flow direction is towards the north-northeast on the Property.

The groundwater flow direction was determined based on updated survey data as well as the most recent groundwater level measurements. A hydraulic gradient of 0.003 was also calculated via a three-point problem utilizing monitor wells MW-8R, MW-22 and POD-1 from the January 2015 data. A summary of the water level measurements from all accessible monitoring wells is provided in Table 2 and a potentiometric surface map of January 13, 2015 is included in Figure 6a.

In response to Comment #10 by EPD, additional potentiometric maps from previous sampling events, by different consulting firms, indicate that groundwater flow direction varies between a north-notheasterly direction and a northerly direction on the Columbia Square property (Figures 6b, 6c). This is consistent with the results presented in both this report and the December 2013 VCSR.

During a review of the historic potentiometric surface map from 2002 (Williams 2002), a more comprehensive evaluation of the direction of groundwater flow was possible due the number of monitor wells present at that time (Figure 6c). This potentiometirc surface map illustrates the groundwater flow on the Columbia Square property, the CCCC property and the downgradient Monterrey Mexican Restaurant property. The historic results are consistent with the current and recent groundwater flow direction on the Columbia Square property, but also illustrates that groundwater on the CCCC property is flowing to the north-northwest.

On a larger scale, the USGS 7.5 minute topographic map indicates that groundwater likely flows towards the creek located northwest of the property after flowing in a northerly and north-north

easterly direction across the Property. This is consistent with the probable off-site groundwater flow direction shown on the 2002 groundwater flow map (Figure 6c)

5.3.3 Groundwater Sample Collection

Groundwater samples were collected in August 2014 and analyzed for Total VOCs using EPA Method 8260. In response to EPD Comment #12, groundwater samples were again collected on January 13, 2015 from designated wells utilizing low-flow sampling techniques. In accordance with the US Environmental Protection Agency (US EPA) Region IV Science and Ecosystem Support Division standard operating procedure dated November 1, 2007, water quality parameters such as pH, conductivity, temperature, dissolved oxygen, turbidity, and groundwater drawdown rate were evaluated during purging to ensure groundwater samples are representative of formational groundwater. Stabilization criteria are based on dissolved oxygen (DO) concentrations as well as three (3) successive readings ranging within +/- 0.10 for pH, +/- 0.30 (S/m) conductivity, and <10 ntu for turbidity. Once the parameters had stabilized, groundwater samples were collected within laboratory-provided containers, placed in an ice-filled cooler, and submitted to Analytical Environmental Services (AES) for Total VOCs using EPA Method 8260B. The field data is included in Appendix D.

It should be noted that monitor well MW-8R did not meet the sampling criteria for turbidity during the August 7, 2013 groundwater sampling event.

In addition, groundwater samples were collected from monitor wells MW-5 and MW-8R in March 2015.

5.3.4 Groundwater Sample Laboratory Results

Groundwater analytical results revealed COCs above laboratory reporting limits during the January 2015 sampling events in monitor wells MW-8R, MW-5, and MW-2R.

However, the results continued to confirm that impacts to groundwater have dropped substantially across the site over the most recent period. The isolated presence of COCs in MW-8R is considered to be associated with the introduction of ISCO chemicals into the groundwater, which appears to have de-sorbed remaining residual chlorinated hydrocarbons adsorbed to the soil, thereby temporarily increasing concentrations in the groundwater. This effect can be a characteristic occurrence when using in-situ chemical oxidation (ISCO) in groundwater. It is anticipated that these concentrations will naturally decrease (Section 8.0). In an abundance of caution, an additional 24-hour enhanced fluid recovery (EFR) event will be competed in monitor well MW-8R in order to further address COCs that were de-sorbed during the ISCO event. A summary of recent and historic groundwater analytical results are provided in Table 3 and Figures 7a and 7b. The laboratory analytical reports are presented in Appendix D.

5.4 Vapor Intrusion Investigation

Two sub-slab soil gas investigations have been completed at this Property. The purpose of these investigations was to determine if vapor intrusion is a completed pathway at this location. The initial investigation was completed in 2011 and the final investigation was completed in 2013.

5.4.1 Soil Gas Sampling

In 2011, an initial sub-slab soil gas survey was completed that the Property. The investigation included the installation of four (4) implants. Each implant was installed and sampled as discussed in the Field Protocols presented in Appendix D. The results of this investigation are presented on Table 4 and Figure 8a. Based on these results, additional corrective action was implemented within the interior of the building and included the installation of two (2) SVE

wells. These SVE wells were incorporated into the existing remediation system and operated until July 2013.

In August 2013, a second sub-slab soil gas survey was completed at the Property. The objective of this investigation was to complete a survey of sub-slab soil gas concentrations and evaluate the effectiveness of the corrective action completed in this area. The investigation included the installation of five (5) implants, with one (SV-3R) placed in the immediate vicinity of the highest level of impact at the Property. The results of this investigation are presented on Table 4 and Figure 8b. In response to Comment #17, the sub-slab samples were collected 30-days following shut down of the SVE system. This recovery period is a sufficient amount of time for stabilization/equilibration to occur before sampling and no further sampling is warranted to verify these original results.

5.4.2 Soil Gas Laboratory Results & Risk Calculations

The results of the sub-slab soil vapor survey confirmed that COCs are present in the sub-slab soil gas beneath the building. The results from both of the investigations also confirm that corrective action completed in the vadose zone underneath the building was successful in reducing COCs in the sub-slab soil gas. The results from the 2013 investigation were utilized to complete risk calculations for sub-slab soil gas to evaluate whether the additional corrective action was necessary to eliminate the vapor intrusion exposure pathway. Using the risk criteria presented in section 4.4.1, the results from each sample location were input into the EPAs VISL spreadsheet (soil gas forward calculator) in order to determine the risk criteria for each compound reported in the sub-slab soil gas (Appendix C). The two COCs present in sub-slab soil gas were PCE and TCE. It should be noted that the most current VISL calculator (Ver. 3.3.1, May 2014) was utilized in this re-evaluation and done without the use of surface weighted averaging (per EPD comments 18 and 19, respectively).

Several other compounds were reported in the laboratory results but are considered to represent laboratory artifacts since they have not been reported in soil or groundwater samples on the Property and are close to the method detection limit.

In all sample locations, the Cancer Risk for PCE and TCE were below the cancer risk criteria of 1.0×10^{-5} (Table 5). As a result, there is no cancer risk associated with the PCE and TCE present in sub-slab soil gas. In addition, the calculated Non-Cancer Hazard Quotient for COCs in each of the samples was also below the hazard Quotient of 1 (Table 5) for all COCs.
The concentration of the COCs is presented on Table 5.

Based on this evaluation of sub-slab soil gas results and the associated potential risk of human exposure, it was determined that calculated indoor air concentrations of each of the COCs would not exceed the target indoor air concentration presented in the EPAs VISL Calculator. Therefore, vapor intrusion is an incomplete pathway and no further investigation into vapor intrusion is warranted at this site.

6 VRP CLEAN-UP STANDARDS AND SITE COMPLIANCE

The Property is zoned as a "commercial" property. This property use will continue pursuant to the proposed Uniform Environmental Covenant. As a result, VRP Cleanup Standards were calculated based on this current and future use of the Property.

6.1 VRP Clean-up Standards for Soil

Based on the conceptual site model of this Property, the site-specific VRP Cleanup Standards for soil are based on construction worker exposure factors for subsurface soil (VRPA 12-8-108 [5][B]). As a result, the VRP Cleanup Standards were calculated for each of the COCs using RAGs equations 6 (carcinogenic) and 7 (non-carcinogenic) and are as follows:

Constituent of Concern	Calculated VRP Clean-up Standards
Tetrachloroethene	346 mg/kg
Trichloroethene	16.9 mg/kg
Cis 1,2 dichloroethene	1,550 mg/kg

The detailed calculations for these VRP Clean-up Standards are included in Appendix G.

These VRP Clean-up Standards are substantially higher than the concentrations currently present at the Property for Tetrachloroethene (0.430 mg/kg), Trichloroethene (0.060 mg/kg) or cis-1, 2 dichloroethene (< 0.0036 mg/kg) as well as Type 1 RRSs under HSRA. As a result, the soil at the former Vogue Cleaners is in compliance with these VRP Cleanup Standards.

6.2 VRP Clean-up Standards for Groundwater

As requested in EPD comment 15 (05/30/2014), groundwater exposure pathway is classified as complete in both on-site groundwater and at the Property boundary. Since there were no identified impediments or discontinuities, other than the depth to groundwater, to prevent exposure of impacted groundwater to future construction/utility workers, a uniform environmental covenant (UEC) will be prepared to protect these individuals from this potentially completed pathway. With the execution of an approved UEC, on-site groundwater at the former Vogue Cleaners will be an incomplete pathway and groundwater in compliance with the VRP. A summary of the UEC is presented in Section 7.0.

Acceptable risk criteria for off-site groundwater have been calculated for each of the COCs present on the Property. The point of compliance for groundwater is the point of demonstration (POD-1), which is ~78 feet from source wells MW-2R and MW-8R. Under the VRP, the acceptable risk criteria for off-site groundwater at this point of compliance are as follows:

Constituent of Concern	Calculated VRP Clean-up Standards
Tetrachloroethene	19 ug/L
Trichloroethene	5 ug/L
Cis 1,2 dichloroethene	70 ug/L

Since the concentration of COCs at the point of demonstration (POD-1) is below the laboratory-reporting limit, off-site groundwater is also in compliance with the VRP. Detailed presentations of these acceptable risk criteria for off-site groundwater are included in Appendix G.

7 UNIFORM ENVIRONMENTAL COVENANT

A Uniform Environmental Covenant is proposed for the affected and relevant portions of this parcel. The covenant will include:

1. Restrictions on the use of groundwater; and
2. Limit property use to commercial uses only.
3. Requirements for protection of future construction workers
4. Requirements for proper treatment of any groundwater extracted for dewatering.
5. Provisions for the evaluation and mitigation of potential vapor intrusion for any new enclosed structures built in the vicinity of the plume and for any modifications to the existing structures.

A copy of the proposed Uniform Environmental Covenant will be provided to EPD at a future date.

8 CORRECTIVE ACTION AND SITE CLOSURE

Over a period of 15 years, extensive assessment and remediation activities have been conducted at the Property to mitigate any risk to human health and the environment. These actions have included soil excavation, chemical treatment, dual-phase extraction events, air sparging of groundwater and soil vapor extraction within the vadose zone, which has resulted in a dramatic reduction of tetrachloroethene and associated chemicals at the Property. As a result and as previously reported, the air sparging and soil vapor extraction remediation system has been shut down. Remaining corrective action includes the execution of an approved UEC at the Property. A summary of the proposed UEC is presented in Section 7.0.

In an abundance of caution, an additional 24-hour enhanced fluid recovery (EFR) event is planned in monitor well MW-8R to further address COCs that were de-sorbed during the ISCO event. The event will consist of one (1) 24-hour enhanced fluid recovery event in MW-8R. Monitor wells MW-2R, MW-5, MW-8R, and POD-1 will be resampled in June and December 2015 and results will be submitted to EPD.

9 SITE CLOSURE

Upon EPDs concurrence that de-listing of the parcel (ID *Map J 10, Parcel 079/087)* from the HSI (HSI #10394) is appropriate, Genesis Project will implement closure activities at the site. Closure activities will include:

1. Abandonment of all on-site monitor wells and SVE wells; and
2. Removal of the video surveillance system.

A report will be submitted to EPD certifying that the system and all monitor/SVE wells have been properly abandoned.

10 PUBLIC NOTICE

As required by the Georgia Rules for the Voluntary Remediation Program, a Public Notice will be published in The Columbia County News-Times indicating that the public may submit comments to EPD on the VRP-CSR within thirty- (30) days of notification. A notice will also be submitted to Mr. Scott D. Johnson, Columbia County Administrator.

REFERENCES

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Williams Environmental Services, 4-1999: Compliance Status Report, Former Vogue Cleaners, Martinez, Georgia

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Williams Environmental Services, 03-2002: Pilot Test Results, Former Vogue Cleaners, Martinez, Georgia

TABLES

Table 1: Summary of Soil Analytical Results
Columbia Square
Former Vogue Cleaners

Sample I.D.	Sample Depth (ft bls)	Sample Date	VOCs (Method 8260B) PCE (mg/kg)
SB-6	0-2'	July 2005	**0.84**
SB-6	0-2'	July 2011	0.04
SB-13W	0-2'	July 2005	**4.70**
SB-13W	0-2'	July 2011	0.11
SB-14	0-2'	July 2005	**1.10**
SB-14	0-2'	July 2011	**7.50**
SB-15	0-2'	July 2005	**2.30**
SB-15	0-2'	July 2011	0.02
SB-17	0-2'	July 2005	**0.57**
SB-17	0-2'	July 2011	0.02
SB-20	0-2'	October 2011	**1.3**
SB-20	2-4'	October 2011	**1.5**
SB-21	0-2'	October 2011	< 0.0033
SB-21	2-4'	October 2011	< 0.0035
SB-22	0-2'	October 2011	**1.40**
SB-22	2-4'	October 2011	0.23
SB-23	0-2'	October 2011	**0.64**
SB-23	2-4'	October 2011	**23**
SB-24	0-2'	October 2011	**3.4**
SB-24	2-4'	October 2011	0.15
SB-24 DUP	2-4'	October 2011	**0.53**

I.D.	Identification
Ft bls	feet below land surface July 2005
VOCs	Volatile Organic Compounds
mg/kg	micrograms per kilogram
PCE	tetrachloroethene
< 2.0	Below Laboratory Detection Limit
NA	Not Analyzed
U =	Sample below laboratory detection limits
J =	Estimated concentration, analyte below quantitation limits
Bold values	Above applicable Delineation Standards

Table 2.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-1	03/16-19/1999	363.61	5.45	358.16
	09/20/06		5.40	358.21
	01/23/07		5.41	358.20
	06/27/07		NA	NA
	10/08/07		5.51	358.10
	01/14/08		5.57	358.04
	04/01/08		5.32	358.29
	07/22/08		NA	NA
	10/07/08		NA	NA
	01/28/09		NA	NA
	07/02/09		5.38	358.23
	01/12/10		NA	NA
	08/03/10		5.21	358.40
	01/19/11		NA	NA
	07/26/11		5.43	358.18
	02/22/12		5.54	358.07
	08/15/12		5.53	358.08
	02/26/13		5.49	358.12
RESURVEYED	08/07/13	356.91	5.21	351.70
	08/28/14		5.36	351.55
	01/13/15		5.46	351.45
MW-2	03/16-19/1999	363.54	5.72	357.82
	09/20/06		5.61	357.93
	01/23/07		5.55	357.99
	06/27/07		5.56	357.98
	10/08/07		5.69	357.85
	01/14/08		5.71	357.83
	04/01/08		5.58	357.96
	07/22/08		5.60	357.94
	10/07/08		5.70	357.84
	01/28/09		5.62	357.92
	07/02/09		5.61	357.93
	01/12/10		5.52	358.02
	08/03/10		5.50	358.04
	01/19/11		5.66	357.88
	07/26/11		5.55	357.99
	02/22/12		5.71	357.83
	08/15/12		5.73	357.81
			ABANDONED	
MW-2R	02/26/12	363.50	5.67	357.83
RESURVEYED	08/08/13	356.39	5.53	350.86
	08/28/14		5.63	350.76
	01/13/15		5.64	350.75
MW-3	03/16-19/1999	362.47		362.47
	01/27/09		4.31	358.16
	07/02/09		4.29	358.18
	01/12/10		NA	NA
	08/03/10		4.21	358.26
	02/22/12		ABANDONED	

Table 2.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-4	03/16-19/1999	362.89	5.02	357.87
	09/20/06		4.95	357.94
	01/23/07		4.80	358.09
	06/27/07		4.88	358.01
	10/08/07		4.96	357.93
	01/14/08		5.05	357.84
	04/01/08		4.91	357.98
	07/22/08		4.95	357.94
	10/07/08		5.09	357.80
	01/27/09		4.95	357.94
	07/02/09		4.96	357.93
	01/12/10		4.51	358.38
	08/03/10		4.87	358.02
	01/19/11		5.08	357.81
	07/26/11		4.99	357.90
	02/22/12		5.03	357.86
	08/15/12		5.04	357.85
	02/26/13		5.00	357.89
RESURVEYED	08/07/13	355.74	4.90	350.84
	08/28/14		4.95	350.79
	01/13/15		5.00	350.74
MW-5	03/16-19/1999			
	09/20/06	363.37	5.74	357.63
	01/23/07		5.70	357.67
	06/26/07		5.55	357.82
	10/09/07		5.81	357.56
	01/14/08		5.80	357.57
	04/01/08		5.75	357.62
	07/22/08		5.76	357.61
	10/07/08		5.83	357.54
	01/27/09		5.85	357.52
	07/02/09		5.75	357.62
	01/12/10		5.75	357.62
	08/03/10		5.75	357.62
	01/19/11		5.84	357.53
	07/26/11		5.78	357.59
	02/22/12		5.80	357.57
	08/15/12		5.82	357.55
	02/26/13		5.77	357.60
RESURVEYED	08/07/13	356.26	5.71	350.55
	08/28/14		5.69	350.57
	01/13/15		5.74	350.52
MW-5D	03/16-19/1999	365.66	6.75	358.91
	09/20/06		7.65	358.01
	01/23/07		11.12	354.54
	06/26/07		6.72	358.94
	10/09/07		8.44	357.22
	01/14/08		7.19	358.47
	04/01/08		10.28	355.38
	07/22/08		8.42	357.24
	10/07/08		5.83	359.83
	01/27/09		6.52	359.14
	07/02/09		5.39	360.27
	01/12/10		4.39	361.27
	08/03/10		6.90	358.76
	01/19/11		7.79	357.87
	07/26/11		7.80	357.86
	02/22/12		NA	NA
	08/15/12		NA	NA
	02/26/13		NA	NA
	08/07/13		NA	NA

Table 2.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-6	03/16-19/1999	363.71	6.12	357.59
	09/20/06		6.01	357.70
	01/23/07		5.95	357.76
	06/26/07		6.00	357.71
	10/08/07		6.10	357.61
	01/14/08		6.06	357.65
	04/01/08		6.02	357.69
	07/22/08		6.08	357.63
	10/07/08		6.12	357.59
	01/27/09		6.03	357.68
	07/02/09		6.67	357.04
	01/12/10		5.99	357.72
	08/03/10		5.96	357.75
	01/19/11		6.09	357.62
	07/26/11		6.08	357.63
	02/22/12		6.08	357.63
	08/15/12		6.07	357.64
	02/26/13		6.00	357.71
RESURVEYED	08/07/13	356.53	5.86	350.67
	08/28/14		6.01	350.52
	01/13/15		6.02	350.51
MW-7	03/16-19/1999	364.43	5.85	358.58
	09/20/06		5.11	359.32
	01/23/07		5.68	358.75
	06/26/07		5.68	358.75
	10/08/07		5.82	358.61
	01/14/08		5.81	358.62
	04/01/08		5.75	358.68
	07/22/08		5.76	358.67
	10/07/08		5.83	358.60
	01/27/09		5.73	358.70
	07/02/09		5.78	358.65
	01/12/10		5.70	358.73
	08/03/10		5.98	358.45
	01/19/11		5.80	358.63
	07/26/11		5.76	358.67
	02/22/12		5.79	358.64
	08/15/12		5.76	358.67
	02/26/13		5.72	358.71
RESURVEYED	08/07/13	356.26	5.64	350.62
	08/28/14		5.73	350.53
	01/13/15		5.74	350.52
MW-8	03/16-19/1999	364.01	6.29	357.72
	09/20/06		6.21	357.80
	01/23/07		6.15	357.86
	06/27/07		6.21	357.80
	10/09/07		6.09	357.92
	01/14/08		6.32	357.69
	04/01/08		6.22	357.79
	07/22/08		6.23	357.78
	10/07/08		6.32	357.69
	01/28/09		6.22	357.79
	07/02/09		5.62	358.39
	01/12/10		6.15	357.86
	08/03/10		6.18	357.83
	01/19/11		6.27	357.74
	07/26/11		6.28	357.73
	02/22/12		6.33	357.68
	08/15/12		6.30	357.71
	08/30/12		5.76	358.25
	10/02/12		5.68	358.33
	10/30/12		NM	NM
			ABANDON	
MW-8R	02/26/13	363.1	6.52	356.58
RESURVEYED	08/08/13	360.93	10.20	350.73
	08/28/14		10.22	350.71
	01/13/15		10.31	350.62

Table 2.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-8D	03/16-19/1999	363.9	6.12	357.78
	09/20/06		5.96	357.94
	01/23/07		6.04	357.86
	06/27/07		6.31	357.59
	10/09/07		6.32	357.58
	01/14/08		6.59	357.31
	04/01/08		6.33	357.57
	07/22/08		6.14	357.76
	10/07/08		2.67	361.23
	01/28/09		5.64	358.26
	07/02/09		6.29	357.61
	01/12/10		6.62	357.28
	08/03/10		6.74	357.16
	01/19/11		6.01	357.89
	07/26/11		6.18	357.72
	02/22/12		7.85	356.05
	08/15/12		6.23	357.67
	02/26/13		6.52	357.38
RESURVEYED	08/08/13	356.75	5.87	350.88
	08/28/14		6.01	350.74
	01/13/15		5.93	350.82
MW-12D	03/16-19/1999	363.58	14.90	348.68
	09/20/06		15.09	348.49
	01/23/07		15.30	348.28
	06/26/07		14.64	348.94
	10/09/07		14.93	348.65
	01/14/08		16.82	346.76
	04/01/08		17.23	346.35
	07/22/08		17.23	346.35
	10/07/08		17.90	345.68
	01/27/09		18.26	345.32
	07/02/09		18.73	344.85
	01/12/10		17.99	345.59
	08/03/10		17.09	346.49
	01/19/11		17.79	345.79
	07/26/11		15.70	347.88
	02/22/12		10.30	353.28
	08/15/12		10.18	353.40
	02/26/13		0.15	363.43
RESURVEYED	08/07/13	356.45	14.50	341.95
	08/28/14		NA	NA
	01/13/15		NA	NA
MW-13	03/16-19/1999	363.99	6.18	357.81
	01/14/08		6.20	357.79
	04/01/08		6.06	357.93
	07/22/08		6.10	357.89
	10/07/08		6.73	357.26
	01/27/09		6.10	357.89
	07/02/09		6.19	357.80
	01/12/10		5.78	358.21
	08/03/10		5.94	358.05
	01/19/11		6.13	357.86
	07/26/11		6.48	357.51
	02/22/12		6.18	357.81
	08/15/12		6.16	357.83
	02/26/13		6.06	357.93
RESURVEYED	08/08/13	356.99	5.97	351.02
	08/28/14		6.61	350.38
	01/13/15		6.05	350.94

Table 2.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-15	03/16-19/1999	365.57	8.00	357.57
	10/09/07		7.45	358.12
	01/04/08		7.35	358.22
	07/22/08		7.41	358.16
	10/07/08		7.58	357.99
	02/02/09		7.41	358.16
	07/02/09		NA	NA
	01/12/10		NA	NA
	08/03/10		7.36	358.21
	01/19/11		7.47	358.10
	07/26/11		7.44	358.13
	02/22/12		ABANDONED	
MW-16	03/16-19/1999	362.65	5.00	357.65
	01/27/09		4.75	357.90
	07/02/09		5.06	357.59
	01/12/10		NA	NA
	08/03/10		5.70	356.95
	01/19/11		3.78	358.87
	07/26/11		NA	NA
	02/22/12		ABANDONED	
MW-18	03/16-19/1999	364.55		
	01/14/08		6.76	357.79
	04/01/08		6.71	357.84
	07/22/08		6.78	357.77
	10/07/08		6.79	357.76
	01/27/09		6.70	357.85
	07/02/09		6.83	357.72
	01/12/10		6.65	357.90
	08/03/10		6.65	357.90
	01/19/11		6.72	357.83
	07/26/11		NA	NA
	02/22/12		ABANDONED	
MW-22	07/26/11	363.1	5.49	357.61
	02/22/12		5.55	357.55
	08/15/12		5.55	357.55
	02/26/13		5.50	357.60
RESURVEYED	08/07/13	356.05	5.41	350.64
	08/28/14		5.41	350.64
	01/13/15		5.50	350.55
POD-1	07/26/11	362.86	5.55	357.31
	02/22/12		5.60	357.26
	08/15/12		5.59	357.27
	02/26/13		5.54	357.32
RESURVEYED	08/07/13	356.06	5.45	350.61
	08/28/14		5.54	350.52
	01/13/15		5.55	350.51

Notes:
NA Not Accessible
ft bls: Feet Below Land Surface

Table 3
Summary of Groundwater Analytical Results
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Screened Interval (ft bls)	VOCs (ug/L) cis-1,2-DCE	PCE	TCE	Vinyl Cloride	trans-1,2-DCE	Benzene	Toluene	Xylenes
MW-1	Jan-98	2.05 - 12.05	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Feb-98	2.05 - 12.05	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Oct-06	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-07	2.05 - 12.05	3J	19	3J	<2	<5	8	<5	<10
	Jun-07	2.05 - 12.05	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-07	2.05 - 12.05	<5	< 5	< 5	< 10	NA	9	BDL	BDL
	Jan-08	2.05 - 12.05	<1	1	<1	<1	<1	9	<1	<2
	Apr-08	2.05 - 12.05	< 5	< 5	< 5	< 2	< 5	14	< 5	<10
	Jul-08	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-08	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-09	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-09	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-10	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Aug-10	2.05 - 12.05	< 5	< 5	< 5	< 2	< 5	6	< 5	< 10
	Jan-11	2.05 - 12.05	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-11	2.05 - 12.05	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	2.05 - 12.05	< 5	< 5	< 5	< 2	< 5	13	< 5	< 10
	Aug-12	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
	Feb-13	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
	Aug-13	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
	Aug-14	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-15	2.05 - 12.05	<5	<5	<5	<2	<5	<5	<5	<10
MW-2	Jan-98	3.25 - 13.25	247	1,680	56	< 2	< 2	< 2	< 2	< 2
	Feb-98	3.25 - 13.25	468	2,950	90	< 2	< 2	< 2	< 2	< 2
	Oct-06	3.25 - 13.25	708	1,980	360	<2	<5	11	<5	<10
	Jan-07	3.25 - 13.25	1,340	7,820	947	<2	<5	10	<5	<10
	Jun-07	3.25 - 13.25	600	6,400	110	<10	<10	12	<10	<20
	Oct-07	3.25 - 13.25	109	1,100	35	< 2	< 5	< 5	< 5	<10
	Jan-08	3.25 - 13.25	93	1,500	35	<1	<1	<1	<1	<2
	Apr-08	3.25 - 13.25	130	1,570	37	< 2	< 5	4J	< 5	<10
	Jul-08	3.25 - 13.25	34	575	14	< 2	< 5	5	< 5	< 10
	Oct-08	3.25 - 13.25	25	403	9	< 2	< 5	< 5	< 5	< 10
	Jan-09	3.25 - 13.25	24	166	14	< 2	< 5	< 5	< 5	< 10
	Jul-09	3.25 - 13.25	110	68	37	< 1	< 1	< 1	< 1	< 2
	Jan-10	3.25 - 13.25	26	18	8	< 2	< 5	< 5	< 5	< 15
	Aug-10	3.25 - 13.25	8	100	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	3.25 - 13.25	6	210	14	< 2	< 5	< 5	< 5	< 10
	Jul-11	3.25 - 13.25	<5	420	32	< 2	< 5	< 5	< 5	< 10
	Sep-11	3.25 - 13.25	< 5	97	9.7	< 2	< 5	< 5	< 5	< 10
	Jan-12	3.25 - 13.25	8.5	160	11.0	< 2	< 5	< 5	< 5	< 10
	Feb-12	3.25 - 13.25	< 5	360	30.0	< 2	< 5	< 5	< 5	< 10
	Aug-12	3.25 - 13.25	<5	<5	<5	<2	<5	<5	<5	<10
	Oct-12	3.25 - 13.25	5	8	5	<2	<5	<5	<5	<10
						ABANDON WELL				
MW-2R	Feb-13	2.00-22.05	<5	<5	<5	<2	<5	<5	<5	<10
	Aug-13	2.00-22.05	5.4	25	16	<2	<5	<5	<5	<10
	Aug-14	2.00-22.05	36.0	49	22	<2	<5	<5	<5	<10
	Jan-15	2.00-22.05	160.0	320	93	<2	<5	<5	<5	<10
	Mar-15	2.00-22.05	19.0	85	12	<2	<5	<5	<5	<10
MW-4	Jan-98	2.6 - 13.12	< 2	4	< 2	< 2	< 2	< 2	< 2	< 2
	Feb-98	2.6 - 13.12	< 2	15	< 2	< 2	< 2	< 2	< 2	< 2
	Oct-06	2.6 - 13.12	<5	5	<5	<2	<5	<5	<5	<10
	Jan-07	2.6 - 13.12	<5	3J	<5	<2	<5	3J	<5	<10
	Jun-07	2.6 - 13.12	<1	<1	<1	<1	<1	<1	<1	<2
	Oct-07	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	6.0	< 15	<10
	Jan-08	2.6 - 13.12	<1	2	<1	<1	<1	7	<1	<2
	Apr-08	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	9	< 5	<10
	Jul-08	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Oct-08	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-09	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-09	2.6 - 13.12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2
	Jan-10	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-15	2.6 - 13.12	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10

Table 3
Summary of Groundwater Analytical Results
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Screened Interval (ft bls)	VOCs (ug/L) cis-1,2-DCE	PCE	TCE	Vinyl Cloride	trans-1,2-DCE	Benzene	Toluene	Xylenes
MW-5	Jan-98	3.08 - 13.08	<2	16	<2	<2	<2	<2	<2	<2
	Feb-98	3.08 - 13.08	3.0	65	<2	<2	<2	<2	<2	<2
	Oct-06	3.08 - 13.08	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-07	3.08 - 13.08	27	231	26	<2	<5	<5	<5	<10
	Jun-07	3.08 - 13.08	3	10	5	<1	<1	<1	<1	<2
	Oct-07	3.08 - 13.08	77	557	99	< 2	< 5	< 5	< 5	<10
	Jan-08	3.08 - 13.08	7	170	3	<1	<1	<1	<1	<2
	Apr-08	3.08 - 13.08	< 5	8	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	3.08 - 13.08	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Oct-08	3.08 - 13.08	< 5	13	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-09	3.08 - 13.08	< 5	22	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-09	3.08 - 13.08	< 1	5	< 1	< 1	< 1	< 1	< 1	< 2
	Jan-10	3.08 - 13.08	< 5	160	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	3.08 - 13.08	< 5	90	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	3.08 - 13.08	6	11	< 5	< 2	< 5	6	< 5	< 10
	Jul-11	3.08 - 13.08	< 5	8.8	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	3.08 - 13.08	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	3.08 - 13.08	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	3.08 - 13.08	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	3.08 - 13.08	9.2	820	180	< 2	< 5	< 5	< 5	< 10
	Aug-13	3.08 - 13.08	< 5	140	26	< 2	< 5	< 5	< 5	< 10
	Aug-14	3.08 - 13.08	< 5	110	< 5	<2	< 5	< 5	< 5	<10
	Jan-15	3.08 - 13.08	< 5	96	< 5	<2	< 5	< 5	< 5	<10
MW-5D	Jan-98	26.55 - 36.55	<2	1,870	3	<2	<2	<2	<2	<2
	Feb-98	26.55 - 36.55	<2	411	4	<2	<2	<2	<2	<2
	Oct-06	26.55 - 36.55	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-07	26.55 - 36.55	<5	<5	<5	<2	<5	<5	<5	<10
	Jun-07	26.55 - 36.55	<1	<1	<1	<1	<1	<1	<1	<2
	Oct-07	26.55 - 36.55	< 5	< 5	< 5	<2	< 5	< 5	< 5	<10
	Jan-08	26.55 - 36.55	<1	2	<1	<1	<1	<1	<1	<2
	Apr-08	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Oct-08	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-09	26.55 - 36.55	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2
	Jan-10	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	26.55 - 36.55	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	26.55 - 36.55	NA	NA	NA	NA	NA	NA	NA	NA
	Aug-12	26.55 - 36.55	NA	NA	NA	NA	NA	NA	NA	NA
	Feb-13	26.55 - 36.55	NA	NA	NA	NA	NA	NA	NA	NA
	Aug-13	26.55 - 36.55	NA	NA	NA	NA	NA	NA	NA	NA
	Aug-14	26.55 - 36.55	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA
MW-6	Jan-98	3.15 - 13.15	<2	5.0	<2	<2	<2	<2	<2	<2
	Feb-98	3.15 - 13.15	<2	6.0	7.0	<2	<2	<2	<2	<2
	Oct-06	3.15 - 13.15	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-07	3.15 - 13.15	<5	<5	<5	<2	<5	<5	<5	<10
	Jun-07	3.15 - 13.15	<1	4	<1	<1	<1	<1	<1	<2
	Oct-07	3.15 - 13.15	<5	<5	<5	<2	< 5	< 5	< 5	<10
	Jan-08	3.15 - 13.15	<1	3	<1	<1	<1	<1	<1	<2
	Apr-08	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Oct-08	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-09	3.15 - 13.15	1.0	1	1.0	< 1	< 1	< 1	< 1	< 2
	Jan-10	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	9.4	< 5	< 10
	Feb-12	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	9.4	< 5	< 10
	Aug-12	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	3.15 - 13.15	< 5	< 5	< 5	<2	< 5	< 5	< 5	
	Jan-15	3.15 - 13.15	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10

Table 3
Summary of Groundwater Analytical Results
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Screened Interval (ft bls)	VOCs (ug/L) cis-1,2-DCE	PCE	TCE	Vinyl Cloride	trans-1,2-DCE	Benzene	Toluene	Xylenes
MW-7	Jan-98	2.95 - 12.95	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Feb-98	2.95 - 12.95	< 2	57.0	< 2	< 2	< 2	< 2	21	< 2
	Oct-06	2.95 - 12.95	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-07	2.95 - 12.95	<5	<5	<5	<2	<5	<5	<5	<10
	Jun-07	2.95 - 12.95	<1	<1	<1	<1	<1	<1	<1	<2
	Oct-07	2.95 - 12.95	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-08	2.95 - 12.95	<1	<1	<1	<1	<1	<1	<1	<2
	Apr-08	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Oct-08	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-09	2.95 - 12.95	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2
	Jan-10	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-15	2.95 - 12.95	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
MW-8	Jan-98	4.425 - 19.45	<2	1,010	2.0	<2	<2	<2	<2	<2
	Feb-98	4.425 - 19.45	<2	**10,000**	4.0	<2	<2	<2	<2	<2
	Jan-07	4.425 - 19.45	<5	238	5	<2	<5	<5	<5	<10
	Jun-07	4.425 - 19.45	<1	95	3	<1	<1	<1	<1	<2
	Oct-07	4.425 - 19.45	<5	33	<5	<2	<5	<5	<5	<10
	Jan-08	4.425 - 19.45	<1	110	3	<1	<1	<1	<1	<2
	Apr-08	4.425 - 19.45	4J	603	17	< 2	< 5	< 5	< 5	<10
	Jul-08	4.425 - 19.45	< 5	159	5	< 2	< 5	< 5	< 5	<10
	Oct-08	4.425 - 19.45	< 5	144	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	4.425 - 19.45	< 5	353	8	< 2	< 5	< 5	< 5	<10
	Jul-09	4.425 - 19.45	< 1	110	1	< 1	< 1	< 1	< 1	< 2
	Jan-10	4.425 - 19.45	< 5	290	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	4.425 - 19.45	< 5	160	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	4.425 - 19.45	< 5	120	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	4.425 - 19.45	< 5	23	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	4.425 - 19.45	< 5	48	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	4.425 - 19.45	< 5	310	< 5	< 2	< 5	< 5	< 5	< 10
						ABANDON WELL				
MW-8R	Feb-13	2.00-19.05	17	2,600	840	< 2	< 5	< 5	< 5	< 10
	Aug-13	2.00-19.05	43	1,800	1,300	< 2	< 5	< 5	< 5	< 10
	Aug-13	2.00-19.05	< 5	16	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	2.00-19.05	73	1,000	340	< 2	< 5	< 5	< 5	< 10
	Jan-15	2.00-19.05	250	8,800	1,700	< 2	60	< 5	< 5	< 10
	Mar-15	2.00-19.05	430	8,700	1,700	<2	31	< 5	< 5	< 10
MW-8D	Jan-98	29.42 - 39.42	< 2	4.0	< 2	< 2	< 2	< 2	< 2	< 2
	Feb-98	29.42 - 39.42	< 2	4.0	< 2	< 2	< 2	< 2	< 2	< 2
	Oct-06	29.42 - 39.42	<5	12	<5	<2	<5	<5	<5	<10
	Jan-07	29.42 - 39.42	<5	11	<5	<2	<5	<5	<5	<10
	Jun-07	29.42 - 39.42	<1	<1	<1	<1	<1	<1	<1	<2
	Oct-07	29.42 - 39.42	<5	<5	<5	<2	<5	<5	<5	<10
	Jan-08	29.42 - 39.42	<1	51	<1	<1	<1	<1	<1	<2
	Apr-08	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Oct-08	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	<10
	Jul-09	29.42 - 39.42	< 1	1	< 1	< 1	< 1	< 1	< 1	< 2
	Jan-10	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 15
	Jan-11	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-15	29.42 - 39.42	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10

Table 3
Summary of Groundwater Analytical Results
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Screened Interval (ft bls)	VOCs (ug/L) cis-1,2-DCE	PCE	TCE	Vinyl Cloride	trans-1,2-DCE	Benzene	Toluene	Xylenes
MW-12D	Jan-98	28.47 - 38.47	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Feb-98	28.47 - 38.47	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	Oct-06	28.47 - 38.47	99	340	19	<2	<5	7	8	<10
	Jan-07	28.47 - 38.47	44	752	19	<2	<5	3J	12	<10
	Jun-07	28.47 - 38.47	32	540	12	<1	<1	5	7	<2
	Oct-07	28.47 - 38.47	21	338	9	< 2	< 5	4J	5	<10
	Jan-08	28.47 - 38.47	8	99	2	<1	<1	6	2	<2
	Apr-08	28.47 - 38.47	8	118	< 5	< 2	< 5	< 5	< 5	<10
	Jul-08	28.47 - 38.47	5	118	< 5	< 2	< 5	< 5	< 5	<10
	Oct-08	28.47 - 38.47	5	72	< 5	< 2	< 5	< 5	< 5	<10
	Jan-09	28.47 - 38.47	117	16	< 5	< 2	< 5	< 5	< 5	<10
	Jul-09	28.47 - 38.47	120	52	10	< 1	< 1	2	1	< 2
	Jan-10	28.47 - 38.47	160	15	< 5	< 2	< 5	< 5	< 5	< 15
	Aug-10	28.47 - 38.47	120	12	6	< 2	< 5	8	< 5	< 15
	Jan-11	28.47 - 38.47	150	8	< 5	< 2	< 5	7	< 5	< 10
	Jul-11	28.47 - 38.47	120	<5	< 5	< 2	< 5	5.9	< 5	< 10
	Feb-12	28.47 - 38.47	54	<5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	28.47 - 38.47	13	12	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	28.47 - 38.47	11	<5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	28.47 - 38.47	< 5	19	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	28.47 - 38.47	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-15	28.47 - 38.47	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	Jul-11	3.6 - 13.6	14	8	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	3.6 - 13.6	11	11	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-12	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-15	3.6 - 13.6	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
POD-1	Jul-11	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jul-11	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-12	3.1 - 13.1	< 5	22	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-12	3.1 - 13.1	< 5	12	< 5	< 2	< 5	< 5	< 5	< 10
	Oct-12	3.1 - 13.1	< 5	6	< 5	< 2	< 5	< 5	< 5	< 10
	Feb-13	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-13	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Aug-14	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10
	Jan-15	3.1 - 13.1	< 5	< 5	< 5	< 2	< 5	< 5	< 5	< 10

Notes:

NP	Monitor Well Not Present
VOCs	Volatile Organic Compounds
ug/L	micrograms per Liter
ft bls	feet below land surface
DCE	dichloroethene
PCE	tetrachloroethene
TCE	trichloroethene
<5	Below Laboratory Detection Limit

Table 4
Summary of Sub-slab Soil Gas Analytical Results
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	VOCs (mg/m^3)							
		cis-1,2-DCE	PCE	TCE	Vinyl Cloride	trans-1,2-DCE	Benzene	Toluene	Xylenes
SV-2	07/11/11	< 40	15,000	< 55	< 26	< 80	110	280	140
SV-3	07/11/11	1300	420,000	10,000	< 260	< 800	< 320	< 380	< 44
SV-4	07/11/11	< 400	66,000	770	< 260	< 800	< 320	< 380	< 880
SV-1R	06/12/13	< 8.0	2,300	< 11	< 5.2	< 16	<6.5	7.8	< 18
SV-2R	06/12/13	< 4.0	480	<5.5	< 2.6	< 8.0	< 3.2	11	31.2
SV-3R	06/12/13	< 20	7,800	100	< 13	< 40	< 16	< 19	< 66
SV-4R	06/12/13	130	47,000	1,400	< 26	< 80	< 32	< 38	< 88
SV-5R	06/12/13	< 40	29,000	680	< 26	< 80	< 30	< 38	< 132

Notes:

VOCs	Volatile Organic Compounds
ug/m^3	micrograms per cubic meter of air
DCE	dichloroethene
PCE	tetrachloroethene
TCE	trichloroethene
<5	Below Laboratory Detection Limit

TABLE 5: Risk Calculations - Vogue Cleaners

Allowed Indoor Air Values from the EPA Regional Screening Values UpdatedMay 2014 RSLs

Sub-slab Soil Gas Data

		SV-1			SV-2			SV-3			SV-4			SV-5	
Compound	Soil Gas Screening Value* ug/m3	Measured Conc ug/m3	Calculated Risk		Measured Conc ug/m3	Calculated Risk		Measured Conc ug/m3	Calculated Risk		Measured Conc ug/m3	Calculated Risk		Measured Conc ug/m3	Calculated Risk
Cancer Risk															
Acetone	45,161,290	84	No IUR		69	No IUR									
Toluene	7,096,774	7.8	2E-07		11	No IUR									
Tetrachloroethyelene (PCE)	58,065	2300	No IUR		480	3.20E-08		7800	5.10E-07		47000	3.10E-06		29000	1.90E-06
Trichloroethene (TCE)	2,839							100	1.00E-07		1400	1.50E-06		680	7.00E-07
4-Methyl-2-Pentanone (MIBK)	4,193,548				12	No IUR									
Xylenes	141,935				31.2	No IUR									
1,2,4-Trimethylbenzene	10,000				20	No IUR									
Non-Cancer Hazard Quotient (HQ)			**HQ**			**HQ**			**HQ**			**HQ**			**HQ**
Acetone	45,161,290	84	1.9E-06		69	1.6E-06									
Toluene	7,096,774	7.8	1.1E-06		11	1.6E-06									
Tetrachloroethyelene (PCE)	58,065	2300	0.040		480	8.5E-03		7800	1.40E-02		47000	0.830		29000	0.510
Trichloroethylene (TCE)	2,839							100	3.50E-03		1400	0.500		680	0.240
4-Methyl-2-Pentanone (MIBK)	4,193,548				12	2.8E-06									
Xylenes	141,935				31.2	2.2E-04									
1,2,4-Trimethylbenzene	10,000				20	7.1E-03									

* As discussed in text, screening level = commercial indoor air RSL/0.0029*2

Default Values Used in These Calculations:

Soil gas attenuation factor of 0.0031 (based on emperical data)

Assume Residential Room ventilation rate of 0.5 room exchange/hour

FIGURES

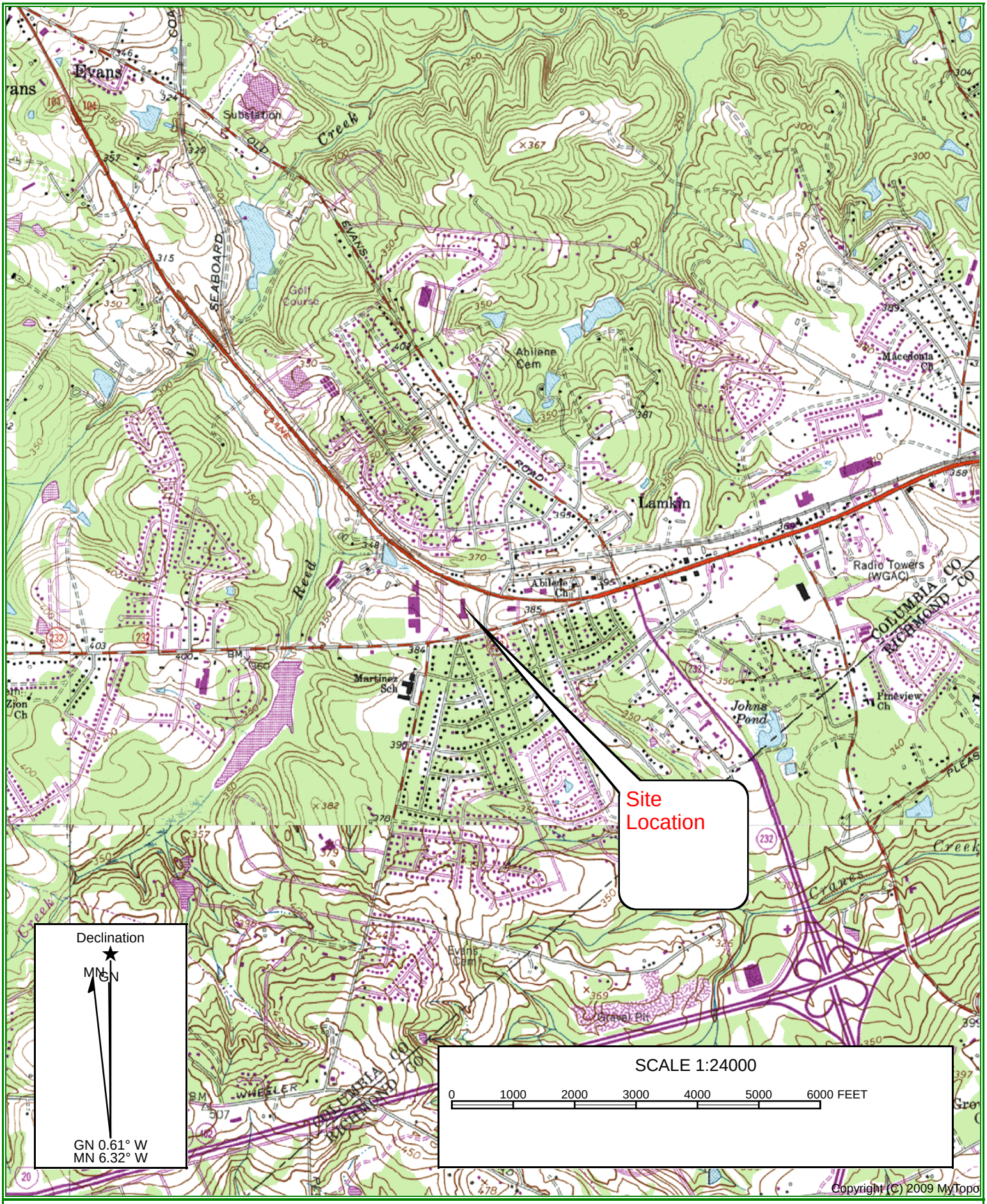


Figure 1: Site Location Map
Former Vogue Cleaners
Martinez, Georgia

Map: MARTINEZ QUAD

Copyright (C) 2009 MyTopo

Datum: NAD27

MONTEREY MEXICAN RESTAURANT BUILDING

PARCEL 079088

END OF CURB

MW-6

PARCEL 079133

MW-7

PARCEL 079087

POD-1

MW-5

MW-12D

SYSTEM ENCLOSURE

SAFELITE AUTO GLAS
AND DUNLOP TIRES
(COLUMBIA CAR CARE

MW-8D

MW-13

MW-22

FORMER VOGUE CLEANERS

MW-2R

MW-8R

MW-4

RETENTION WALL

PROPERTY LINE

MW-1

COLUMBIA SQUARE SHOPPING CENTER

LEGEND

PROPERTY LINE

EXISTING MONITOR WELL LOCATION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
MDM	11/22/13	--	--	WFM	MDM	WFM

SCALE 0 25 scale feet

Site Plan
Vogue Cleaners
Martinez, Georgia

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.	--	
DESIGN	WFM	11/22/13
CADD	WFM	11/22/13
CHECK	MDM	11/22/13
REVIEW	MDM	11/22/13

FILE No. --
SCALE AS SHOWN | REV. MDM

Figure 2

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Genesis Project, Inc.
1258 Concord Rd
Smyrna, Georgia 30080
Telephone: 770-319-7217
Fax: 770-319-7219

FIGURE 3A
SUBSURFACE DIAGRAM
A–A'

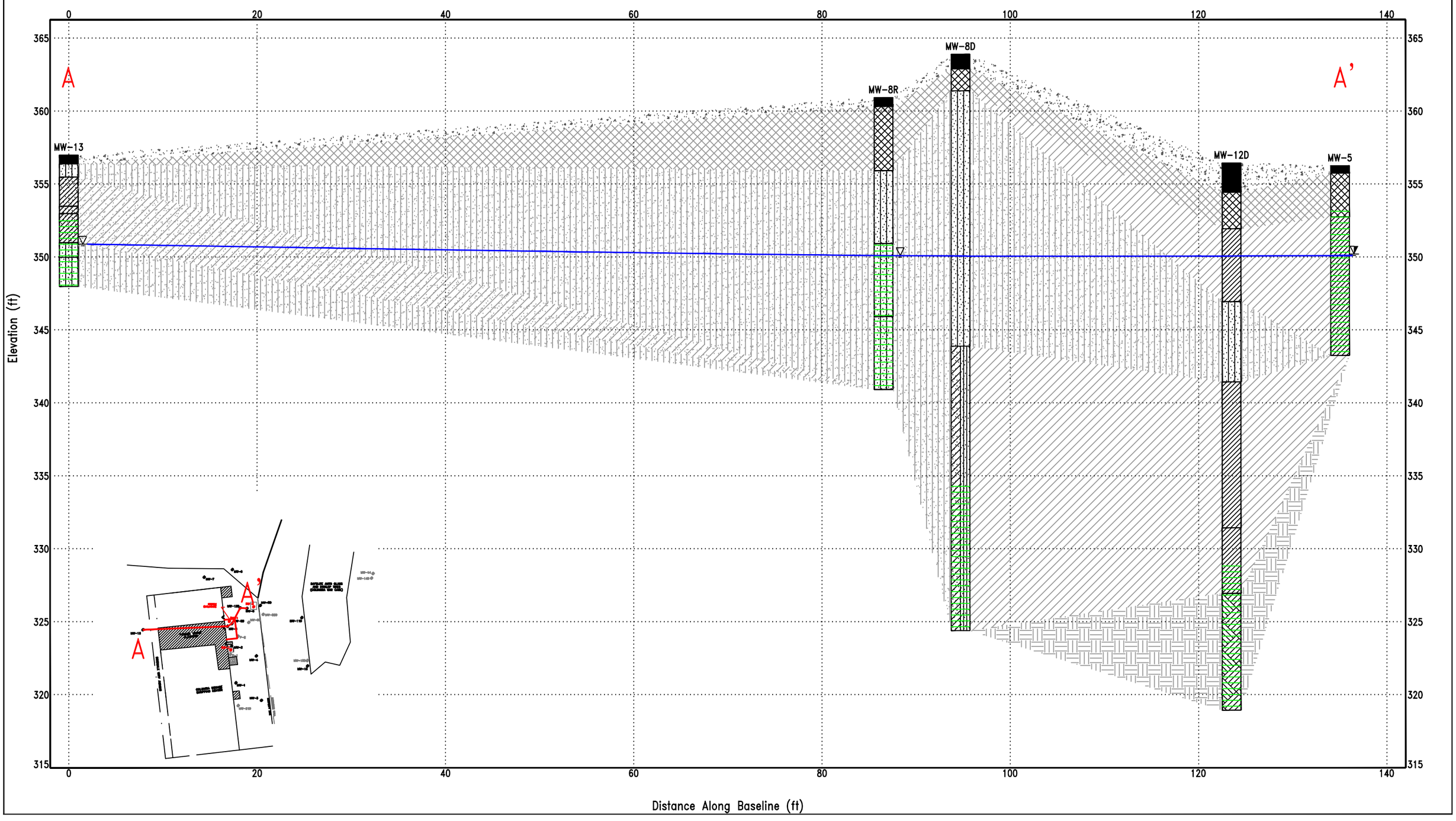
CLIENT Morgan Stanley

PROJECT NUMBER

PROJECT NAME Former Vogue Cleaners

PROJECT LOCATION Martinez, Georgia

Asphalt
USCS Silty Sand
USCS Clayey Sand
Fill (made ground)
Bedrock
USCS Low Plasticity Clay
USCS Low Plasticity Sandy Clay



Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Genesis Project, Inc.
1258 Concord Rd
Smyrna, Georgia 30080
Telephone: 770-319-7217
Fax: 770-319-7219

FIGURE 3B
SUBSURFACE DIAGRAM B–B'
AUGUST 23, 2013

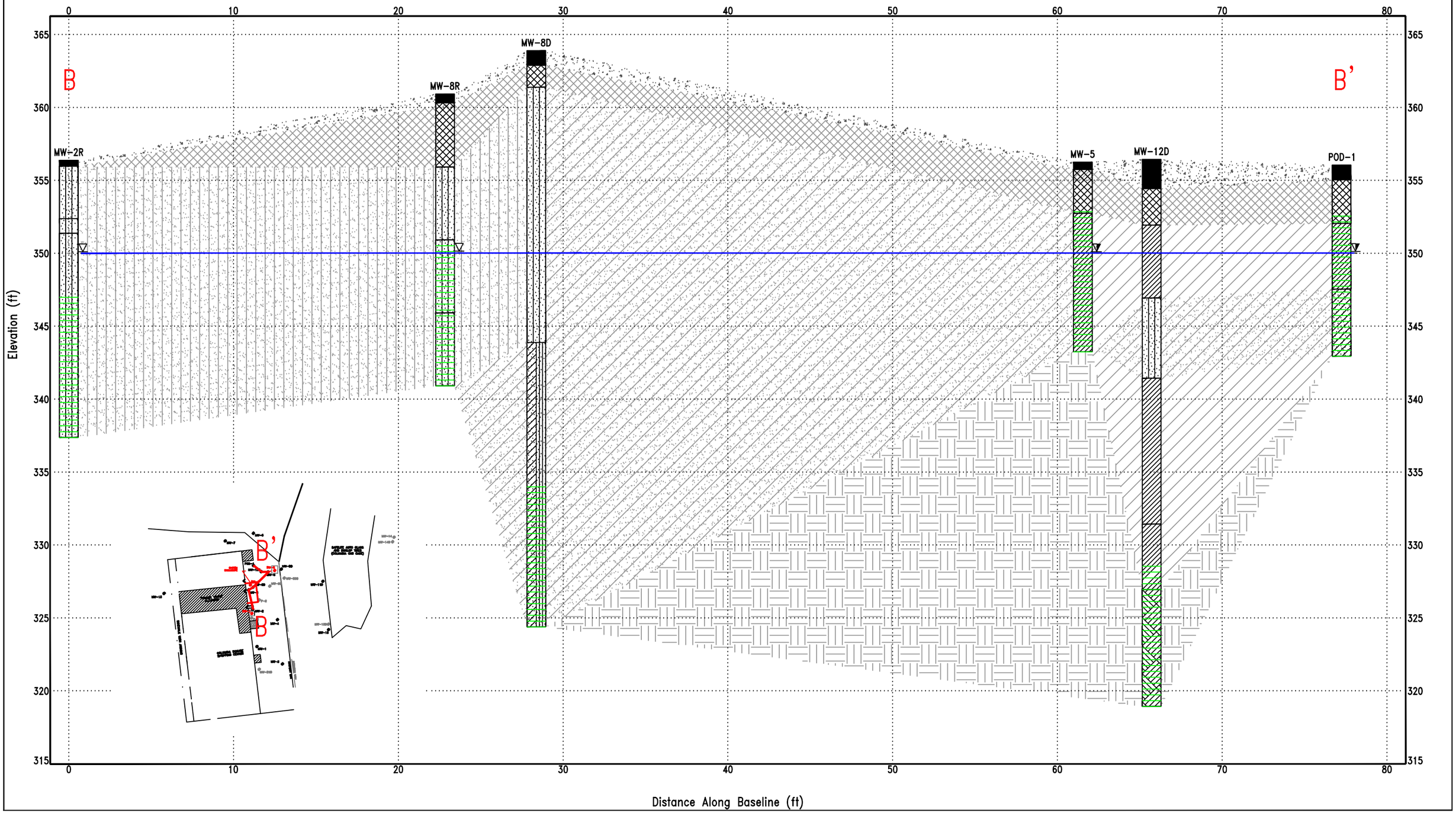
CLIENT Morgan Stanley

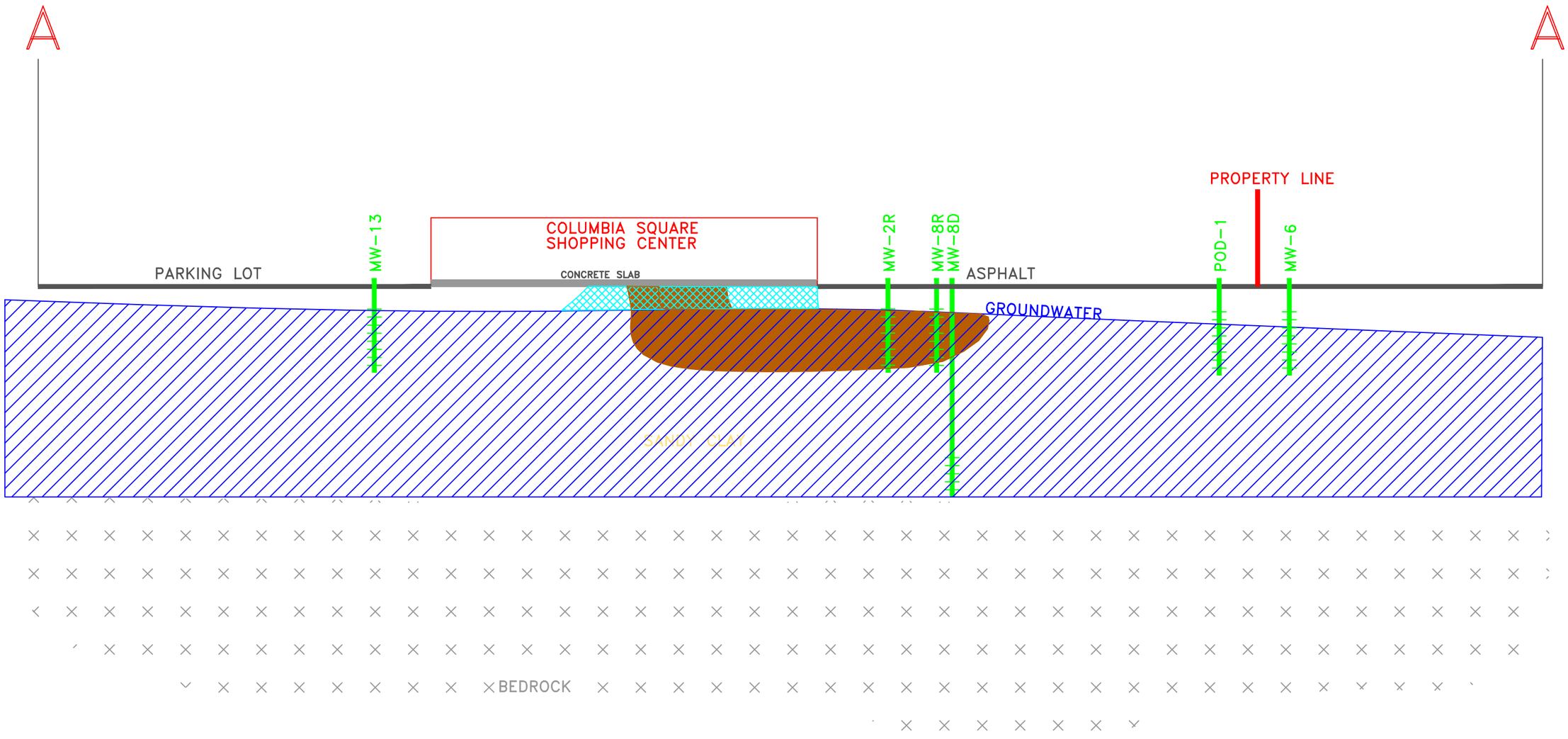
PROJECT NUMBER

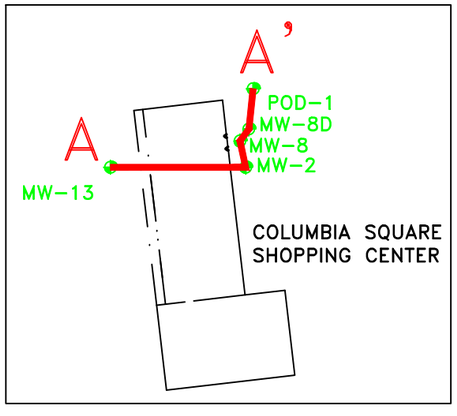
PROJECT NAME Former Vogue Cleaners

PROJECT LOCATION Martinez, Georgia

Asphalt
Bedrock
USCS Clayey Sand
Fill (made ground)
USCS Low Plasticity Clay
Screened Interval
USCS Clayey Sand
USCS Silty Sand







LEGEND:

- IMPACTED SOIL
- POTENTIALLY IMPACTED SOIL VAPOR
- IMPACTED GROUNDWATER
- GROUNDWATER
- SCREENED INTERVAL

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1	--	--	--	JAT	MDM	MDM

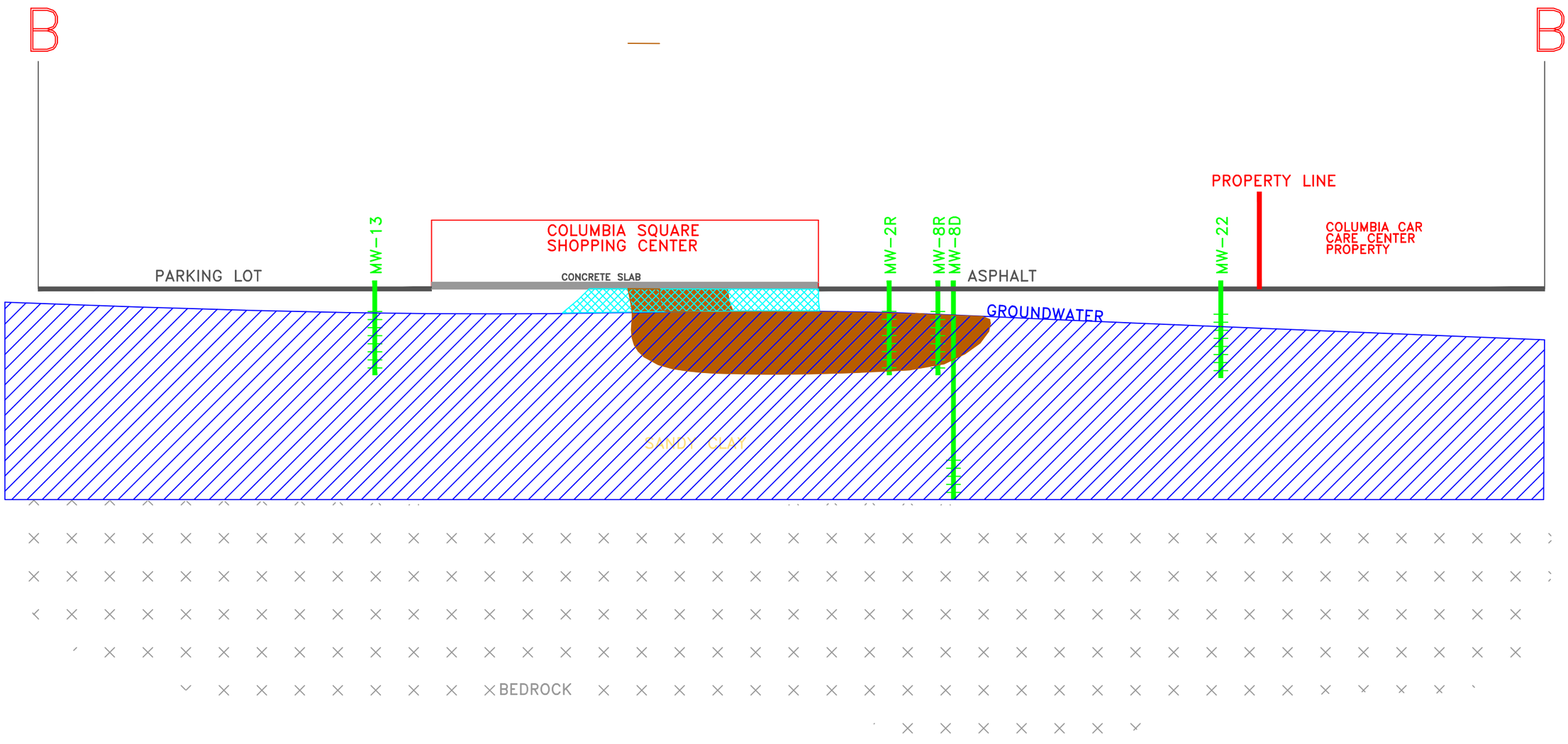
SCALE 0 25
SCALE IN FEET

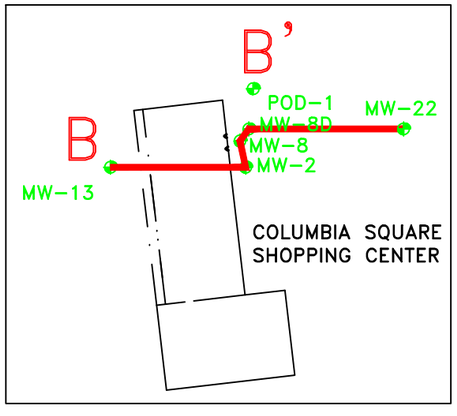
CONCEPTUAL SITE MODEL
FORMER VOGUE CLEANERS
COLUMBIA SQUARE SHOPPING CENTER
MARTINEZ, GEORGIA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Atlanta, Ga

PROJECT No.		CSS	FILE No.		--
DESIGN	JAT	9/17/12	SCALE	AS SHOWN	REV. --
CADD	JAT	9/17/12			
CHECK	MDM	9/17/12			
REVIEW	MDM	917/12			

Figure
4A





LEGEND:

- IMPACTED SOIL
- POTENTIALLY IMPACTED SOIL VAPOR
- IMPACTED GROUNDWATER
- GROUNDWATER
- SCREENED INTERVAL

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
△	--	--	--	JAT	MDM	MDM

SCALE 0 25
SCALE IN FEET

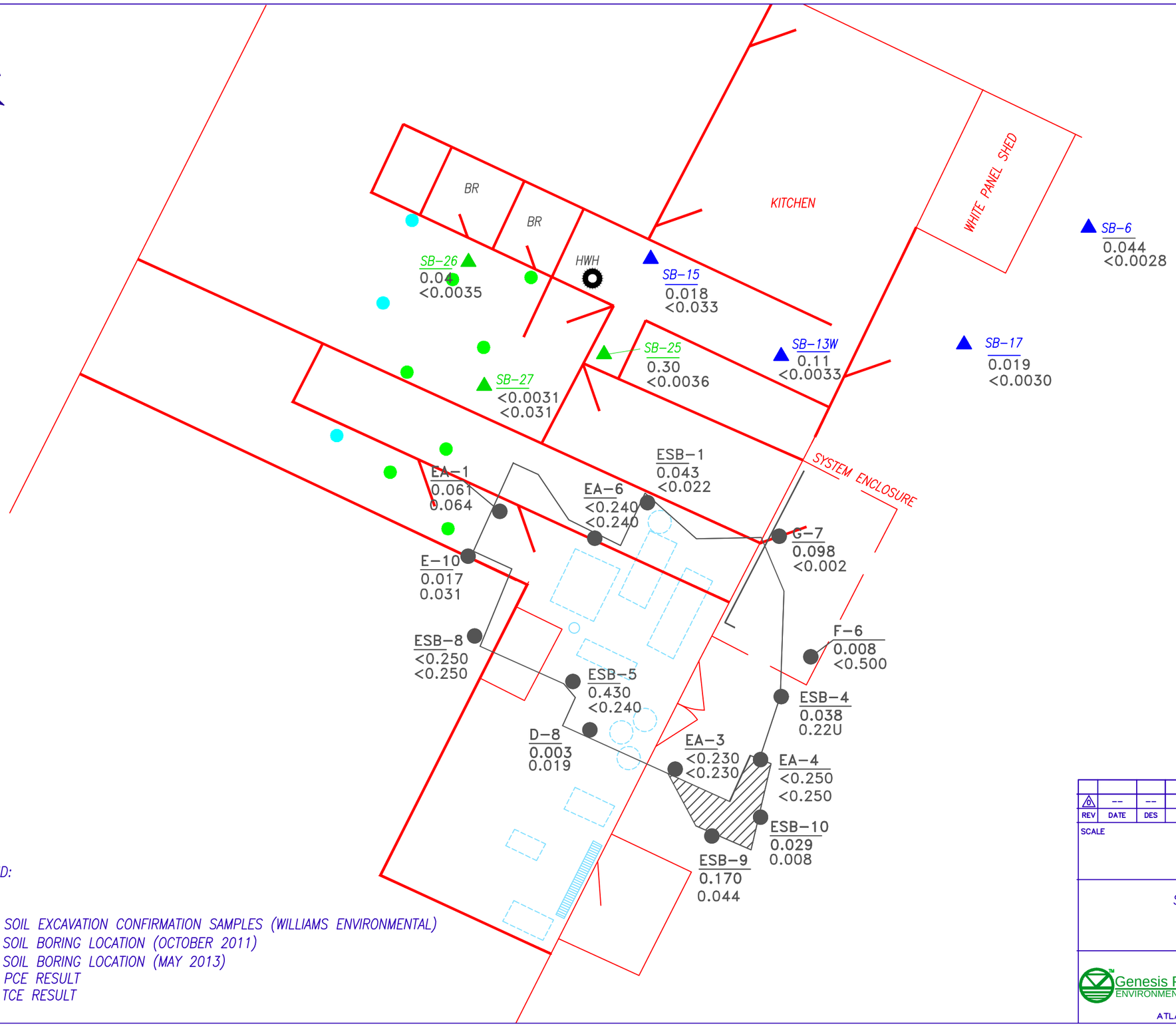
CONCEPTUAL SITE MODEL
FORMER VOGUE CLEANERS
COLUMBIA SQUARE SHOPPING CENTER
MARTINEZ, GEORGIA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Atlanta, Ga

PROJECT No.	CSS	
DESIGN	JAT	9/17/12
CADD	JAT	9/17/12
CHECK	MDM	9/17/12
REVIEW	MDM	9/17/12

FILE No. --
SCALE AS SHOWN REV. --

Figure 4B



LEGEND:

ESB-8 ●	SOIL EXCAVATION CONFIRMATION SAMPLES (WILLIAMS ENVIRONMENTAL)
SB-1 ▲	SOIL BORING LOCATION (OCTOBER 2011)
SB-25 ▲	SOIL BORING LOCATION (MAY 2013)
<0.0033	PCE RESULT
<0.0033	TCE RESULT

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	JAT	MDM	MDM

SCALE 0 5 10 SCALE FEET

SUMMARY OF SOIL ANALYTICAL RESULTS
FORMER VOGUE CLEANERS
MARTINEZ, GEORGIA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
ATLANTA,GA

PROJECT No.	--		FILE No.	--	
DESIGN	JAT	3/7/12	SCALE	AS SHOWN	REV. --
CADD	JAT	3/7/12	Figure 5		
CHECK	MDM	3/7/12			
REVIEW	MDM	3/7/12			

MONTEREY MEXICAN RESTAURANT BUILDING

PARCEL 079088

END OF CURB

MW-6
350.51

PARCEL 079133

350.6

MW-7
350.52

PARCEL 079087

POD-1
350.51

MW-5
350.52

MW-12D
NA

SYSTEM ENCLOSURE

350.7

MW-8D*
350.82

MW-13
350.94

350.8

MW-22
350.55

FORMER VOGUE CLEANERS

MW-2R
350.75

MW-8R
350.62

MW-4
350.74

MW-1
351.45

COLUMBIA SQUARE SHOPPING CENTER

RETENTION WALL

PROPERTY LINE

SAFELITE AUTO GLAS
AND DUNLOP TIRES
(COLUMBIA CAR CARE

LEGEND

PROPERTY LINE

EXISTING MONITOR WELL LOCATION

MW-1 WELL ID

351.45 GROUNDWATER ELEVATION

POTENTIOMETRIC CONTOUR

GROUNDWATER FLOW DIRECTION

*NOTE – Not used in calculating potentiometric surface

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	JAT	MDM	MDM

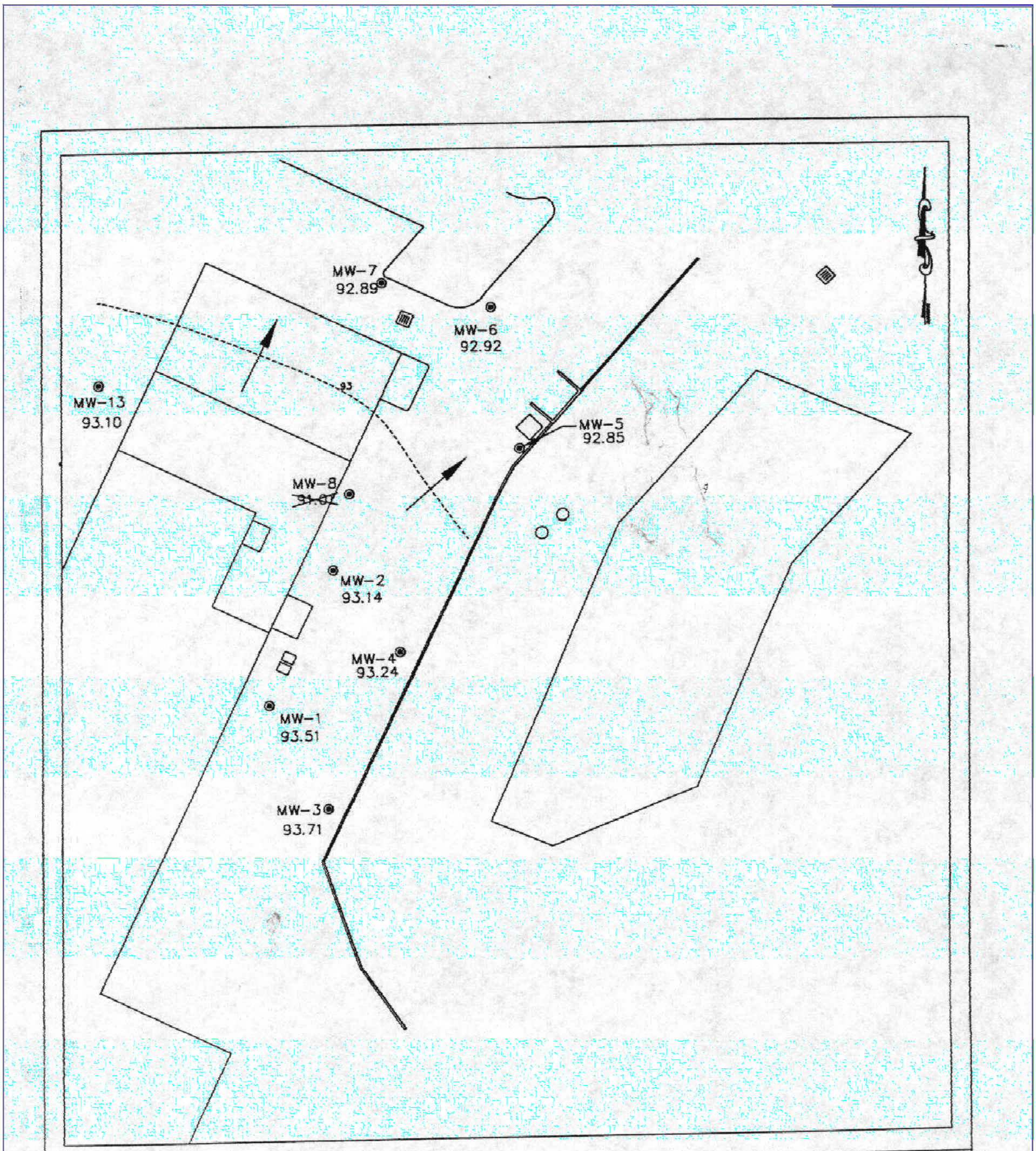
SCALE 0 25 scale feet

Potentiometric Surface Map
Vogue Cleaners
Martinez, Georgia

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.	--	FILE No.	--
DESIGN	JAT 3/30/15	SCALE AS SHOWN	REV. 0
CADD	JAT 3/30/15		
CHECK	MDM 3/30/15		
REVIEW	MDM 3/30/15		

Figure 6



NOTES

1' CONTOUR INTERVAL

GENERAL DIRECTION OF GROUNDWATER FLOW

SURVEYING CONDUCTED BY:
John M. Bailey & Associates P.C.
PROFESSIONAL LAND SURVEYORS
110 WILDE DRIVE, BELVEDERE, S.C. 29841
(803) 278-0721

CADD FILE: I:\projects\25392\cad\groundwater.dwg

ENVIRONMENTAL SITE INVESTIGATION

COLUMBIA SQUARE SHOPPING CENTER (VOGUE CLEANERS)
MARTINEZ, GEORGIA

DATE: FEB 1998 | PROJECT NO.: 25392
DRAWN BY: GDK | REVIEWED BY: MDG

EARTH TECH

POTENTIOMETRIC SURFACE MAP - SHALLOW WELLS - FEB '98

0 40 80
SCALE IN FEET

FIGURE NO.: 5b

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	JAT	MDM	MDM

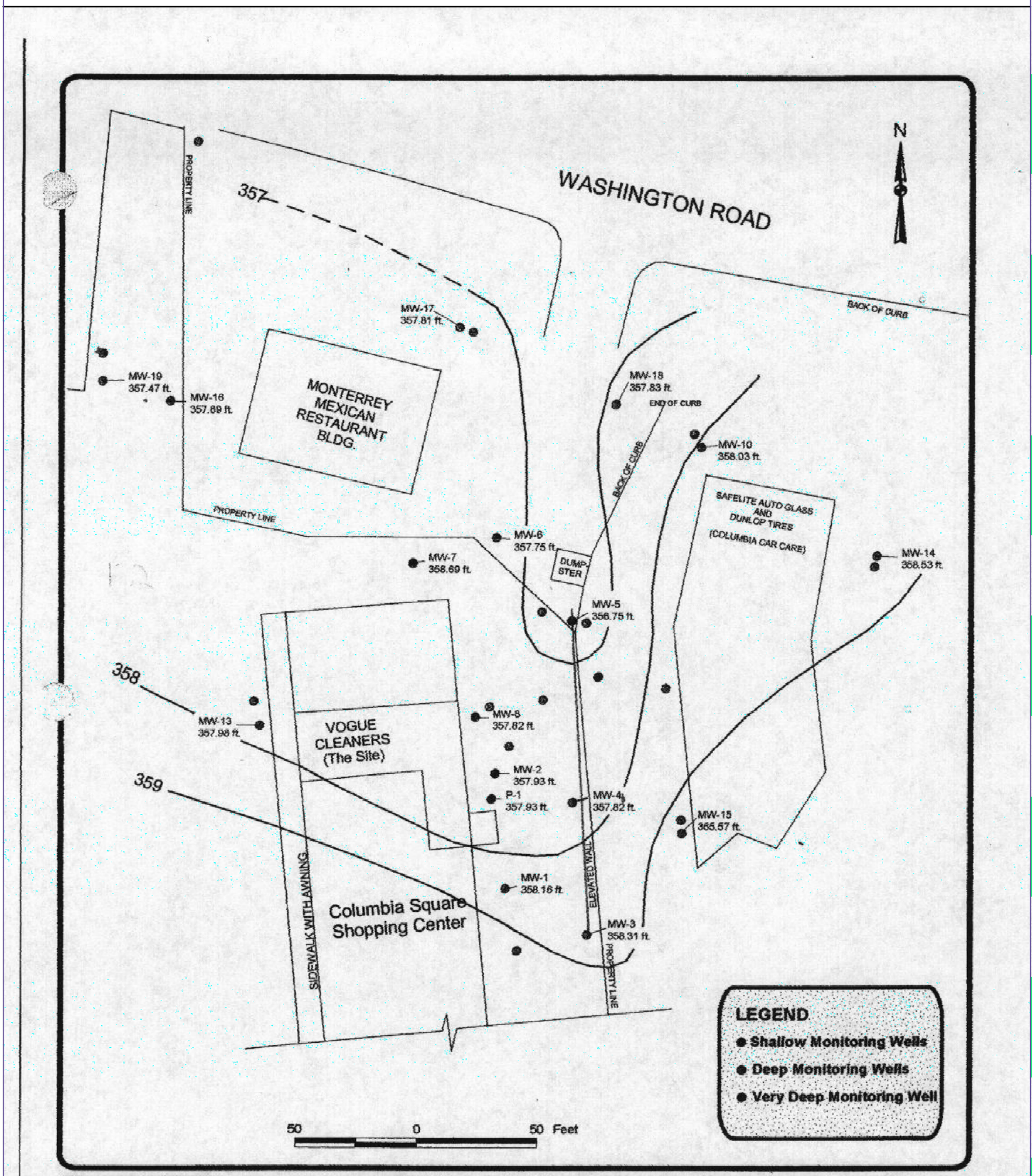
SCALE

Historic Potentiometric Surface Map
Vogue Cleaners
Martinez, Georgia

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.	--	FILE No.	--
DESIGN	JAT 3/30/15	SCALE	AS SHOWN REV. 0
CADD	JAT 3/30/15		
CHECK	MDM 3/30/15		
REVIEW	MDM 3/30/15		

Figure 6B



DESIGNED	-
DRAWN	GIS/DMH
CHECKED	-
DATE	10/16/2002
PROJ. NUMBER	1525-0250
FIGURE NO.	7

JUNE 2002
GROUNDWATER ELEVATIONS
FOR SHALLOW WELLS

VOGUE CLEANERS
MARTINEZ, GEORGIA

Prepared By:
Williams Environmental Services, Inc.
A Subsidiary of Williams Group International, Inc.
500 Chase Park South, Suite 150
Birmingham, Alabama 35244
205-988-8305 Fax: 205-988-5249

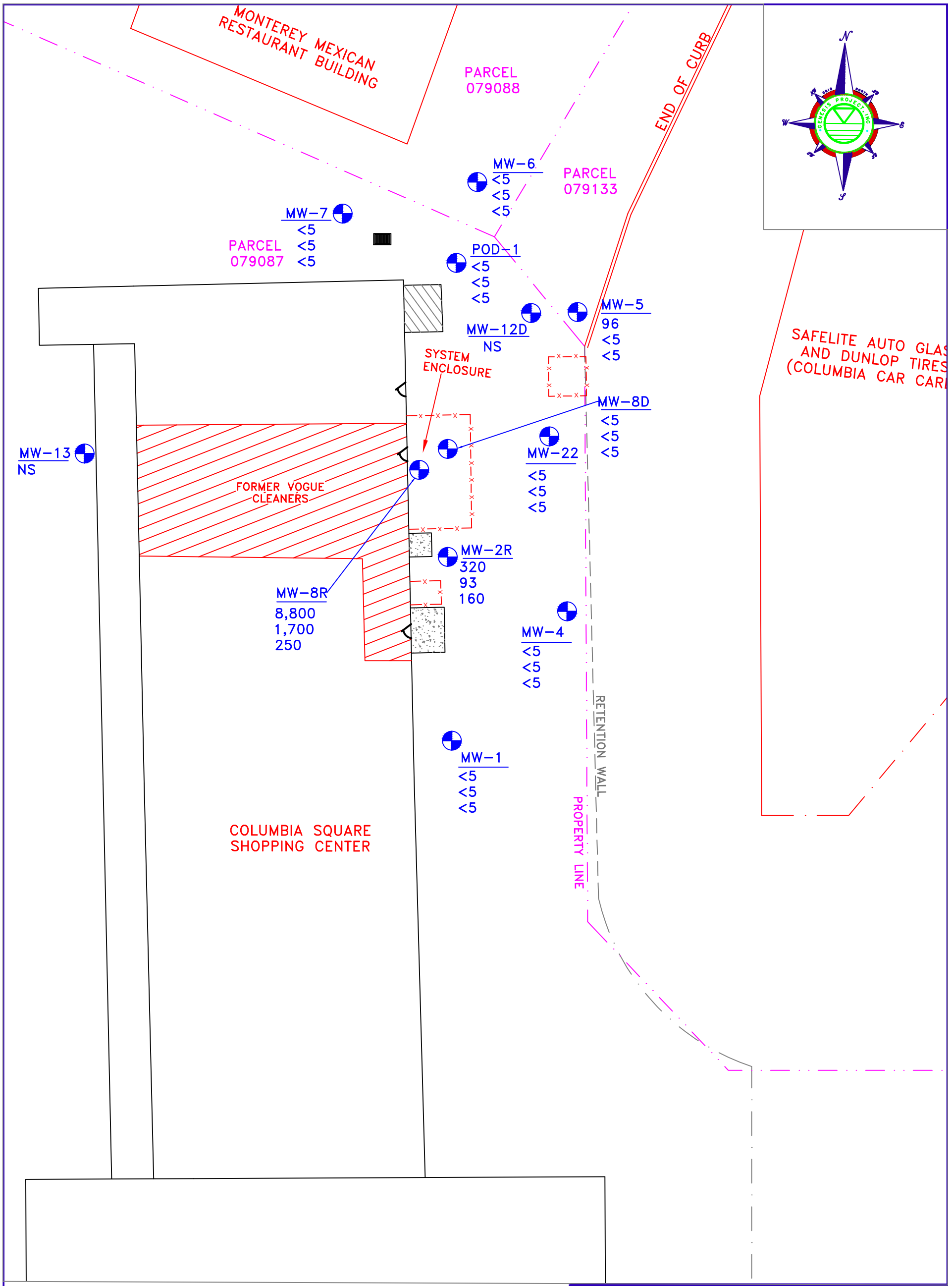
REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	JAT	MDM	MDM

SCALE

Historic Potentiometric Surface Map
Vogue Cleaners
Martinez, Georgia

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.	--		FILE No.	--	
DESIGN	JAT	3/30/15	SCALE	AS SHOWN	REV. 0
CADD	JAT	3/30/15	Figure 6C		
CHECK	MDM	3/30/15			
REVIEW	MDM	3/30/15			



LEGEND

— · · —	PROPERTY LINE
⊕	EXISTING MONITOR WELL LOCATION
MW-1	WELL ID
<5	PCE RESULT (ug/L)
<5	TCE RESULT (ug/L)
<5	cis-1,2-DCE RESULT (ug/L)

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	JAT	--	JAT	MDM	MDM

SCALE 0 25 scale feet

Groundwater Analytical Map
Vogue Cleaners
Martinez, Georgia

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.	--		FILE No.	--	
DESIGN	JAT	3/30/15	SCALE	AS SHOWN	REV. 0
CADD	JAT	3/30/15			
CHECK	MDM	3/30/15			
REVIEW	MDM	3/30/15			

Figure 7

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Genesis Project, Inc.
1258 Concord Rd
Smyrna, Georgia 30080
Telephone: 770-319-7217
Fax: 770-319-7219

FIGURE 7B
PCE RESULTS
JANUARY 15, 2015

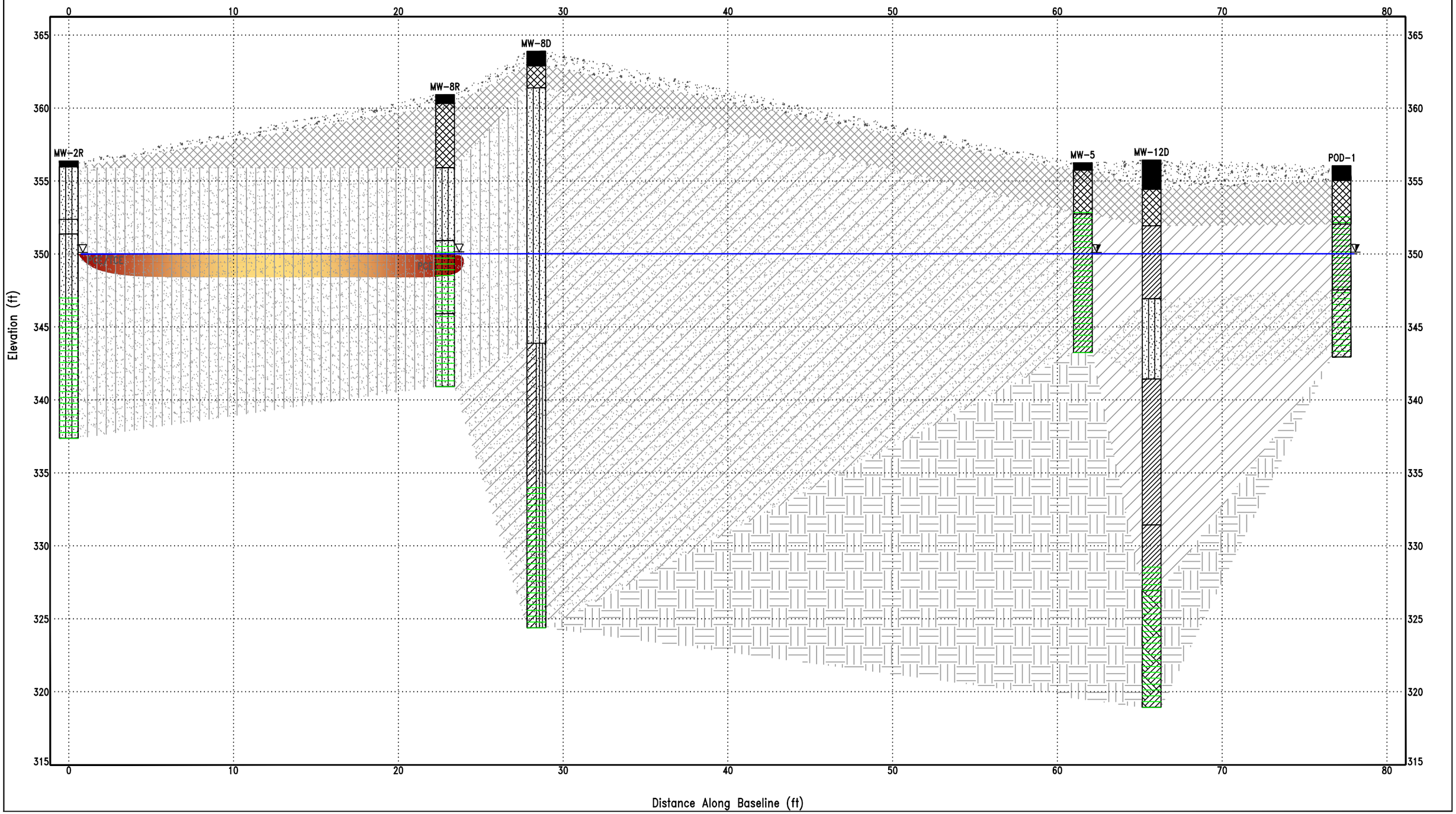
CLIENT Morgan Stanley

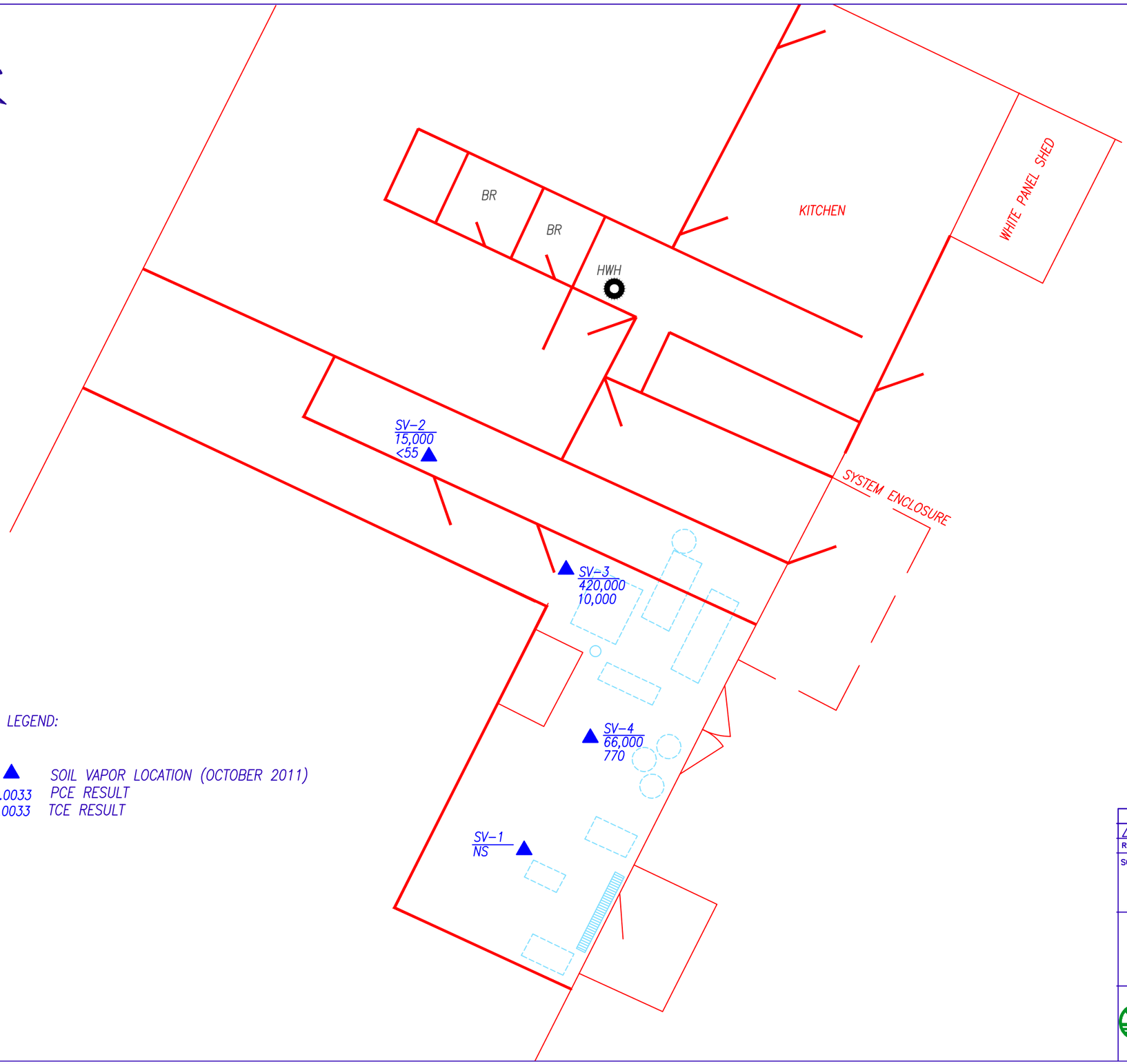
PROJECT NUMBER

PROJECT NAME Former Vogue Cleaners

PROJECT LOCATION Martinez, Georgia

Asphalt
Bedrock
USCS Clayey Sand
Fill (made ground)
USCS Low Plasticity Clay
Screened Interval
USCS Clayey Sand
USCS Silty Sand





LEGEND:

SV-1 ▲ SOIL VAPOR LOCATION (OCTOBER 2011)
<0.0033 PCE RESULT
<0.0033 TCE RESULT

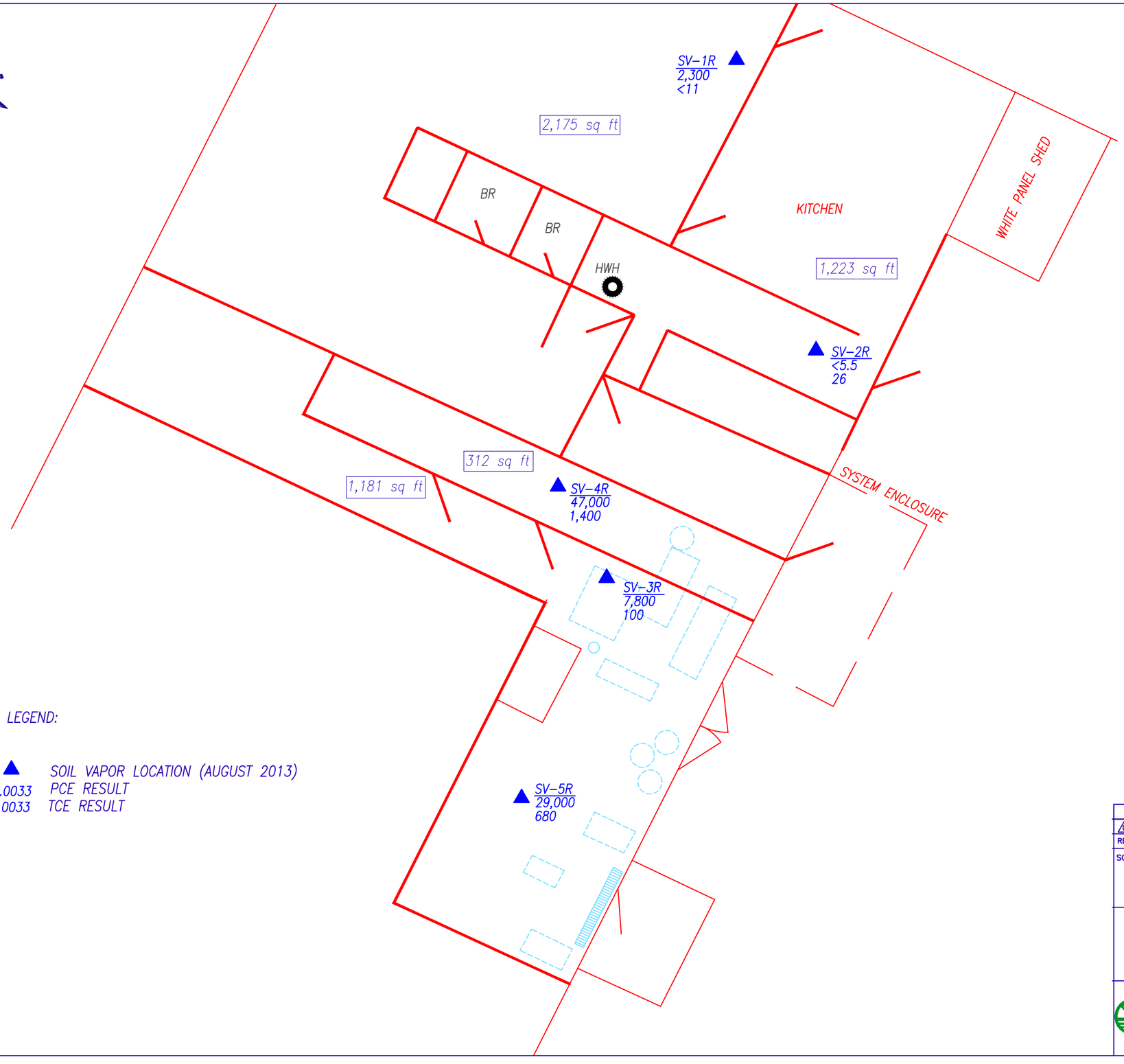
REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	JAT	MDM	MDM

SCALE 0 5 10
SCALE FEET

2011 SUB-SLAB SOIL GAS ANALYTICAL RESULTS
FORMER VOGUE CLEANERS
MARTINEZ, GEORGIA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
ATLANTA,GA

PROJECT No.	--		FILE No.	--	
DESIGN	JAT	3/7/12	SCALE	AS SHOWN	REV. --
CADD	JAT	3/7/12	Figure 8A		
CHECK	MDM	3/7/12			
REVIEW	MDM	3/7/12			



LEGEND:

SV-1R ▲ SOIL VAPOR LOCATION (AUGUST 2013)
<0.0033 PCE RESULT
<0.0033 TCE RESULT

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	--	--	--	WFM	MDM	MDM

SCALE 0 5 10
SCALE FEET

2013 SUB-SLAB SOIL GAS ANALYTICAL RESULTS
FORMER VOGUE CLEANERS
MARTINEZ, GEORGIA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
ATLANTA,GA

PROJECT No.	--		FILE No.	--	
DESIGN	WFM	11/15/13	SCALE	AS SHOWN	REV. --
CADD	WFM	11/15/13	Figure 8B		
CHECK	MDM	11/15/13			
REVIEW	MDM	11/15/13			

APPENDIX A
LEGAL DESCRIPTION OF PROPERTY

Vogue Cleaners-Columbia Square
4020 Washington Road
Augusta, GA 30907

Inquiry Number: 2777972.1
June 01, 2010

The EDR Environmental LienSearch™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

The EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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The EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

4020 Washington Road
Vogue Cleaners-Columbia Square
Augusta, GA 30907

RESEARCH SOURCE

Source 1:

Columbia Clerk of Court
Columbia, GA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Limited Warranty Deed
Title is vested in:	Columbia Square Investors, LLC
Title received from:	The Equitable Life Assurance Society of the United
Deed Dated	11/20/2001
Deed Recorded:	12/4/2001
Book:	2879
Page:	123
Volume:	NA
Instrument:	NA
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	see exhibit
Legal Current Owner:	Columbia Square Investors, LLC
Property Identifiers:	079-087
Comments:	see exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

The EDR Environmental LienSearch™ Report

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

AULs: Found ☒ Not Found ☐

If found:

1st Party:	NA
2nd Party:	NA
Dated:	9/18/2006
Recorded:	9/18/2006
Book:	5636
Page:	289
Docket:	NA
Volume:	NA
Instrument:	NA
Comments:	
Miscellaneous Comments:	

Deed Exhibit 1

Georgia, Columbia County
This is to certify that $ 1758.00
Georgia Real Estate Transfer Tax
was paid on 12-4-01
Cindy Mason
Clerk Superior Court

547.00

123

Filed In This Office
Columbia County
2001 DEC -4 AM
Cindy Mason
Clerk Superior Court

Upon recording, return to:

SCOTT J. GLOSINSKI & ASSOCIATES
7 GEORGE C. WILSON COURT
AUGUSTA, GEORGIA 30909
(706) 863-2255

Deed Book 2879 PAGE 123-127
CLERK OF SUPERIOR COURT
COLUMBIA COUNTY, GEORGIA 19477
CINDY MASON, CLERK

LIMITED WARRANTY DEED

STATE OF GEORGIA

COUNTY OF FULTON

THIS INDENTURE, made this 20th day of November, 2001, between **THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES**, a New York corporation, (herein collectively called "Grantor") and **COLUMBIA SQUARE INVESTORS, LLC**, a Georgia limited liability company, (herein called "Grantee").

WITNESSETH: That Grantor, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency of which are hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed and by these presents does grant, bargain, sell, alien, convey and confirm unto Grantee all that tract or parcel of land described on Exhibit A attached hereto and made a part hereof (the "Land").

TO HAVE AND TO HOLD the Land, together all buildings, structures and improvements thereon and with all and singular the rights, easements, members and appurtenances thereof, (the Land, together with the foregoing, is hereinafter referred to as the "Property") to the same being, belonging or in any wise appertaining, to the only proper use, benefit and behoof of Grantee, forever, IN FEE SIMPLE.

This Deed and the warranty of title contained herein are made expressly subject to the items set forth on Exhibit B attached hereto and made a part hereof (the "Permitted Exceptions").

Except for the Permitted Exceptions, Grantor will warrant and forever defend the right and title to the Property unto Grantee against the lawful claims of all persons owning, holding or claiming by, through or under Grantor, but not otherwise.

(The words "Grantor" and "Grantee" include all genders, plural and singular, and their respective heirs, successors and assigns where the context requires or permits.)

EXHIBIT A
Legal Description

All that tract or parcel of land lying and being in Columbia County, Georgia, and being more particularly described as follows:

From the Northeast intersection of the right-of-way of Columbia Road (150 foot right-of-way) and the right-of-way of Flowing Wells Road (80 foot right-of-way), go North 38°35' East along the Easterly right-of-way of Flowing Wells Road a distance of 107.8 feet to a point; thence continue along said right-of-way around a curve a lineal distance of 97.59 feet (said lineal distance being the arc of a curve having a radius of 421.9 feet) to an iron pin and the POINT OF BEGINNING; thence continue along said right-of-way following the curvature thereof a lineal distance of 176.21 feet (said lineal distance being the arc of a curve having a radius of 421.9 feet) to an iron pin; thence continue along said right-of-way North 1°23' East a distance of 294.68 feet to an iron pin; thence South 88°32'30" East a distance of 204.65 feet to an iron pin; thence North 1°27'30" East a distance of 168.35 feet to an iron pin lying on the Southerly right-of-way line of Washington Road (100 foot right-of-way); thence South 65°33'45" East along said right-of-way a distance of 32.59 feet to an iron pin; thence South 1°27'30" West a distance of 150.0 feet to an iron pin; thence South 66°22' East a distance of 70.00 feet to an iron pin; thence South 87°52' East 53.50 feet to an iron pin; thence South 44°43'20" East 53.16 feet to an iron pin; thence South 1°23' West a distance of 142.93 feet to an iron pin; thence South 46°59' East a distance of 60.21 feet to an iron pin; thence South 1°23' West a distance of 135.0 feet to an iron pin; thence South 80°42' West a distance of 175.0 feet to an iron pin; thence South 9°18' East a distance of 146.49 feet to an iron pin set on the Northerly right-of-way line of Columbia Road (150 foot right-of-way); thence South 79°12' West along said right-of-way a distance of 30.01 feet to an iron pin; thence North 9°18' West a distance of 147.27 feet to an iron pin; thence South 80°42' West a distance of 150.0 feet to an iron pin; thence South 80°42' West a distance of 125.73 feet to an iron pin and the POINT OF BEGINNING, said tract containing 4.14 acres as shown by Plat for Columbia Square Corporation by Baldwin & Cranston Associates, Inc., dated June 10, 1977.

IN WITNESS WHEREOF, Grantor has caused this Indenture to be executed and sealed the day and year first above written.

Signed, sealed and delivered in the presence of:

Witness

Notary Public

My commission expires: 2/13/05

[NOTARY SEAL]

Notary Public, Fulton County, Georgia
My Commission Expires February 13, 2005

THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES

By:

Name: Mark Hillis

Title: Investment Officer

[CORPORATE SEAL]

EXHIBIT B

PERMITTED TITLE EXCEPTIONS

1. All taxes for the year 2001 and subsequent years, not yet due and payable.

2. Taxes or special assessments which are not shown as existing liens by the public records.

3. Easement from Mrs. Charles Abraham to Georgia Power Company, dated July 12, 1937, recorded in Deed Book 19, page 71(b), Columbia County Records.

4. Right-of-Way Deed to State Highway Department of Georgia, dated January 7, 1946, recorded at Deed Book 25, Page 473, Columbia County Records.

5. Easement from Nelson Cash to Georgia Power Company, dated November 7, 1946, recorded at Deed Book 26, page 336(a), Columbia County Records.

6. Easement from Nelson Cash to Georgia Power Company, dated December 11, 1946, recorded at Deed Book 26, page 470(a), Columbia County Records.

7. Easement from Nelson Cash to Georgia Power Company, dated October 28, 1963, recorded at Deed Book 70, page 67(b), Columbia County Records.

8. Right-of-Way Deed from Timothy J. O'Neill, et. al., to Columbia County, dated August 10, 1973, recorded at Deed Book 143, page 817, Columbia County Records, as affected or modified by Right-of-Way Deed from Timothy J. O'Neill to Columbia County, dated August 30, 1973, recorded at Deed Book 144, page 693, Columbia County Records.

9. Memorandum of Lease to Roses Stores, Inc., dated July 19, 1973, recorded at Deed Book 145, page 255, as amended by instrument recorded at Deed Book 160, page 26, Columbia County Records.

10. Easements and Restrictions contained in Deed to First Federal Savings, dated July 23, 1974, recorded at Deed Book 155, page 36, Columbia County Records.

11. Declaration of Covenants, dated December 20, 1974, recorded at Deed Book 159, page 713, Columbia County Records.

12. Easements contained in Warranty Deed dated December 30, 1974, recorded at Deed Book 159, page 794, Columbia County Records.

13. Easement from Hadco, Inc. to Georgia Power Company, dated March 11, 1974, recorded at Deed Book 160, page 454, Columbia County Records.

14. Easements granted in Warranty Deed recorded at Deed Book 163, page 603, and as shown on Plat recorded at Plat Book 5, page 88, Columbia County Records.

15. Easement Agreement, dated October 16, 1975, recorded at Deed Book 171, page 583, Columbia County Records, as corrected, supplemented and modified by Easement dated August 16, 1977, recorded at Deed Book 201, page 35, Columbia County Records.

16. Easement Agreement, dated June 6, 1976, recorded at Deed Book 179, page 770, Columbia County Records, as re-recorded to add Exhibit "B" at Deed Book 181, page 447, Columbia County Records.

17. Easement from Columbia Square Co., Inc. to Georgia Power Company, dated October 13, 1976, recorded at Deed Book 194, page 551, Columbia County Records.

18. Easement to Columbia County recorded at Deed Book 195, page 658, Columbia County Records, and supporting Plat recorded at Plat Book 7, page 41, Columbia County Records.

19. Easement from The Equitable Life Assurance Society of the United States to Georgia Power Company, filed April 30, 1980, recorded at Deed Book 247, page 642, Columbia County Records.

20. Matters shown on that certain ALTA/ACSM Land Title Survey for The Equitable Life Assurance Socity of the United States, Lend Lease Real Estate Investments, Inc., Chicago Title Insurance Company, Anthony E. Jones, Automall of Georgia, LLC and Columbia Square Investors, LLC, prepared by East Metro Surveyors & Engineers, Inc., dated November 15, 2001, sealed by E.G. Davis, Georgia RLS No. 2363.

PLAT CABINET D
SLIDE 138 NO. 8

ACTIVITY AND USE LIMITATIONS (AULS) EXHIBITS

CLERK OF SUPERIOR COURT
COLUMBIA COUNTY, GEORGIA

Recorded 09/18/2006 03:45PM
Georgia Intangible Tax Paid: $0.00
CINDY MASON
Clerk Superior Court, Columbia County
B 05636 P 0289-0294

Deed
Doc: AFF

2006 SEP 18 PM 3:45
289-294
CINDY MASON, CLERK

PLEASE RETURN TO: Darren G. Meadows
Hull, Towill, Norman, Barrett & Salley P.C.
P. O. Box 1564
Augusta, GA 30903

STATE OF GEORGIA

COUNTY OF COLUMBIA

AFFIDAVIT PURSUANT TO THE GEORGIA HAZARDOUS SITE RESPONSE ACT O.C.G.A. '12-8-97(c) and O.C.G.A. '44-2-20

RE: Property of the **COLUMBIA SQUARE INVESTORS, LLC** described as all that tract or parcel of land lying and being in Columbia County, Georgia, and being more particularly described as follows:

From the Northeast intersection of the right-of-way of Columbia Road (150 foot right-of-way) and the right-of-way of Flowing Wells Road (80 foot right-of-way), go North 38°35' East along the Easterly right-of-way of Flowing Wells Road a distance of 107.8 feet to a point; thence continue along said right-of-way around a curve a lineal distance of 97.59 feet (said lineal distance being the arc of a curve having a radius of 421.9 feet) to an iron pin and the POINT OF BEGINNING; thence continue along said right-of-way following the curvature thereof a lineal distance of 176.21 feet (said lineal distance being the arc of a curve having a radius of 421.9 feet) to an iron pin; thence continue along said right-of-way North 1°23' East a distance of 294.68 feet to an iron pin; thence South 88°32'30" East a distance of 204.65 feet to an iron pin; thence North 1°27'30" East a distance of 168.35 feet to an iron pin lying on the Southerly right-of-way line of Washington Road (100 foot right-of-way); thence South 65°33'45" East along said right-of-way a distance of 32.59 feet to an iron pin; thence South 1°27'30" West a distance of 150.0 feet to an iron pin; thence South 66°22' East a distance of 70.00 feet to an iron pin; thence South 87°52' East 53.50 feet to an iron pin; thence South 44°43'20" East 53.16 feet to an iron pin; thence South 1°23' West a distance of 142.93 feet to an iron pin; thence South 46°59' East a distance of 60.21 feet to an iron pin; thence South 1°23' West a distance of 135.0 feet to an iron pin; thence South 80°42' West a distance of 175.0 feet to an iron pin; thence South 9°18' East a distance of 146.49 feet to an iron pin set on the Northerly right-of-way line of Columbia Road (150 foot right-of-way); thence South 79°12' West along said right-of-way a distance of 30.01 feet to an iron pin; thence North 9°18' West a distance of 147.27 feet to an iron pin; thence South 80°42' West a distance of 150.0 feet to an iron pin; thence South 80°42' West a distance of 125.73 feet to an iron pin and the POINT OF BEGINNING, said tract containing 4.14 acres as shown by Plat for Columbia Square Corporation by Baldwin & Cranston Associates, Inc., dated June 10, 1977, recorded in Deed Book 2879, Pages 123-127.

Vogue Cleaners Site, Georgia HSI #10394

Personally appeared before me, the undersigned attesting officer duly authorized to administer oaths, Scott J. Klosinski, who, after having been first duly sworn, depose and on oath says:

1) That Scott J. Klosinski is the Attorney for Columbia Square Investors, LLC.

2) That Columbia Square Investors, LLC owns the Property described in the deed referenced above.

3) That Columbia Square Investors, LLC has been instructed by the Georgia Environmental Protection Division that the following notice is required to be placed in the real estate records in the Office of the Clerk of Superior Court for Columbia County, Georgia:

"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."

4) Inquiries should be directed to the Georgia Environmental Protection Division at (404) 657-8600.

IN WITNESS WHEREOF, the said Affiant has hereunto set their hand and seal this the 16 day of Sept, 2006.

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

AFFIANT

Jamie J. Jorge

Notary Public, Richmond County, Georgia

My commission expires:

SEAL

JAMIE J. JORGE
NOTARY PUBLIC
RICHMOND CO., GEORGIA
MY COMMISSION EXPIRES
APR 23 2010

(SEAL)

BK5636 PG291

Georgia Department of Natural Resources
2 Martin Luther King, Jr. Drive SE Suite 1462 East, Atlanta, Georgia 30334
Noel Holcomb, Commissioner
Environmental Protection Division
Carol A. Couch, Ph.D., Director
Hazardous Waste Management Branch
404/657-8600

April 26, 2006

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Columbia Square Investors, LLC
c/o Scott Klosinski, P.C.
#7 George C. Wilson Court
Augusta, GA 30909

Re: Reclassification of Site from Class II to Class V
Hazardous Site Inventory, Site No. 10394
Vogue Cleaners Martinez, Columbia County, Georgia

Dear Mr. Klosinski:

Because corrective action is being performed at the above referenced property in accordance with an approved corrective action plan, EPD is hereby reclassifying it from Class II to Class V and designating it as needing corrective action as provided for in Section 391-3-19-.06(6) of the Rules for Hazardous Site Response.

Within 45 days of this letter, you are required by Section 12-8-97(c) of the Hazardous Site Response Act to file an affidavit stating that your 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. This affidavit is to be filed with the clerk of the superior court of each county in which your property or any part thereof lies and recorded in the clerk's deed records pursuant to O.C.G.A. § 44-2-20 [full copy attached].

Section 12-8-97(f) of the Hazardous Site Response Act also requires that you place the following notice in any deed, mortgage, deed to secure debt, lease, rental agreement or other instrument given or caused to be given by the property owner which creates an interest in or grants a use of the property:

> "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."

Within 30 days of recording the affidavit, please send a copy of the receipt of the recorded affidavit to the Hazardous Sites Response Program, Georgia Environmental Protection Division, 2 Martin Luther King Jr. Drive, SE, Suite 1462 East, Atlanta, GA 30334.

Section 12-8-97(f) of the Hazardous Site Response Act provides that the requirements for property record notices at O.C.G.A. §12-8-97(b) & (c) shall be stayed by the filing of a petition for a hearing within 30 days of this letter.

EPD will also publish a notice in the Columbia News-Times and the Augusta Chronicle no sooner than thirty days from the date of this letter announcing that your property has been designated as needing corrective action.

If you have any questions regarding this matter, please contact Amanda Howell at (404) 657-8600.

Sincerely,

Carol A. Couch, Ph.D.
Director

CAC:ah

Encl: O.C.G.A. §44-2-20 (2 pages)

c: Mr. Robert Poole, Morgan Stanley

File: HSI No. 10394

S:\RDRIVE\ahowell\HSI\Vogue\Reclassification Notice.doc

BK5636 PG293

44-2-20. Recorded affidavits relating to land as notice of facts cited therein; admissibility of such affidavits in evidence; presumption as to facts recited; filing and recording.

(a) Recorded affidavits shall be notice of the facts therein recited, whether taken at the time of a conveyance of land or not, where such affidavits show:

(1) The relationship of parties or other persons to conveyances of land;

(2) The relationship of any parties to any conveyance with other parties whose names are shown in the chain of title to lands;

(3) The age or ages of any person or persons connected with the chain of title;

(4) Whether the land embraced in any conveyance or any part of such land or right therein has been in the actual possession of any party or parties connected with the chain of title;

(5) The payment of debts of an unadministered estate;

(6) The fact or date of death of any person connected with such title;

(7) Where such affidavits relate to the identity of parties whose names may be shown differently in chains of title;

(8) Where such affidavits show the ownership or adverse possession of lands or that other persons have not owned such lands nor been in possession of same; or

(9) Where such affidavits state any other fact or circumstance affecting title to land or any right, title, interest in, or lien or encumbrance upon land.

Any such affidavits may be made by any person, whether connected with the chain of title or not.

(b) In any litigation over any of the lands referred to and described in any of the affidavits referred to in subsection (a) of this Code section in any court in this state or in any proceedings in any such court involving the title to such lands wherein the facts recited in such affidavits may be material, the affidavits or certified copies of the record thereof shall be admissible in evidence and there shall be a rebuttable presumption that the statements in said affidavits are true. The affidavits or certified copies thereof shall only be admissible as evidence in the event the parties making the affidavits are deceased; they are nonresidents of the state; their residences are unknown to the parties offering the affidavits; or they are too old, infirm, or sick to attend court.

(c) Affidavits referred to in subsections (a) and (b) of this Code section shall be filed by the clerk of the superior court of the county where the land is located and shall contain a caption referring to the current owner and to a deed or other recorded instrument in the chain of title of the affected land. The clerk of the superior court shall record such affidavits, shall enter on the deed or other recorded instrument so referred to the book and page number on which such affidavit may be recorded, and shall index same in the name of the purported owner as shown by such caption in both grantor and grantee indexes in deed records as conveyances of lands are recorded and indexed; and he shall receive the same compensation therefor as for recording deeds to lands. (Ga. L. 1955, p. 614, §§ 1-3; Ga. L. 1982, p. 3, § 44.)

Law reviews. — For article, "Some Rescission Problems in Truth-In-Lending, as Viewed From Georgia," see 7 Ga. St. B.J. 315 (1971).

JUDICIAL DECISIONS

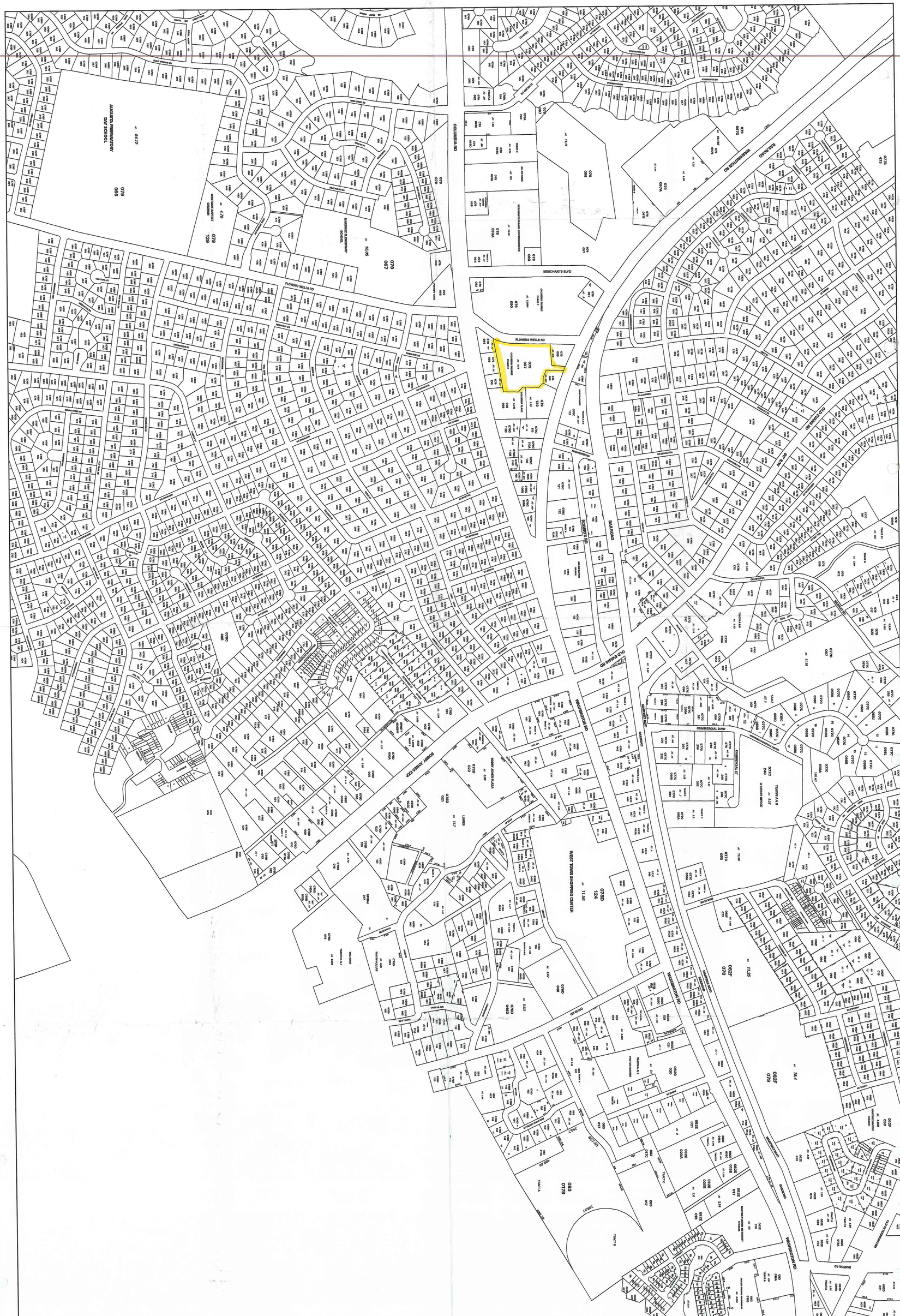
Section will be strictly construed by the court. Dollar v. Thompson, 212 Ga. 831, 96 S.E.2d 493 (1957).

Contents of affidavit. — Properly recorded affidavit "shall" contain a caption showing the information enumerated in this section. This is made mandatory by the use of the word "shall," rather than permissive language. Dollar v. Thompson, 212 Ga. 831, 96 S.E.2d 493 (1957).

Section provides an exception to both the hearsay rule and to § 24-9-1, relating to competency of witnesses. King v. King, 238 Ga. 268, 232 S.E.2d 549 (1977).

Affidavit admissible only if affiant unavailable. — Affidavits shall be admissible only when the person making them is not available as a witness for stated reasons. Dollar v. Thompson, 212 Ga. 831, 96 S.E.2d 493 (1957).

Cited in Parker v. Adamson, 109 Ga. App. 172, 135 S.E.2d 487 (1964); Jones v. Van Vleck, 224 Ga. 796, 164 S.E.2d 724 (1968); Crane v. Gaddis, 224 Ga. 804, 164 S.E.2d 844 (1968); Minor v. Ray, 122 Ga. App. 531, 177 S.E.2d 842 (1970).



Columbia County, Georgia
TAX ASSESSORS OFFICE
May 10, 2002

TAX MAP

P.O. Box 40
Appling, GA 30802
Scale 1 inch = 400 ft

MAP No.
J10

APPENDIX B
PUBLIC /PRIVATE DRINKING WATER WELL SURVEY

Well and Water Resources Survey Results

Former Vogue Cleaners
4020 Washington Road
Martinez, Columbia County, Georgia

HSI # 10394

Latitude: 33° 30' 35.69"
Longitude: 82° 06' 13.07"

A well and water resources survey was conducted to identify any public and non-public water supply sources within a 3-mile radius of the subject property. The survey included:

1. A search by the United States Geological Survey (USGS) from the Ground Water Database;
2. A search of the GAEPD water supply database;
3. A field reconnaissance within the vicinity of the subject site;
4. Interviews with local official.

The field reconnaissance included a drive-by search for wells within the 0.25-mile radius of the subject site as well as a specific search for each of the wells found in the USGS Database. No wells were observed within or reported within a 0.25-mile radius of the site. One (1) private water supply well was observed and reported within a one (1)-mile radius of the Subject Property. The nearest surface water body to the Subject Property is 1,444 feet north-west from the subject site.

WITHIN 3-MILE RADIUS

FACILITY NAME	NUMBER OF WELLS	WELL ID	ADDRESS	CURRENT USE	LOCATION
Annie Anderson	1	unknown	114 Shaw Street	Unknown	0.56 Miles NE
Unidentified	1	25BB25	Unknown	Unknown	2.77 Miles SW
Unidentified	1	28BB15	Unknown	Unknown	2.96 Miles South
Unidentified	1	28BB18	Unknown	Unknown	2.85 Miles South
Unidentified	1	28BB26	Unknown	Unknown	2.99 Miles SW
Unidentified	1	29BB43	Unknown	Unknown	2.98 Miles South
Unidentified	1	28BB28	Unknown	Unknown	2.92 Miles SW
Unidentified	1	29BB44	Unknown	Unknown	2.88 Miles SW
Unidentified	1	29BB54	Unknown	Unknown	2.90 Miles South
Unidentified	1	29BB42	Unknown	Unknown	2.82 Miles SW
Unidentified	1	29BB21	Unknown	Unknown	2.72 Miles South
Unidentified	1	29BB46	Unknown	Unknown	2.71 Miles South
Unidentified	1	29BB93	Unknown	Unknown	2.72 Miles South
Unidentified	1	29BB92	Unknown	Unknown	2.67 Miles South
Unidentified	1	29BB64	Unknown	Unknown	2.61 Miles South

FACILITY NAME	NUMBER OF WELLS	WELL ID	ADDRESS	CURRENT USE	LOCATION
Unidentified	1	29BB62	Unknown	Unknown	2.76 Miles South
Unidentified	1	29BB34	Unknown	Unknown	2.71 Miles SW
Unidentified	1	29BB41	Unknown	Unknown	2.46 Miles South
Unidentified	1	29BB52	Unknown	Unknown	2.47 Miles SW
Unidentified	1	29BB45	Unknown	Unknown	2.41 Miles South
Unidentified	1	29BB47	Unknown	Unknown	2.49 Miles SW
Unidentified	1	29BB36	Unknown	Unknown	2.26 Miles SW
Unidentified	1	29BB33	Unknown	Unknown	2.33 Miles SW
Unidentified	1	29BB51	Unknown	Unknown	2.22 Miles SE
Windy Acres Mobile Home Park	1	28BB106	Old South Belair Road	Unknown	2.83 Miles SW
Windy Acres Mobile Home Park	1	28BB105	Old South Belair Road	Unknown	2.81 Miles SW
Unidentified	1	29BB56	Unknown	Unknown	1.02 Miles South
Unidentified	1	28CC02	Unknown	Unknown	2.20 Miles SW
Unidentified	1	28CC01	Unknown	Unknown	2.24 Miles SW
Unidentified	1	29CC30	Unknown	Unknown	2.42 Miles NW

Site Investigations were completed after review of Federal and State databases. The purpose of this investigation was to:

1. Determine whether the identified water wells are currently used as a potable source of water; and

2. Complete a hydrogeologic evaluation to determine whether a hydrogologic connection is present between groundwater located at the Former Vogue Cleaners site (subject property) and the suspected water wells.

SITE INVESTIGATION

On August 8, 2013 Genesis Project, Inc. completed an investigation of suspected water well on the property identified as 114 Shaw Road. The suspected water well is associated with a resident's home. Several attempts have been made to contact the owner; however no contact has been established over time. Following the site inspection, an interview was conducted with a representative of the Columbia County Water Board Authority. This interview confirmed that the property is being supplied by city water.

A hydrogeologic evaluation was conducted using data from the subject property as well as information from the Martinez Quad, Georgia USGS topographic map (2008). A summary of this evaluation is as follows:

1. The suspected water wells are located to the south, southeast, southwest and northeast of the subject property.
2. No public drinking water wells are within 0.5 miles of the subject property.
3. Available topographical information as well as the direction of groundwater flow on-site indicates that twenty-nine (29) of the suspected wells are not down gradient of the subject property.
4. The one (1) private water well located within a one (1) mile radius is not hydrogeolgically connected with the Property, and is not a potential receptor of the impacted groundwater from the former Vogue Cleaners.

These features are highlighted on the Radius Map (Figure 1).

Based on these observations, Genesis Project, Inc. has concluded that if these wells still exist, they would not be considered hydrogeologically connected to the subject property.

Conclusion

In conclusion, no drinking water wells were identified within 3-miles of the subject property. In addition, suspected wells identified in the USGS database are not considered to be potential receptors of the impacted groundwater present on the subject property.

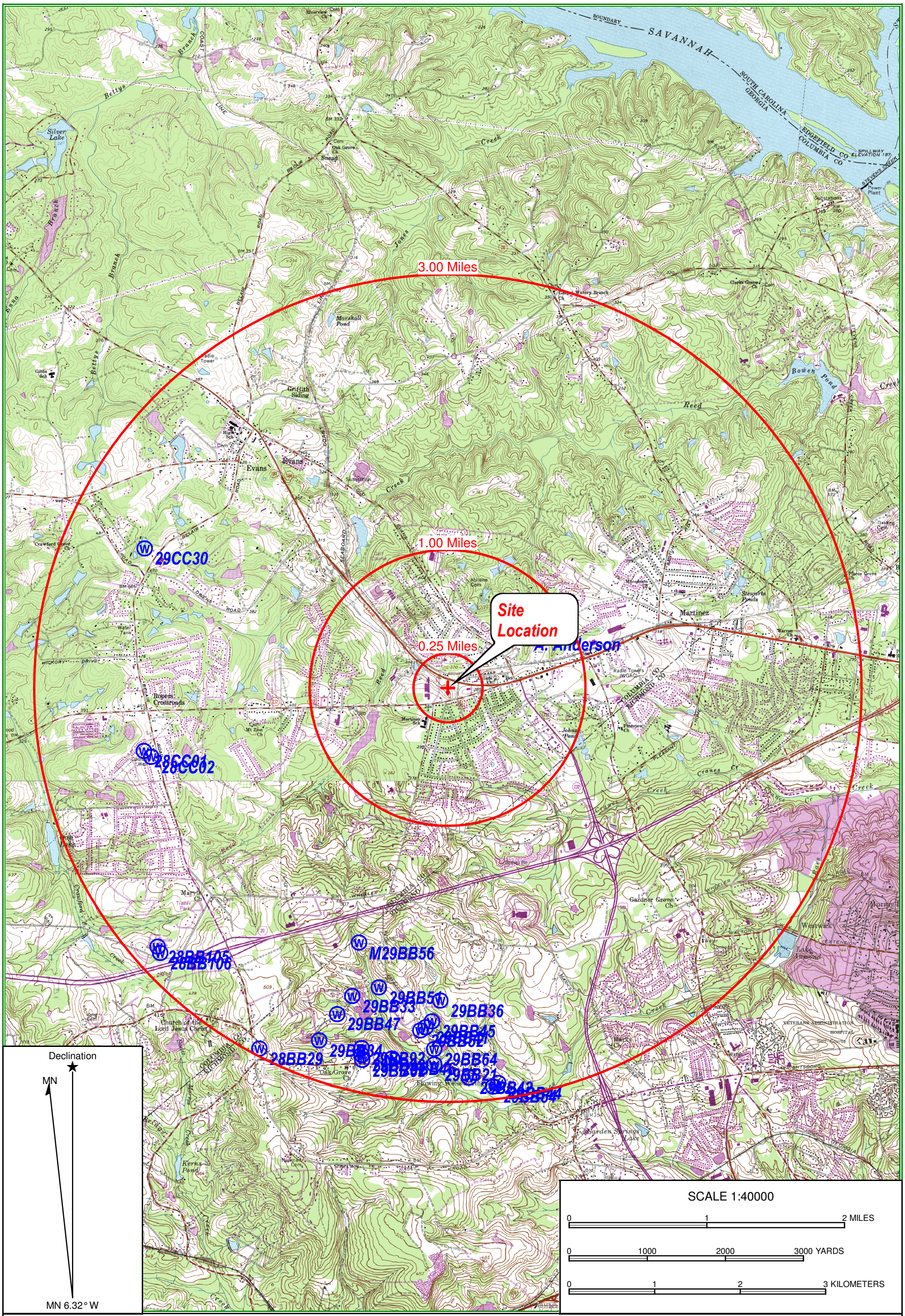


Figure 1: Radius Map
Former Vogue Cleaners
Martinez, Georgia

Location: 033° 30' 46.18" N 082° 06' 12.36" W

Map: MARTINEZ QUAD

Copyright (C) 2008, MyTopo

USGS
science for a changing world

FAX COVER SHEET

U.S. Department of the Interior
U.S. Geological Survey
Georgia District Office
1770 Corporate Drive, Suite 5000
Norcross, GA 30093

Phone: 678-924-6700
Fax: 678-924-6710
http://www.ga.usgs.gov
Total Number of Pages Including Cover Sheet: 3

To: Tiffany Messier

Date: 10252013

Office: Genesis Project Inc

From: Gary Holloway

Fax: (770) 319-7219

Phone: (678) 924-6655

Phone: (770) 319-7217

E-mail: ghollowa@usgs.gov

Message:

The ground-water database search you requested for a radius of 3 miles from 333035.69 0820613.07 is enclosed.

LOCAL WELL NUMBER	LATITUDE (DDMMSS)	LONGITUDE (DDDMMSS)	LAT/LONG DATUM (CODE)	ALTITUDE OF LAND SURFACE (FEET)	ALTITUDE DATUM (CODE)	DEPTH OF WELL (FEET)	BOTTOM OF CASING (FEET)	DIAMETER OF CASING (IN)	DATE OF CONSTRUCTION
29BB44	332806	0820551	NAD27	347	NGVD29	17.10	17.10	36	--
29BB54	332806	0820552	NAD27	348	NGVD29	26	26	30	--
29BB42	332808.80	0820604.10	NAD83	355	NGVD29	502	450	6	--
29BB21	332813	0820620	NAD27	334.00	NGVD29	89	80	2	- -1900
29BB46	332815	0820639	NAD27	402	NGVD29	117.5	114.5	2	- -1900
29BB93	332816.52	0820652.51	NAD83	--	--	--	--	--	--
29BB92	332817.21	0820652.70	NAD83	--	--	--	--	--	--
29BB64	332819	0820624	NAD27	340	NGVD29	90	--	--	07-20-1946
29BB62	332816.68	0820652.60	NAD83	445.58	NGVD29	158	115	6	05- -1985
							158	6	--
28BB29	332819	0820739	NAD27	512	NGVD29	38.91	38.91	30	--
29BB34	332822	0820712	NAD27	415	NGVD29	120	100	4	--
29BB41	332827	0820624	NAD27	362	NGVD29	12	12	24	- -1961
29BB52	332827	0820625	NAD27	362	NGVD29	9.9	9.9	24	- -1961
29BB45	332829	0820621	NAD27	362	NGVD29	15.6	15.6	24	- -1900
29BB47	332832	0820704	NAD27	395	NGVD29	100	80	4	- -1900
29BB36	332837	0820617	NAD27	395	NGVD29	122	92	4	09- -1981
							122	4	--
29BB33	332839	0820657	NAD27	374	NGVD29	80	60	4	07- -1981
29BB51	332842	0820645	NAD27	380	NGVD29	18	18	24	- -1963
28BB106	332855.42	0820824.19	NAD83	--	--	--	--	--	--
28BB105	332856.86	0820825.81	NAD83	--	--	--	--	--	--
29BB56	332859	0820654	NAD27	420	NGVD29	403	150	6	- -1968
28CC02	333009.00	0820828.00	NAD83	--	--	--	--	--	--
28CC01	333011	0820831	NAD27	467.00	NGVD29	331	160	8	- -1956
29CC30	333128.60	0820456.77	NAD83	--	--	--	--	--	--

LOCAL WELL NUMBER	DATA RELI-ABILITY
29BB44	C
29BB54	C
29BB42	C
29BB21	C
29BB46	C
29BB93	M
29BB92	U
29BB64	U
29BB62	U
28BB29	C
29BB34	C
29BB41	C
29BB52	C
29BB45	C
29BB47	C
29BB36	C
29BB33	C
29BB51	C

10/25/2013 09:48 6789246710 USGS PAGE 02/02

National Water Information System: Web Interface

Click to hideNews Bulletins

- August 23, 2013
- Read the Mobile Site Tutorial Try it (http://m.waterdata.usgs.gov) from your mobile device!
- New improved user interface.
- Full News

Site Inventory for Georgia

Click to hide state-specific text

- All times for Georgia stations are Eastern Standard Time.
- USGS Water Resources of Georgia: the place to start for all USGS water information in Georgia.
- Sign up for Georgia Water Science Center E-mail Notices: publication releases, gage shutdown notifications, and so forth
- Sign up for custom Water Alerts by text or email

- Additional information:
  - Annual data report--approved data online from the 2006 water year to current.
  - Instantaneous Data Archive for intra-day discharge data prior to October 1, 2007
  - Low-flow statistics for selected stations
  - Flood-frequency information for selected stations

Site Selection Results -- 33 sites found

lat_long_bounding_box =

Position	Latitude	Longitude
Corner 1	33°33'14"	82°09'27"
Corner 2	33°27'53"	82°03'05"

Position	Latitude	Longitude
Coordinates are entered as Degrees-Minutes-Seconds (DMS). DMS values are converted to Decimal degrees using NAD83 as the datum. Make your bounding box bigger if you are using NAD27 Datum for your DMS values		

Save file of selected sites to local disk for future upload

Data for individual sites can be obtained by selecting the site number below

Agency	Site Number	Site Name
USGS	02196486	REED CREEK (SR 104) NEAR EVANS, GA
USGS	02196488	REED CREEK AT GA 28 NEAR MARTINEZ, GA
USGS	332755082073701	28BB25
USGS	332756082073501	28BB15
USGS	332756082073502	28BB18
USGS	332757082075401	28BB26
USGS	332759082053801	29BB43
USGS	332805082080101	28BB28
USGS	332806082055101	29BB44
USGS	332806082055201	29BB54
USGS	332809082060501	29BB42
USGS	332812082074201	28BB27
USGS	332813082062001	29BB21
USGS	332815082063901	29BB46
USGS	332816082065201	29BB93
USGS	332817082065201	29BB92
USGS	332819082062401	29BB64
USGS	332819082065201	29BB62
USGS	332819082073901	28BB29
USGS	332822082071201	29BB34

Agency	Site Number	Site Name
USGS	332827082062401	29BB41
USGS	332827082062501	29BB52
USGS	332829082062101	29BB45
USGS	332832082070401	29BB47
USGS	332837082061701	29BB36
USGS	332839082065701	29BB33
USGS	332842082064501	29BB51
USGS	332855082082401	28BB106
USGS	332856082082501	28BB105
USGS	332859082065401	29BB56
USGS	333008082082701	28CC02
USGS	333011082083101	28CC01
USGS	333128082045601	29CC30

.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility Plug-Ins FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Site Inventory -- 33 sites found
URL: http://waterdata.usgs.gov/ga/nwis/inventory?

Page Contact Information: Georgia Water Data Maintainer
Page Last Modified: 2013-10-23 12:03:08 EDT
0.39 0.33 vaww01

Tiffany J. Messier

From: Noakes, Bo <Bo.Noakes@dnr.state.ga.us>
Sent: Friday, October 18, 2013 2:12 PM
To: Tiffany J. Messier
Subject: RE: Public/Private Well Research
Attachments: Wellmap.pdf

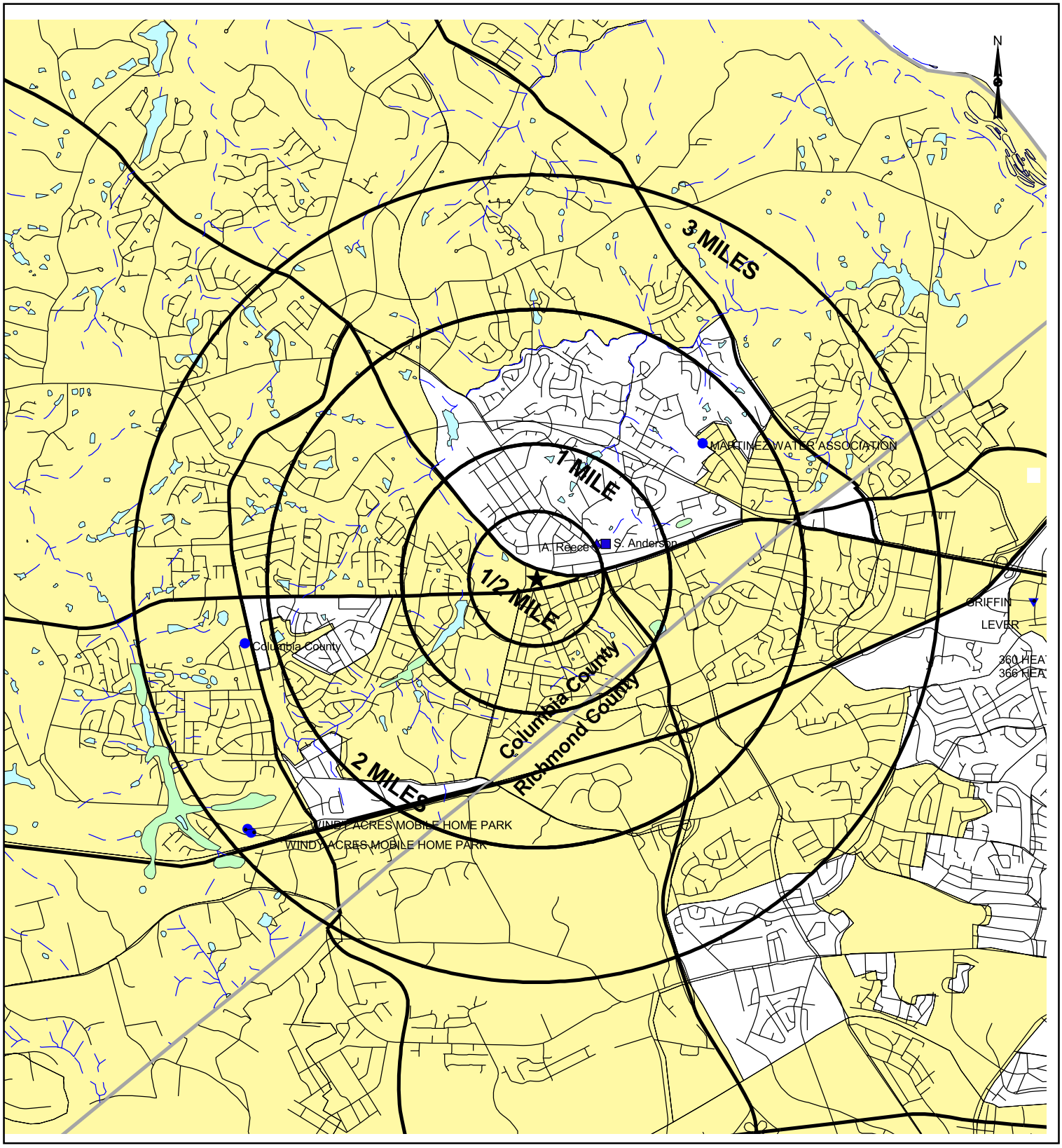
Here is the well map that you requested.
In the future we will not be able to do well maps for the general public due to being short staffed.
If you have any questions please feel free to contact me.
Bo Noakes GISP
GIS Specialist III
Georgia Department of Natural Resources
Land Protection Branch

From: Tiffany J. Messier [mailto:tmessier@genproject.com]
Sent: Wednesday, October 16, 2013 1:53 PM
To: Noakes, Bo
Subject: Public/Private Well Research

Mr. Noaks- We are conducting a Compliance Status report for an HSI site located at 4020 Washington Road, Martinez, GA. The coordinates are as follows:
Lat 33 30 35.69
Long 82 06 13.07

Could you please located and document any public or private water wells within a three (3) mile radius.

Tiffany Messier
Project Geologist
Genesis Project, Inc.
770-319-7217 (office)
770-391-7219 (fax)
770-241-6321 (cell)



Roads
State and US Highways
Interstate Highways
Rivers/Streams
Lake/Pond
Swamp/Marsh
Census Block Group Boundaries
Census Block Group with >zero domestic well

Public Supply Well
Domestic Well
Irrigation Well

Vogue Cleaners
HSI # 10394
4020 Washington Road
Martinez, Columbia County

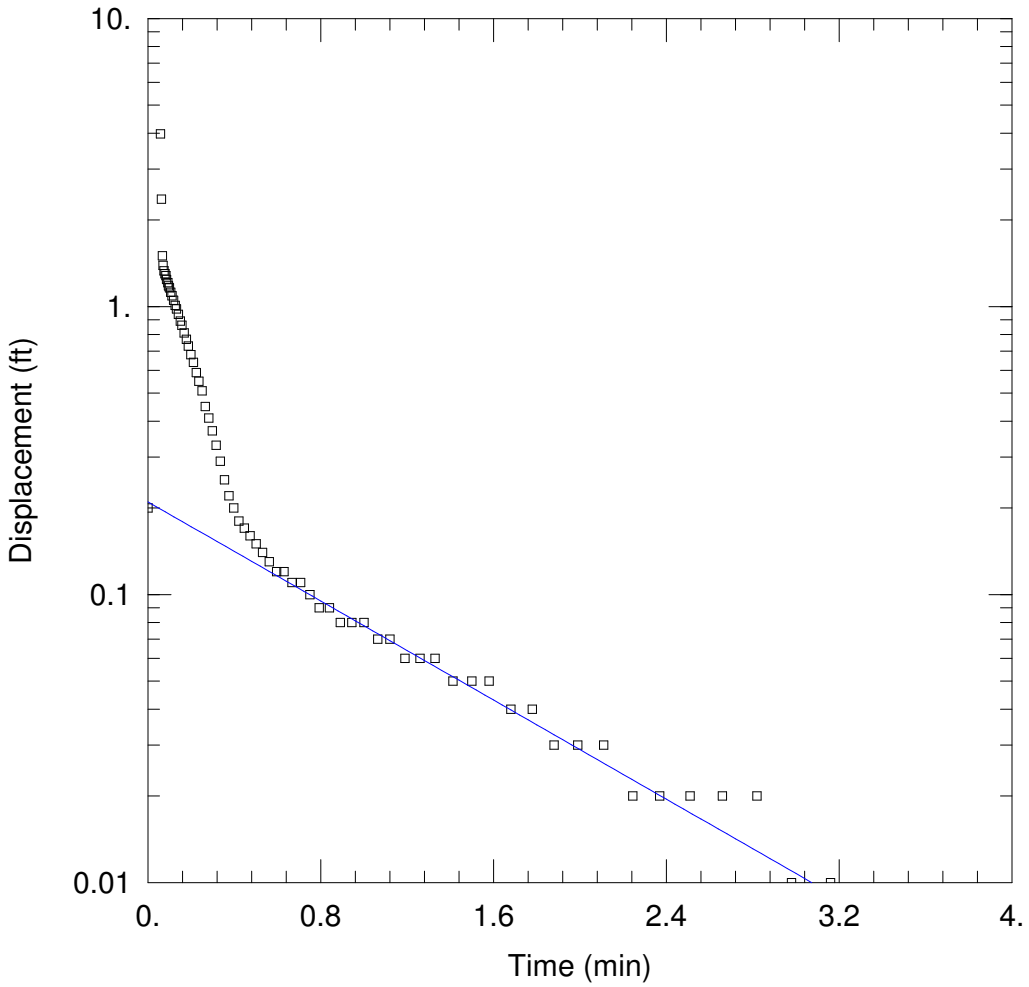
33 30' 35.69" 82 06 13.07"
Scale: 1 inch = 1 mile

Sources: Wells from USGS GWSI (1999); EPD WRB Non-Municipal Wells (1997); EPD HWMB field surveys (1999); Surface Water Intakes from EPD GSB DR96-27(1996); Roads, Rivers, Wetlands from Georgia DOT (1993); Census data from U.S. Bureau of Census (1990)

10/18/13

APPENDIX C
SUPPLEMENTAL DATA
In-situ Permeability Testing
Fate and Transport Modeling
Vapor Intrusion Evaluation

IN-SITU PERMEABILITY TESTING EVALUATION



WELL TEST ANALYSIS

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\MW-22SO1 Line 2.aqt
Date: 04/15/15 Time: 10:21:52

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Well: MW-22 OUT 2
Test Date: 9/2011

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-22)

Initial Displacement: 0.2 ft
Total Well Penetration Depth: 12.5 ft
Casing Radius: 0.154 ft
Static Water Column Height: 12. ft
Screen Length: 10. ft
Well Radius: 0.25 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.003066 cm/sec
y0 = 0.2097 ft

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\MW-22SO1 Line 2.aqt
Date: 04/15/15
Time: 10:09:30

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Date: 9/2011
Test Well: MW-22 OUT 2

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

SLUG TEST WELL DATA

Test Well: MW-22

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 0.2 ft
Static Water Column Height: 12. ft
Casing Radius: 0.154 ft
Well Radius: 0.25 ft
Well Skin Radius: 0.25 ft
Screen Length: 10. ft
Total Well Penetration Depth: 12.5 ft
Corrected Casing Radius (Bouwer-Rice Method): 0.187 ft
Gravel Pack Porosity: 0.3

No. of Observations: 84

Observation Data

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.004	0.	0.298	0.37
0.008	0.	0.316	0.33
0.013	0.	0.335	0.29
0.017	0.	0.355	0.25
0.021	0.	0.376	0.22
0.025	0.	0.398	0.2
0.029	0.	0.422	0.18
0.033	0.	0.447	0.17
0.04	0.	0.473	0.16
0.043	0.	0.501	0.15
0.047	0.	0.531	0.14
0.051	0.	0.562	0.13
0.054	0.	0.596	0.12
0.058	3.98	0.631	0.12
0.063	2.36	0.668	0.11
0.067	1.5	0.708	0.11
0.071	1.39	0.75	0.1
0.075	1.33	0.794	0.09
0.079	1.3	0.841	0.09
0.083	1.28	0.891	0.08
0.087	1.24	0.944	0.08
0.092	1.21	1.	0.08
0.096	1.18	1.064	0.07
0.1	1.16	1.12	0.07
0.106	1.12	1.19	0.06
0.112	1.09	1.26	0.06
0.119	1.05	1.33	0.06
0.126	1.01	1.413	0.05
0.133	0.98	1.5	0.05
0.141	0.94	1.58	0.05
0.15	0.89	1.68	0.04
0.158	0.86	1.78	0.04
0.168	0.81	1.88	0.03

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.178	0.77	1.99	0.03
0.188	0.73	2.11	0.03
0.199	0.68	2.245	0.02
0.211	0.64	2.37	0.02
0.224	0.59	2.51	0.02
0.237	0.55	2.66	0.02
0.251	0.51	2.82	0.02
0.266	0.45	2.98	0.01
0.282	0.41	3.16	0.01

SOLUTION

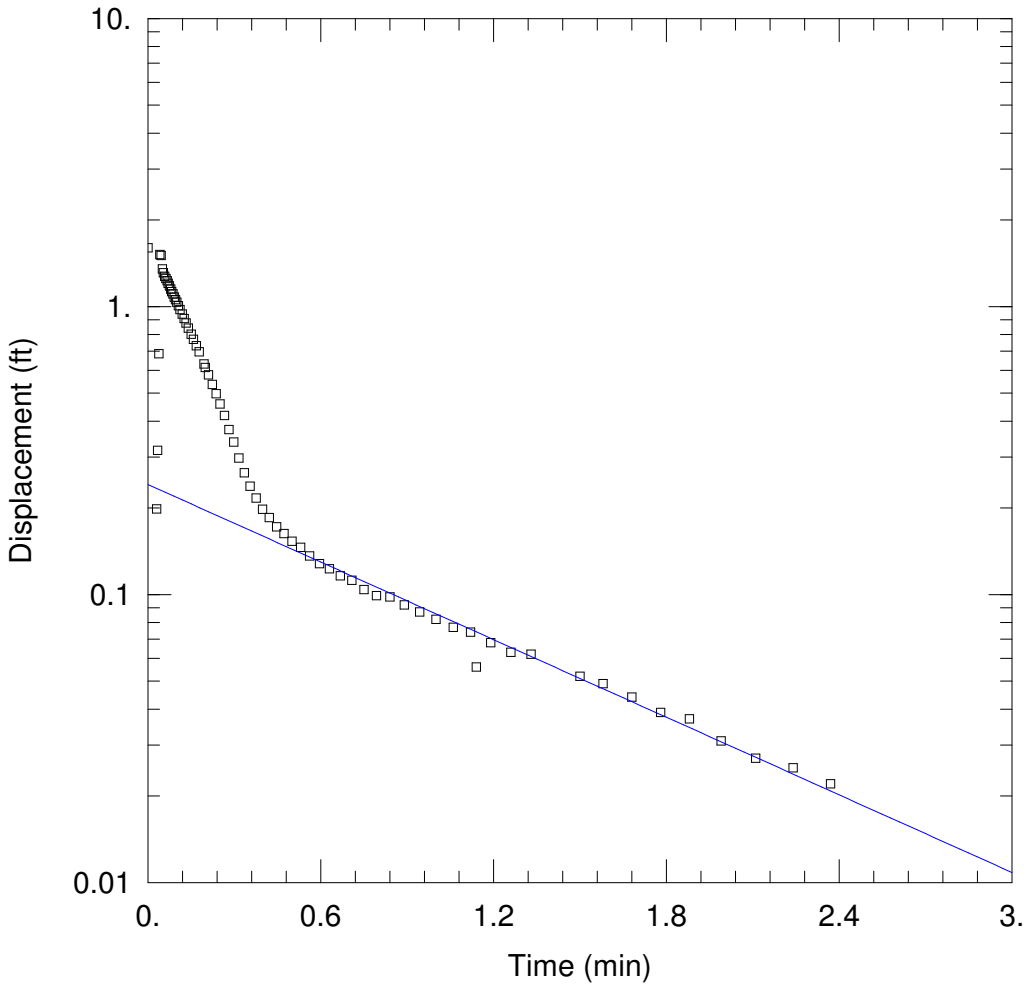
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 3.488

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	0.003066	cm/sec
y0	0.2097	ft

$T = K*b = 1.869$ cm²/sec



MW-22 SLUG TEST

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\MW-22SO2 Line 2.aqt
Date: 04/15/15 Time: 10:20:54

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Well: MW-22 OUT
Test Date: 9/2011

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (New Well)

Initial Displacement: 1.6 ft
Total Well Penetration Depth: 15. ft
Casing Radius: 0.154 ft
Static Water Column Height: 12. ft
Screen Length: 10. ft
Well Radius: 0.25 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.003318 cm/sec
y0 = 0.2409 ft

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\MW-22SO2 Line 2.aqt
Title: MW-22 Slug Test
Date: 04/15/15
Time: 10:12:14

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Date: 9/2011
Test Well: MW-22 OUT

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

SLUG TEST WELL DATA

Test Well: New Well

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 1.6 ft
Static Water Column Height: 12. ft
Casing Radius: 0.154 ft
Well Radius: 0.25 ft
Well Skin Radius: 0.25 ft
Screen Length: 10. ft
Total Well Penetration Depth: 15. ft
Corrected Casing Radius (Bouwer-Rice Method): 0.187 ft
Gravel Pack Porosity: 0.3

No. of Observations: 79

Observation Data

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.	0.	0.266	0.418
0.004	0.	0.282	0.374
0.012	0.	0.298	0.338
0.016	0.	0.316	0.298
0.023	0.	0.335	0.265
0.027	0.	0.355	0.238
0.031	0.1984	0.376	0.216
0.034	0.317	0.398	0.198
0.038	0.686	0.422	0.185
0.042	1.516	0.447	0.172
0.046	1.503	0.473	0.163
0.05	1.349	0.501	0.153
0.054	1.311	0.531	0.146
0.058	1.275	0.562	0.136
0.063	1.251	0.596	0.128
0.067	1.229	0.631	0.123
0.071	1.203	0.668	0.116
0.075	1.178	0.708	0.112
0.079	1.151	0.75	0.104
0.083	1.125	0.794	0.099
0.087	1.105	0.841	0.098
0.092	1.079	0.891	0.092
0.096	1.056	0.944	0.087
0.1	1.035	1.	0.082
0.106	1.007	1.06	0.077
0.112	0.975	1.12	0.074
0.119	0.941	1.14	0.056
0.126	0.909	1.19	0.068
0.133	0.876	1.26	0.063
0.141	0.842	1.33	0.062
0.15	0.802	1.5	0.052
0.158	0.77	1.58	0.049

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.168	0.731	1.68	0.044
0.178	0.697	1.78	0.039
0.195	0.631	1.88	0.037
0.199	0.614	1.99	0.031
0.211	0.579	2.11	0.027
0.224	0.537	2.24	0.025
0.237	0.498	2.37	0.022
0.251	0.459		

SOLUTION

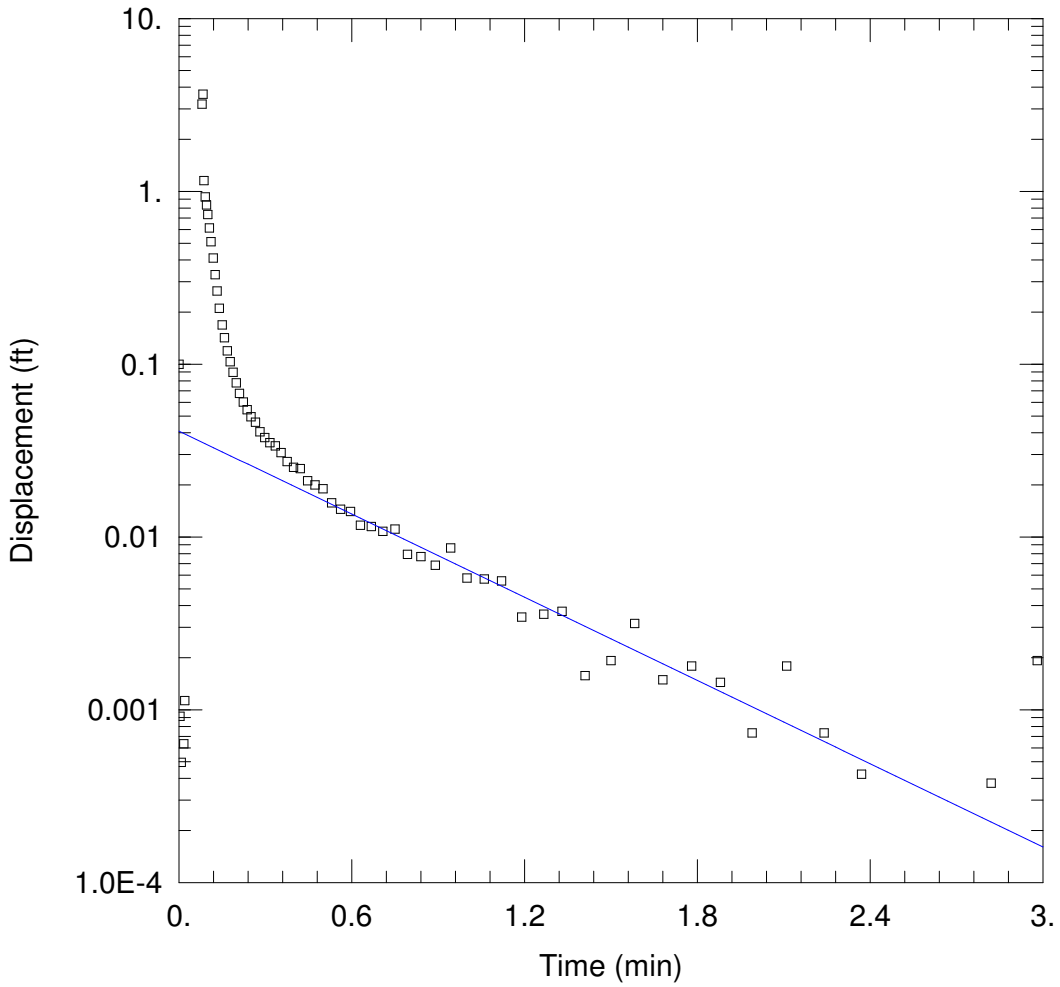
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 3.617

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	0.003318	cm/sec
y0	0.2409	ft

$T = K*b = 2.023$ cm²/sec



WELL TEST ANALYSIS

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\POD-1SO Line 2.aqt
Date: 04/15/15 Time: 10:20:00

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Well: POD-1 OUT
Test Date: 9/2011

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (POD-1)

Initial Displacement: 0.1 ft
Total Well Penetration Depth: 12.5 ft
Casing Radius: 0.154 ft
Static Water Column Height: 12.5 ft
Screen Length: 10. ft
Well Radius: 0.25 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.005718 cm/sec
y0 = 0.04101 ft

Data Set: G:\Morgan Stanley\CSR\Slug Test - Receptor Survey\POD-1SO Line 2.aqt
Date: 04/15/15
Time: 10:14:22

PROJECT INFORMATION

Company: Genesis Project
Client: Vogue
Location: Martinez, GA
Test Date: 9/2011
Test Well: POD-1 OUT

AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 0.1

SLUG TEST WELL DATA

Test Well: POD-1

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 0.1 ft
Static Water Column Height: 12.5 ft
Casing Radius: 0.154 ft
Well Radius: 0.25 ft
Well Skin Radius: 0.25 ft
Screen Length: 10. ft
Total Well Penetration Depth: 12.5 ft
Corrected Casing Radius (Bouwer-Rice Method): 0.187 ft
Gravel Pack Porosity: 0.3

No. of Observations: 89

Observation Data

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.004	0.000918	0.355	0.03072
0.008	0.000495	0.376	0.02731
0.013	-0.000784	0.398	0.02532
0.017	0.000634	0.422	0.02482
0.021	0.001129	0.447	0.02112
0.025	-0.000152	0.473	0.02003
0.029	-0.003092	0.501	0.01896
0.037	-0.002447	0.531	0.01577
0.041	-0.002381	0.562	0.01448
0.045	-0.000622	0.596	0.01406
0.051	-0.001172	0.631	0.01171
0.054	-0.00076	0.668	0.01147
0.058	-0.00076	0.708	0.01075
0.062	-0.001119	0.75	0.01111
0.065	-0.000271	0.794	0.007916
0.069	-0.000271	0.841	0.007702
0.073	-0.000692	0.891	0.006846
0.076	-0.03215	0.944	0.008625
0.08	3.195	1.	0.005782
0.084	3.644	1.06	0.005712
0.087	1.154	1.12	0.005564
0.092	0.9285	1.19	0.003437
0.096	0.8355	1.267	0.003578
0.1	0.7344	1.33	0.003717
0.106	0.6147	1.41	0.001576
0.112	0.5106	1.5	0.001928
0.119	0.4102	1.583	0.003151
0.126	0.3288	1.68	0.00149
0.133	0.2653	1.78	0.00179
0.141	0.2106	1.88	0.001437
0.15	0.1684	1.99	0.000733
0.158	0.1421	2.11	0.00179
0.168	0.1193	2.24	0.000733

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.178	0.1031	2.37	0.000424
0.188	0.08974	2.51	-0.00233
0.199	0.07808	2.66	-0.00019
0.211	0.06782	2.82	0.000376
0.224	0.06029	2.98	0.001928
0.237	0.05438	3.16	0.001928
0.251	0.04951	3.35	0.001754
0.266	0.0462	3.55	0.000966
0.282	0.04065	3.76	0.000328
0.298	0.03762	3.98	-0.000214
0.316	0.03507	4.22	0.000825
0.335	0.03371		

SOLUTION

Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 3.488

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	0.005718	cm/sec
y0	0.04101	ft

$T = K*b = 3.486$ cm²/sec

FATE & TRANSPORT MODELING EVALUATION

Contaminant Fate and Transport Model
BIOCHLOR Version 2.2

Former Vogue Cleaners
Columbia Square Shopping Center
Martinez, Columbia County, Georgia
HSI No. 10394

INTRODUCTION

Genesis Project utilized BIOCHLOR in order to simulate contaminant fate and transport at the former Vogue Cleaners located in Martinez, Georgia. In response to comments by EPD dated May 30, 2014, the model was reperformed using revised input parameters. The objective of the modeling process was to determine the theoretical maximum concentration of tetrachloroethylene (PCE) in former source area that should not impact groundwater at the point of demonstration (POD) above Type 2 Risk Reduction Standards. As presented in the CSR, the point of demonstration consists of monitor well POD-1, which is located at the downgradient property boundary of the Columbia Square Shopping Center and the Monterrey Mexican Restaurant.

MODEL ASSUMPTIONS

The revised model was constructed with the following assumptions and the input data is presented on Tables 1 & 2.

- The objective was to evaluate the concentration of PCE that may remain in the source area and not exceed current Type 2 Risk Reduction Standards for groundwater (19 ug/L).
- PCE was the primary COC addressed during the calibration of the model. PCE, 1,2 DCE, TCE, and vinyl chloride were all modeled to predict their future concentrations based on the contaminant transport parameters detemined during calibration.
- **Answer to Comment #1 of EPD letter dated May 30, 2014 regarding source concentration in model**: The source concentration of PCE in March 1999 in the area of MW-2 was 1,800 ug/L and this was utilized in the previous submittal as the source concentration in the groundwater model. However, since it was desired to include all observed COC consituents in order to obtain more accurate

biotransformation rates, the sampling data from 1998 was utilized for this submittal as a calibration point and a continuous source concentration of 10,000 ug/L was used during calibration since this was the highest concentration ever observed in MW-8 to date. The analysis results from 1998 and 1999 have been added to Table 3 in the revised CSR. Concentrations of one and two orders of magnitude lower than 10,000 ug/L have been observed in both MW-2, MW-8, and the replacement wells MW-2R and MW-8R. Therefore, a continuous source concentration of 10,000 ug/L appears both conservative and representative of the source concentration for calibration.

- **Answer to EPD Comment #2**: Biotransformation rates provided from literature by BIOCHLOR were used in the model and were refined based on calibration runs using the 1998 data. The concentrations of TCE and 1,2 DCE observed in 1998 were utilized to estimate biotransformation rates for these compounds.
- The modeled aquifer consists of unconsolidated sediments above the bedrock surface located approximately 35 feet bls, with typical depth to water of 5-6 feet below land surface (bls).
- The source area consists of the former dry cleaning equipment and is estimated to be 4 feet in width.
- The thickness of the source area was initially assumed to be 7 feet thick based on data from MW-8 and MW-8D in 1999.
- Advection – Dispersion – Adsorption: Parameters were either site-specific and field-measured or based on peer-reviewed literature values accepted by EPD (Table 1). These values were adjusted based on calibration and on a review of the slug test analysis recommended by EPD in Comment #6. Calibrated values are discussed in the next section.
- Biotransformation: Biotransformation rates were based on literature values provided by BIOCHLOR and were refined based on observed concentrations through time compared to field data during the calibration process. All the rates utilized were within the ranges stipulated by the BIOCHLOR program.
- General Parameters: The source is assumed to be a continuous planar source.

MODEL CALIBRATION

- The model calibration was developed to estimate the actual fate and transport of PCE, TCE, 1,2 DCE, and Vinyl Chloride using groundwater analysis results from 1998. This data was selected since it was the maximum concentration of PCE found in MW-8 at the source area prior to active corrective action activities at the site. No vinyl chloride has been observed at the site to date.

- **In response to EPD Comment #1 regarding time of release**: The simulated time from release initiation to the sampling date used in the calibration was revised to fourteen (14) years during the first calibration run. This equates to a source initiation in 1984. The source used in the model calibration was 10,000 ppb PCE, which was the highest concentration observed at MW-8 in the past, prior to remediation. Monitor well MW-8 is estimated to be located near the former source area based on past concentrations and remediation activities. The second spatial point used in the calibration was monitor well MW-5 .
- **In response to EPD Comment #3a**: As EPD requested, the transverse and vertical dispersivities were set to 0.1 of the longitudinal dispersivity (15 ft). BIOCHLOR would allow only vertical dispersivities to the nearest tenth, so both it and the transverse dispersivities were set at 0.1 rather than 0.2. An input value of 0.15 would have been automatically rounded to 0.2 by the program.
- **In response to EPD Comment #3b:** The model was revised using the Koc values stipulated by EPD (94.94 for PCE, 60.7 for TCE, 39.6 for 1,2 DEC and 21.73 for Vinyl Chloride.)
- The source area originally used in the model in the previous submittal was 10 feet wide by 10 feet deep. Using these values produced a plume that far exceeded the size and severity of what had been observed, even using as short as one (1) year for the continuous source period. More precise values were obtained from historical data and observations, and more realistic dimensions of four (4) feet in width and seven (7) feet of saturated thickness were utilized during the calibration, producing results more consistent with observed concentrations.
- **In response to EPD Comment #3c:** It should be noted that the initial foc is based on empirical values collected at the site in March 1999. The value shown (0.0755) was the average of the two samples collected. This lab report is included in Appendix F. Attempts to calibrate the model using the EPD recommended value of 0.002 foc were not successful. Successful calibration was obtained using the field-measured value of 0.0755.
- **In response to EPD Comment #4:** The problem in the model results observed by EPD was investigated and found to result from incompatibilities between the current version of BIOCHLOR and the more recent versions of EXCEL. The modelling was reperformed using a version of EXCEL compatible with BIOCHLOR which resolved the problems noted by EPD.
- **Response to EPD Comment #5:** Reductive dechlorination has been observed at the site both before and especially after the introduction of HRC. Additional non-reductive dechlorination has occurred as as result of the use of ART technology and the introduction of Persulfox. The biotransformation pathways and mechanisms have differed over time at this site in accordance with the change in subsurface conditions from these various methods. However, according to

sampling results of March 2015, the groundwater has returned to its low-oxygen, reductive state in MW-2R near the source. Since the data produced in the HRC pilot test and the baseline sampling in 2002 indicated that reductive dechlorination was occurring at that time, TCE and 1,2 cis-DCE have been observed in the monitor wells during recent sampling, and oxygen levels have returned to reductive values in MW-2R, the use of biotransformation by means of reductive dechlorination was justified for this model.

- **Response to EPD Comment #6:** The slug test data points used for the best-fit slope lines were re-examined and readjusted in accordance with EPD's comments. As a result, the best-fit slope line was drawn to the data and a revised hydraulic conductivity of 0.004 cm/sec was used in the groundwater model.
- Results of the calibration are presented on below.

MODEL PREDICTION

Once the model was calibrated to the target well MW-5, prediction simulations were completed to determine what concentration of the COCs in the source area would not result in concentrations at the point of demonstration (POD-1) above the State of Georgia Type 2 Risk Reduction Standards (Section 6.0). Model Assumptions included:

- All criteria remained the same;
- General Parameters: The source is assumed to be a continuous planar source
- Source area concentrations were modified for each COC to determine what concentration may remain in groundwater at monitor well MW-8R and not exceed risk criteria at the point of demonstration well POD-1.

The COCs considered in this exercise were:

Compound	**Risk Criteria at Point of Demonstration**
Tetrachloroethylene	19 ug/L
Trichloroethylene	5 ug/L
Cis-1,2 Dichloroethylene	70 ug/L

Predictive simulations were completed for 90, 100, 160, and 200 years. The model predicted plume stabilization in the area of the POD at 160 years. The model predicted that the following source concentrations for each COC would not cause an impact to groundwater above the Type 2 RRS:

Compound	Acceptable Source Area Concentration
Tetrachloroethylene	700 ug/L
Trichloroethylene	100 ug/L
Cis-1,2 Dichloroethylene	1,300 ug/L

SUMMARY

Using EPD recommended criteria, groundwater contaminant fate and transport modeling was completed for the former Vogue Cleaners site to evaluate the on-site concentration of a continuous source of groundwater impacts in the former source area. These concentrations should not result in an impact at the point of demonstration (POD) above Type 2 RRSs.

Table 1

BIOCHLOR INPUT DATA

Former Vogue Cleaners

Washington Road, Martinez, GA April 2015

Input Parameters	Symbol	Initial Value	Adjusted Value	Units	Comments
ADVECTION					
Seepage Velocity		61.2	--	ft/yr	Calculated by Biochlor
Hydraulic Conductivity		0.004	--	cm/sec	Ave of in-situ permeability testing (slug test)
Hydraulic Gradient		0.0034	--	ft/ft	Calculated via 3-point problem (MW---2R, MW-5, MW-7)
Porosity		0.23	--	dim'less	Taken from Analytical Results (Qore March 1999)
DISPERSION					
Longitudinal Dispersivity		15	--	ft	10% of plume length in MW-2 to MW-6 (~150 feet)
Transverse Dispersivity/a_y		.1	.1	ft	Alpha y = alpha x * 0.1
Vertical Dispersivity/ a_x		.1	.1	ft	Alpha z = Alpha x * 0.1 (couldn't use 0.15 without BIOCHLOR rounding it up to 0.2)
ADSORPTION					
Retardation Factor		1.84	32.88	dim'less	Calculated by Biochlor using first assumed, then field-measured foc
Soil Bulk Density		1.6	--	kg/L	Average of analytical results (Qore --- March 1999)
PCE Partition Coefficient		94.84	--	L/kg	Values taken from EPD & EPA References
TCE Partition Coefficient		60.7	--	L/kg	Values provided by EPD
1,2 DCE Partition Coefficient		39.6	--	L/kg	Values provided by EPD
VC Partition Coefficient		21.73	--	L/kg	Values provided by EPD
Fraction Organic Carbon		0.002	0.0755	dim'less	EPD-requested default value (0.002) then increased to field-measured value to allow calibration
BIOTRANSFORMATION					
Zone 1					
1st Order Decay or Solute ½-life					
PCE---TCE		1.	0.9	1/year	BIOCHLOR lit. values adjusted w/in range based on field data
TCE---DCE		2.4	2.4	1/year	BIOCHLOR lit. values adjusted w/in range based on field data
DCE---VC		1.1	0.1	1/year	BIOCHLOR lit. values adjusted w/in range based on field data
VC---ETH		2	4.9	1/year	BIOCHLOR lit. values adjusted w/in range based on field data

Table 2

BIOCHLOR INPUT DATA

Former Vogue Cleaners Washington

Road, Martinez, GA April 2015

Input Parameters	Symbol	Initial Value	Adjusted Value	Units	Comments
GENERAL					
Model Area Length		150	--	ft	Estimated maximum Length of Dissolved Plume
Model Area Width		30	--	ft	Estimated maximum Width of Dissolved Plume
Calibration Simulation Time		18	14	yrs	Calibrated approx. time from estimated source start to 1998
SOURCE DATA					
Source Thickness		10	7	ft	Calibrated and from field observations
Source Option		Continuous Single Planar	--		Estimated from observations
Source Area Width		10	4	ft	Approximate Width of release area
PCE Source Concentration		10.0		mg/L	Estimated from max results observed in MW-8 prior to HRC
PCE Concentration Downgradient (60 ft)		0.065		mg/L	Results from MW-5 in 1998

FIELD DATA	Conc (mg/L)	Distance from Source (ft)			Comments
MW-8 PCE	10.0	0			
MW-5 PCE	0.65	60			
POD-1 PCE	N/A	60			
Property Line	N/A	70			

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Vogue Cleaners Columbia
1998-14-yr-calibration-biotrans
Run Name

Data Input Instructions:
115 ▸ 1. Enter value directly....or
↑ or ↓ 2. Calculate by filling in gray
0.02 cells. Press Enter, then (C)
(To restore formulas, hit "Restore Formulas" button)
Variable* ▸ Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CHLORINATED SOLVENT: Ethenes (◉) Ethanes (○)

1. ADVECTION

Seepage Velocity*	Vs	61.2	(ft/yr)
or			
Hydraulic Conductivity	K	4.0E-03	(cm/sec)
Hydraulic Gradient	i	0.0034	(ft/ft)
Effective Porosity	n	0.23	(-)

2. DISPERSION

Alpha x*	15	(ft)	Calc. Alpha x
(Alpha y) / (Alpha x)*	0.1	(-)	
(Alpha z) / (Alpha x)*	1.E-01	(-)	

3. ADSORPTION

Retardation Factor* ▸ R

or

Soil Bulk Density, rho	1.6	(kg/L)		
FractionOrganicCarbon, foc	7.6E-2	(-)		
Partition Coefficient	Koc			
PCE	94	(L/kg)	50.37	(-)
TCE	61	(L/kg)	32.88	(-)
DCE	40	(L/kg)	21.80	(-)
VC	22	(L/kg)	12.41	(-)
ETH	98	(L/kg)	52.47	(-)
Common R (used in model)* =			**32.88**	

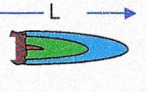
4. BIOTRANSFORMATION

-1st Order Decay Coefficient*

	λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.900	0.00	0.79
TCE → DCE	2.400	0.00	0.74
DCE → VC	0.100	0.00	0.64
VC → ETH	4.900	0.00	0.45
Zone 2	λ (1/yr)	half-life (yrs)	
PCE → TCE	0.000		λ HELP
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

5. GENERAL

Simulation Time*	14	(yr)	
Modeled Area Width*	30	(ft)	
Modeled Area Length*	150	(ft)	
Zone 1 Length*	150	(ft)	
Zone 2 Length*	0	(ft)	Zone 2= L - Zone 1



6. SOURCE DATA

TYPE: Continuous Single Planar

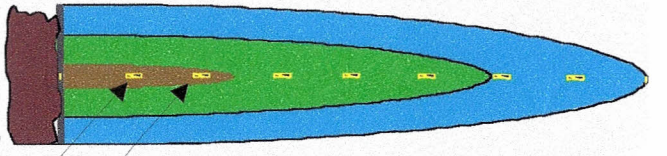
Source Options

Source Thickness in Sat. Zone* 7 (ft)

Width* (ft) Y1: 4

Conc. (mg/L)*	C1	k_s* (1/yr)
PCE	10.0	0
TCE	.0	0
DCE	.0	0
VC	.0	0
ETH	0	0

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

PCE Conc. (mg/L)	10.0					.065					
TCE Conc. (mg/L)	.004					.0					
DCE Conc. (mg/L)						.003					
VC Conc. (mg/L)	0.0					.0					
ETH Conc. (mg/L)	0.0					.0					
Distance from Source (ft)						60					
Date Data Collected	1998										

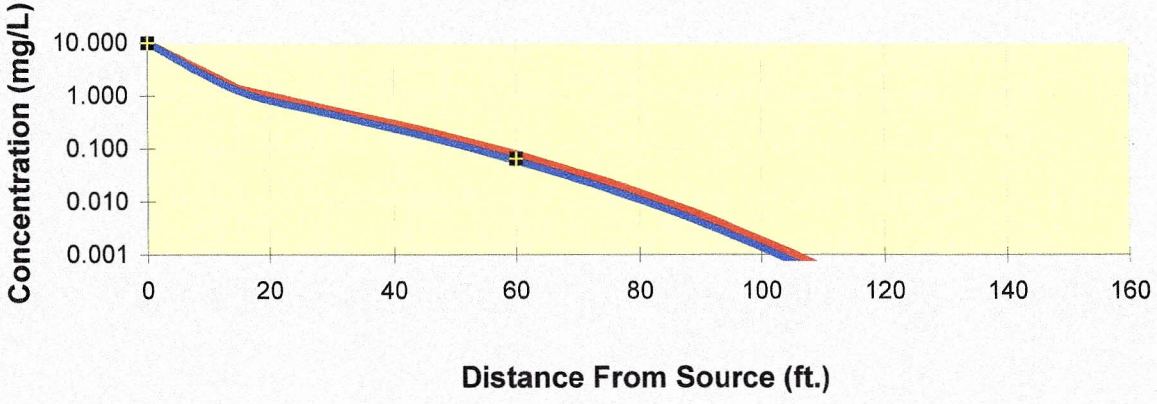
8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore Formulas | RESET | SEE OUTPUT | Paste Example

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

	Distance from Source (ft)										
PCE	0	15	30	45	60	75	90	105	120	135	150
No Degradation	10.000	1.396	0.549	0.223	0.080	0.024	0.006	0.001	0.000	0.000	0.000
Biotransformation	10.0000	1.243	0.451	0.173	0.060	0.017	0.004	0.001	0.000	0.000	0.000
	Monitoring Well Locations (ft)										
						60					
Field Data from Site	10.000					0.065					

No Degradation/Production Sequential 1st Order Decay Field Data from Site



See PCE
See TCE
See DCE
See VC
See ETH

Prepare Animation

Time:
14.0 Years
Log ⟺ Linear

Return to Input
To All
To Array

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Vogue Cleaners Columbia
Vogue SACC calculation-atabilized
Run Name

Data Input Instructions:
1. Enter value directly....or
2. Calculate by filling in gray cells. Press Enter, then C

115 or 0.02

(To restore formulas, hit "Restore Formulas" button)

Variable* ▸ Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CHLORINATED SOLVENT: Ethenes ◉ Ethanes ○

1. ADVECTION

Seepage Velocity*	Vs	61.2	(ft/yr)
or			
Hydraulic Conductivity	K	4.0E-03	(cm/sec)
Hydraulic Gradient	i	0.0034	(ft/ft)
Effective Porosity	n	0.23	(-)

2. DISPERSION

Alpha x*	15	(ft)
(Alpha y) / (Alpha x)*	0.1	(-)
(Alpha z) / (Alpha x)*	1.E-01	(-)

Calc. Alpha x

3. ADSORPTION

Retardation Factor* ▸ R

or

Soil Bulk Density, rho		1.6	(kg/L)	
FractionOrganicCarbon, foc		7.6E-2	(-)	
Partition Coefficient	Koc			
PCE		94	(L/kg)	50.37 (-)
TCE		61	(L/kg)	32.88 (-)
DCE		40	(L/kg)	21.80 (-)
VC		22	(L/kg)	12.41 (-)
ETH		98	(L/kg)	52.47 (-)
Common R (used in model)* =				**32.88**

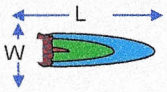
4. BIOTRANSFORMATION

	-1st Order Decay Coefficient* λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.900	0.00	0.79
TCE → DCE	2.400	0.00	0.74
DCE → VC	0.100	0.00	0.64
VC → ETH	4.900	0.00	0.45
Zone 2	λ (1/yr)	half-life (yrs)	
PCE → TCE	0.000		
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

λ HELP

5. GENERAL

Simulation Time*	160	(yr)
Modeled Area Width*	30	(ft)
Modeled Area Length*	150	(ft)
Zone 1 Length*	150	(ft)
Zone 2 Length*	0	(ft)



Zone 2= L - Zone 1

6. SOURCE DATA

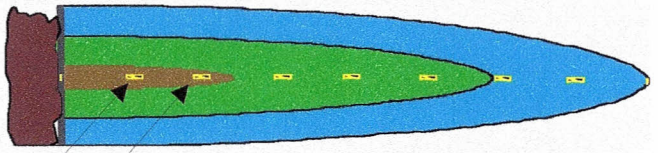
TYPE: Continuous / Single Planar

Source Options

Source Thickness in Sat. Zone* 7 (ft)

	Y1	k_s* (1/yr)
Width* (ft)	4	
Conc. (mg/L)*	C1	
PCE	.7	0
TCE	.1	0
DCE	1.3	0
VC	.0	0
ETH	0	0

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

PCE Conc. (mg/L)											
TCE Conc. (mg/L)											
DCE Conc. (mg/L)											
VC Conc. (mg/L)											
ETH Conc. (mg/L)											
Distance from Source (ft)											
Date Data Collected											

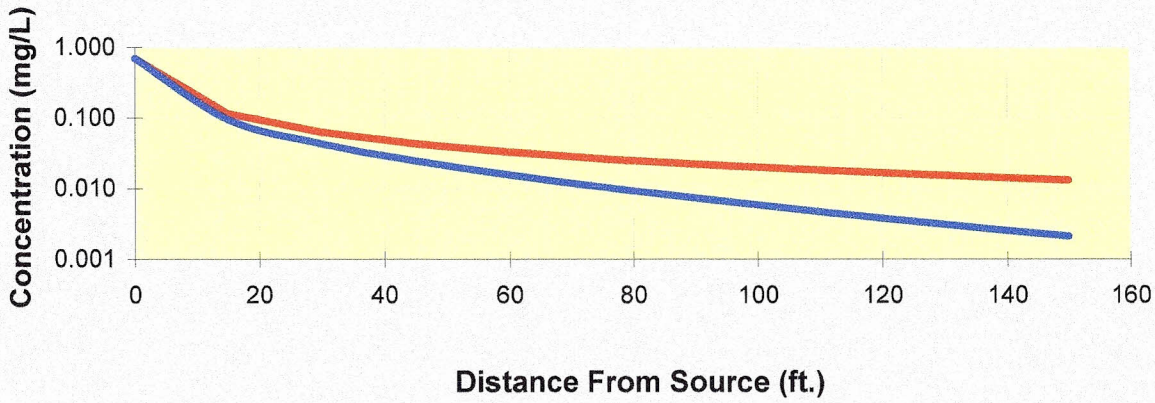
8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore Formulas | RESET | SEE OUTPUT | Paste Example

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

PCE	Distance from Source (ft)										
	0	15	30	45	60	75	90	105	120	135	150
No Degradation	0.700	0.115	0.063	0.043	0.033	0.027	0.022	0.019	0.017	0.015	0.013
Biotransformation	0.7000	0.096	0.043	0.025	0.016	0.011	0.007	0.005	0.004	0.003	0.002
	Monitoring Well Locations (ft)										
Field Data from Site											

No Degradation/Production Sequential 1st Order Decay Field Data from Site



See PCE
See TCE
See DCE
See VC
See ETH

Prepare Animation

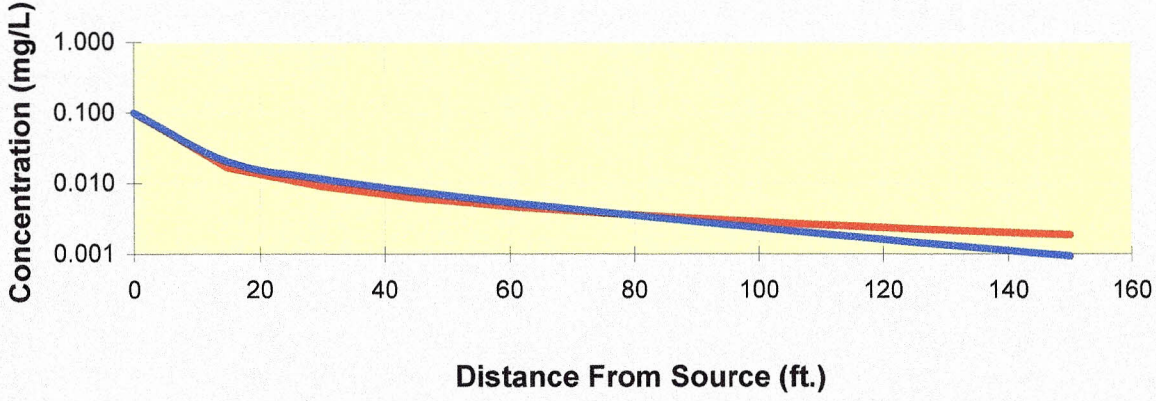
Time:
160.0 Years
Log ⟺ Linear

Return to Input
To All
To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

TCE	Distance from Source (ft)										
	0	15	30	45	60	75	90	105	120	135	150
No Degradation	0.100	0.016	0.009	0.006	0.005	0.004	0.003	0.003	0.002	0.002	0.002
Biotransformation	0.1000	0.020	0.012	0.008	0.005	0.004	0.003	0.002	0.002	0.001	0.001
	Monitoring Well Locations (ft)										
Field Data from Site											

No Degradation/Production Sequential 1st Order Decay Field Data from Site



See PCE
See TCE
See DCE
See VC
See ETH

Prepare Animation

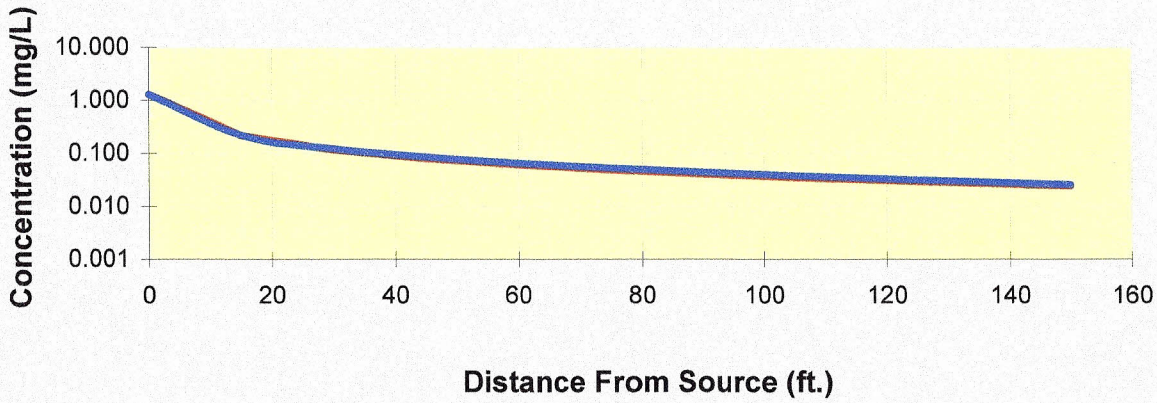
Time:
160.0 Years
Log ⟺ Linear

Return to Input
To All
To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

	Distance from Source (ft)										
DCE	0	15	30	45	60	75	90	105	120	135	150
No Degradation	1.300	0.214	0.117	0.080	0.061	0.049	0.041	0.035	0.031	0.027	0.024
Biotransformation	1.3000	0.218	0.121	0.084	0.065	0.052	0.044	0.038	0.033	0.029	0.026
	Monitoring Well Locations (ft)										
Field Data from Site											

No Degradation/Production Sequential 1st Order Decay Field Data from Site



See PCE
See TCE
See DCE
See VC
See ETH

Prepare Animation

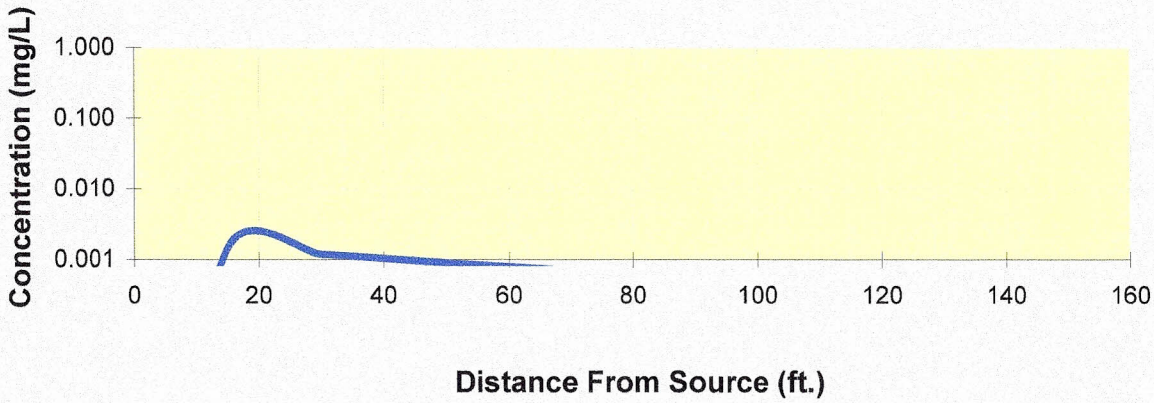
Time:
160.0 Years
Log ⟺ Linear

Return to Input
To All
To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

VC	Distance from Source (ft) 0	15	30	45	60	75	90	105	120	135	150
No Degradation	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Biotransformation	0.0000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
	Monitoring Well Locations (ft)										
Field Data from Site											

No Degradation/Production Sequential 1st Order Decay Field Data from Site



See PCE
See TCE
See DCE
See VC
See ETH

Prepare Animation

Time:
160.0 Years
Log ⟺ Linear

Return to Input
To All
To Array

VAPOR INTRUSION EVALUATION

OSWER VAPOR INTRUSION ASSESSMENT

Vapor Intrusion Screening Level (VISL) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-05	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (°C)	Tgw	25	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

	CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? Cvp > Cia,target? Yes/No	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? Chc > Cia,target? Yes/No	Target Indoor Air Conc. @ TCR = 10E-06 or THQ = 1 MIN(Cia,c;Cia,nc) (ug/m³)	Toxicity Basis C/NC	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 10E-06 or THQ = 1 Csg (ug/m³)	Target Ground Water Conc. @ TCR = 10E-06 or THQ = 1 Cgw (ug/L)	Is Target Ground Water Conc. < MCL? Cgw<MCL? Yes/No (MCL ug/L)	Temperature for Groundwater Vapor Conc. Tgw or 25 C	Lower Explosive Limit** LEL (% by vol)	LEL Source	Inhalation Unit Risk IUR (ug/m³)⁻¹	IUR Source*	Reference Concentration RfC (mg/m³)	RFC Source*	Mutagenic Indicator i	Target Indoor Air Conc. for Carcinogens @ TCR = 10E-06 Cia,c (ug/m³)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 1 Cia,nc (ug/m³)
x	67-64-1	Acetone	Yes	Yes	1.4E+05	NC	4.4E+07	9.5E+07	--	25	2.6	E			3.10E+01	A			1.4E+05
x	75-35-4	Dichloroethylene, 1,1-	Yes	Yes	8.8E+02	NC	2.8E+05	8.2E+02	No (7)	25	6.5	N			2.00E-01	I			8.8E+02
x	108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	Yes	Yes	1.3E+04	NC	4.2E+06	2.3E+06	--	25	1.2	N			3.00E+00	I			1.3E+04
x	127-18-4	Tetrachloroethylene	Yes	Yes	1.8E+02	NC	5.7E+04	2.4E+02	No (5)	25			2.60E-07	I	4.00E-02	I		4.7E+02	1.8E+02
x	108-88-3	Toluene	Yes	Yes	2.2E+04	NC	7.1E+06	8.1E+04	No (1000)	25	1.1	N			5.00E+00	I			2.2E+04
x	79-01-6	Trichloroethylene	Yes	Yes	8.8E+00	NC	2.8E+03	2.2E+01	No (5)	25	8	N	see note	I	2.00E-03	I	TCE	3.0E+01	8.8E+00
x	95-63-6	Trimethylbenzene, 1,2,4-	Yes	Yes	3.1E+01	NC	9.9E+03	1.2E+02	--	25	0.9	N			7.00E-03	P			3.1E+01
x	1330-20-7	Xylenes	Yes	Yes	4.4E+02	NC	1.4E+05	2.1E+03	Yes (10000)	25					1.00E-01	I			4.4E+02

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected (based on scenario in cell E5) Value
Averaging time for carcinogens	(yrs)	ATc_R	70	ATc_C	70	ATc	70
Averaging time for non-carcinogens	(yrs)	ATnc_R	26	ATnc_C	25	ATnc	25
Exposure duration	(yrs)	ED_R	26	ED_C	25	ED	25
Exposure frequency	(days/yr)	EF_R	350	EF_C	250	EF	250
Exposure time	(hr/day)	ET_R	24	ET_C	8	ET	8

(2) **Generic Attenuation Factors:**

Source Medium of Vapors		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected (based on scenario in cell E5) Value
Groundwater	(-)	AFgw_R	0.001	AFgw_C	0.001	AFgw	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R	0.1	AFss_C	0.0031	AFss	0.0031

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)

Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR)

Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET)

(4) **Special Case Chemicals**

Trichloroethylene

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected (based on scenario in cell E5) Value
mIURTCE	mIURTCE_R	1.00E-06	mIURTCE_C	0.00E+00	mIURTCE	0.00E+00
IURTCE	IURTCE_R	3.10E-06	IURTCE_C	4.10E-06	IURTCE	4.10E-06

Mutagenic Chemicals

The exposure durations and age-dependent adjustment factors for mutagenic-mode-of-action are listed in the table below:

Note: This section applies to trichloroethylene and other mutagenic chemicals, but not to vinyl chloride.

Age Cohort	Exposure Duration (years)	Age-dependent adjustment factor
0 - 2 years	2	10
2 - 6 years	4	3
6 - 16 years	10	3
16 - 26 years	10	1

Mutagenic-mode-of-action (MMOA) adjustment factor 25 This factor is used in the equations for mutagenic chemicals.

Vinyl Chloride

See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:

NVT = Not sufficiently volatile and/or toxic to pose inhalation risk in selected exposure scenario for the indicated medium

C = Carcinogenic

NC = Non-carcinogenic

I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at: http://www.epa.gov/iris/subst/index.html

P = PPRTV. EPA Provisional Peer Reviewed Toxicity Values (PPRTVs). Available online at: http://hhpprtv.ornl.gov/pprtv.shtml

A = Agency for Toxic Substances and Disease Registry (ATSDR) Minimum Risk Levels (MRLs). Available online at: http://www.atsdr.cdc.gov/mrls/index.html

CA = California Environmental Protection Agency/Office of Environmental Health Hazard Assessment assessments. Available online at:

H = HEAST. EPA Superfund Health Effects Assessment Summary Tables (HEAST) database. Available online at: http://epa-heast.ornl.gov/heast.shtml

S = See RSL User Guide, Section 5

X = PPRTV Appendix

E = The Engineering ToolBox. Available online at http://www.engineeringtoolbox.com/explosive-concentration-limits-d_423.html

N = Centers for Disease Control and Prevention (CDC) National Institute for Occupational Safety and Health (NIOSH). Pocket Guide to Chemical Hazards. Available online at: http://www.cdc.gov/niosh/npg/default.html

M = Chemical-specific MSDS

Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).

VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).

TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).

Yellow highlighting indicates site-specific parameters that may be edited by the user.

Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.

**Lower explosive limit is the minimum concentration of the compound in air (% by volume) that is needed for the gas to ignite and explode.

Soil Gas Sample SV-1R

OSWER VAPOR INTRUSION ASSESSMENT
Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

	CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration Csg (ug/m^3)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	67-64-1	Acetone	8.4E+01	2.60E-01	No IUR	1.9E-06
x	127-18-4	Tetrachloroethylene	2.3E+03	7.13E+00	1.5E-07	4.1E-02
x	108-88-3	Toluene	7.8E+00	2.42E-02	No IUR	1.1E-06

Inhalation Unit Risk IUR ($ug/m^3)^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
		3.10E+01	A	
2.60E-07	I	4.00E-02	I	
		5.00E+00	I	

Soil Gas Sample SV-2R

OSWER VAPOR INTRUSION ASSESSMENT
Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

	CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration Csg (ug/m^3)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	67-64-1	Acetone	6.9E+01	2.14E-01	No IUR	1.6E-06
x	108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	1.2E+01	3.72E-02	No IUR	2.8E-06
x	127-18-4	Tetrachloroethylene	4.8E+02	1.49E+00	3.2E-08	8.5E-03
x	108-88-3	Toluene	1.1E+01	3.41E-02	No IUR	1.6E-06
x	120-82-1	Trichlorobenzene, 1,2,4-	2.0E+01	6.20E-02	No IUR	7.1E-03
x	1330-20-7	Xylenes	3.1E+01	9.67E-02	No IUR	2.2E-04

Inhalation Unit Risk IUR ($ug/m^3)^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
		3.10E+01	A	
		3.00E+00	I	
2.60E-07	I	4.00E-02	I	
		5.00E+00	I	
		2.00E-03	P	
		1.00E-01	I	

Soil Gas Sample SV-3R

OSWER VAPOR INTRUSION ASSESSMENT

Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

	CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration Csg (ug/m^3)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	127-18-4	Tetrachloroethylene	7.8E+03	2.42E+01	5.1E-07	1.4E-01
x	79-01-6	Trichloroethylene	1.0E+02	3.10E-01	1.0E-07	3.5E-02

Inhalation Unit Risk IUR ($(ug/m^3)^{-1}$)	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
2.60E-07	I	4.00E-02	I	
see note	I	2.00E-03	I	TCE

Soil Gas Sample SV-4R

OSWER VAPOR INTRUSION ASSESSMENT
Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

	CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration Csg (ug/m^3)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	127-18-4	Tetrachloroethylene	4.7E+04	1.46E+02	3.1E-06	8.3E-01
x	79-01-6	Trichloroethylene	1.4E+03	4.34E+00	1.5E-06	5.0E-01

Inhalation Unit Risk IUR ($ug/m^3)^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
2.60E-07	I	4.00E-02	I	
see note	I	2.00E-03	I	TCE

Soil Gas Sample SV-5R

OSWER VAPOR INTRUSION ASSESSMENT
Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.3.1, May 2014 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

	CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration Csg (ug/m^3)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	127-18-4	Tetrachloroethylene	2.9E+04	8.99E+01	1.9E-06	5.1E-01
x	79-01-6	Trichloroethylene	6.8E+02	2.11E+00	7.0E-07	2.4E-01

Inhalation Unit Risk IUR ($ug/m^3)^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
2.60E-07	I	4.00E-02	I	
see note	I	2.00E-03	I	TCE

APPENDIX D
FIELD METHODS

APPENDIX D
FIELD METHODS

SOIL AND GROUNDWATER SAMPLING PROCEDURES

SOIL SAMPLING

Soil sampling will be conducted in general accordance with protocols described in Section 4.0 of the USEPA Region IV Standard Operating Procedures/Quality Assurance Manual (SOP/QAM) dated February 1991. The samples will be collected using grab sampling methods. The excavation equipment will assist with the sampling. Care will be exercised to collect a sample that has not been exposed or aerated during excavation process and immediately placed in the appropriate containers.

Immediately upon completion of the sampling process, each of the samples will be placed in an ice-filled cooler before being transported to the laboratory. Sample collection date, time, location, depth, as well as soil description will be recorded in the field logbook or sample log.

Waste characterization samples will be collected from each soil stockpile created at the Site. The samples will be collected at a rate of one per every 100 CY of soil. At a minimum, however, two samples will be collected from each stockpile. The samples will be analyzed for TCLP VOCs, SVOCs and Metals. The results of the analyses will be used to make a final decisions concerning disposal.

All sampling equipment will be decontaminated between samples. The decontamination process will include; a phosphate-free laboratory grade detergent wash followed by a potable water rinse. In the case of the excavation equipment, the bucket will be cleaned of any residual debris prior to the collection of the grab sample.

GROUNDWATER SAMPLING

Prior to groundwater sampling, the depth to water will be recorded for each temporary monitoring well and purged of groundwater. Each of the temporary monitoring

wells will be purged of a minimum three well volumes or pumped dry using a peristaltic pump with dedicated plastic tubing for each well. All monitoring wells were sampled utilizing low-flow sampling techniques. Low-flow techniques were utilized in this investigation to remove any soil particles present in groundwater, verified through the use of turbidity measurements, and provide an accurate representation of RCRA Metals in groundwater. Water quality parameters such as pH, conductivity, temperature, and groundwater drawdown rate were evaluated during purging to ensure groundwater samples were representative of formational groundwater. Groundwater samples were collected following the stabilization of these parameters. Specifically, stabilization is achieved when three successive readings of pH range within +/- 0.10, conductivity within +/- 0.30 (S/cm), and turbidity less than 10 ntu.

VAPOR ASSESSMENT INVESTIGATION

A total of five (5) sub-slab samples locations were installed in the interior of the former Vogue Cleaners. Five sub-slab vapor probes were installed in each potentially affected area where vapor may be of concern. A rotatory hammer drill was used to create a small diameter hole through the concrete and into the sub-slab material. The open cavity created by the drilling process was filled with sand to prevent obstruction of probes by the external material. A quick drying Portland cement was used to ensure a tight seal into the annular space between the probe and outside of the hole.

The sub-slab samples were collected in Summa canisters using a peristaltic pump and dedicated tubing and analyzed for a list of target compounds vial EPA Method TO-15. Three (3) of the five (5) samples collected were also analyzed for Radon and were collected in 1L Tedlar bags. Radon was utilized to support site specific attenuation factors for the contaminants of concern.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 3/5/15 Well ID: MW-2R Page: 1

Samplin Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Redings
Well Deth: _____ Screened Interval: _____ Water Level: 5.65 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
810	5.75	9.1	4.93	16.61	0.298	1.84	48.5		4 gall removed 3/4
815	5.75	9.2	4.28	16.54	0.250	1.38	51.1		
820	5.75	9.3	4.53	16.46	0.220	1.22	46.8		
825	5.75	9.5	4.87	16.32	~~0.193~~ 0.192	1.12	41.7		
830	5.75	9.7	5.01	16.30	0.183	1.03	38.8		
835	5.75	10.1	5.30	16.31	0.174	1.00	37.1		
840	5.75	10.3	5.46	16.49	0.168	1.36	34.3		
845	5.75	10.5	5.56	16.54	0.167	0.97	35.2		
850	5.75	10.6	5.64	16.53	0.169	0.97	37.6		
~~900~~ 855	5.75	10.8	5.71	16.51	0.161	0.94	34.8		
~~905~~ 900	5.75	11.1	5.75	16.48	0.161	0.87	33.1		
905	5.75	11.5	5.77	16.50	0.159	0.89	33.7		
910	5.75	11.8	5.78	16.50	0.160	—	35.0		YSI powered off
915	5.75	12.1	5.86	16.48	0.160	0.87	34.4		
920	5.75	12.4	5.81	16.52	0.159	0.84	31.6		
925	5.75	12.7	5.83	16.57	0.163	0.84	36.3		
930	5.75	13.1	5.82	16.49	0.163	0.87	31.1		
935	5.75	13.5	5.83	16.52	0.163	0.86	30.0		

Depth to Water after sample collection: _____ Total Gallons Purged: _____

Date/Time Sample Collection _____

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 3/5/15 Well ID: MW-2R Page: 2

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.65 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
940	~~13~~ 5.75	13.5	5.83	16.62	0.167	0.85	32.8		
945	5.75	13.7	5.84	16.68	0.169	0.90	30.8		
950	5.75	14.0	5.85	16.67	0.170	0.90	30.3		
955	5.75	14.2	5.86	16.67	0.171	0.88	29.7		
1000	5.75	14.4	5.86	16.61	0.173	0.92	30.8		
1010	5.75	14.6	5.89	16.70	0.180	1.37	32.5		Adjusted hose
1015	5.75	14.8	5.91	16.67	0.187	0.96	29.8		
1020	5.75	15.0	5.89	16.88	0.185	0.94	24.7		
1025	5.75	15.2	5.90	16.80	0.180	0.96	28.8		
1030	5.75	15.4	5.89	16.95	0.176	0.92	27.0		
1035	5.75	15.6	5.89	16.88	0.173	0.97	27.0		
1040	5.75	15.8	5.89	16.82	0.173	0.94	25.1		
1045	5.75	16.0	5.89	16.67	0.172	0.92	23.3		

Depth to Water after sample collection: 5.75 Total Gallons Purged: 16

Date/Time Sample Collection 3/5/15 1045

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 3/5/15 Well ID: MW-8R Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 10.45 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1115	10.45	45.2	6.08	19.11	0.412	2.59	11.6		45 gall removed 3/4
1120	10.45	45.7	6.07	19.10	~~0.40~~ 0.409	2.52	8.27		
1125	10.45	46.3	6.07	18.99	0.403	2.44	8.16		
1130	10.45	46.8	6.05	19.08	0.403	2.38	8.34		
1135	10.45	47.2	6.06	19.11	0.404	2.32	8.16		
1140	10.45	47.7	6.09	19.55	0.407	2.27	8.09		
1145	10.45	48.0	6.10	19.56	0.406	2.23	7.95		

Depth to Water after sample collection: 10.45 Total Gallons Purged: 48.0

Date/Time Sample Collection 3/5/15 1145

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/15 Well ID: MW-1 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 5.46 Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1615	5.46	0.5	6.27	16.06	0.169	0.67	2.08		
1620	5.46	0.75	6.27	16.22	0.164	0.64	2.56		
1625	5.46	1.0	6.24	16.34	0.150	0.86	1.64		
1630	5.46	1.25	6.20	16.37	0.145	1.05	1.28		

Depth to Water after sample collection: 5.46 Total Gallons Purged: _____

Date/Time Sample Collection 1/13/15 1635

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/15 Well ID: MW-2R Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 5.64 Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1515	5.80	1.0	6.21	16.62	0.138	0.94	6.42		
1520	5.80	1.2	6.24	16.68	0.136	0.63	4.12		
1525	5.80	1.5	6.25	16.77	0.140	0.55	2.58		
1530	5.80	1.7	6.25	16.79	0.139	0.54	1.71		

Depth to Water after sample collection: 5.80 Total Gallons Purged: _____

Date/Time Sample Collection 1/13/15 1535

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/15 Well ID: MW-4 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings

Well Depth: 5.0 Screened Interval: _____ Water Level: 5.0 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1410	5.0	1.5	5.27	15.43	0.060	9.0	24.5		
1415	5.0	2.0	5.11	15.85	0.074	5.44	20.9		
1420	5.0	7.25	5.03	16.02	0.080	5.46	14.2		
1425	5.0	9.5	4.94	16.21	0.081	5.04	11.9		
1430	5.0	12.5	4.89	16.21	0.080	5.01	10.6		
1435	5.0	13.0	4.84	16.00	0.074	5.50	8.8		

Depth to Water after sample collection: 5.0 Total Gallons Purged: _____

Date/Time Sample Collection 1/13/15 1440

Parameter Standards:

pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.

Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals

water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: _____ Well ID: MW-5 Page: _____

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 5.74 Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1630	5.74	.10	6.27	15.24	0.544	8.28	14.5		
1635	5.78	.10	6.61	15.79	0.545	7.79	130		
1640	5.78	.10	6.57	16.71	0.494	6.81	9.15		
1645	5.78	.10	6.47	16.95	0.474	6.62	5.76		
1650	5.79	.10	6.37	17.15	0.461	6.42	4.43		
1655	5.79	.05	6.34	17.18	0.461	6.34	6.36		
1700	5.79	.05	6.32	17.20	0.462	6.31	2.92		
1705	5.79	.05	6.31	17.20	0.462	6.32	3.17		
1710	5.79	.05	6.30	17.12	0.461	6.32	2.77		
1715	5.79	.05	6.30	17.08	0.462	6.31	2.39		

Depth to Water after sample collection: (G) 5.78 Total Gallons Purged: 2.5

Date/Time Sample Collection 1/13/15 / 1715

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: _____ Well ID: MW-6 Page: _____

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 6.02 Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH 5.82	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
~~0850~~			~~5.89~~	~~9.99~~	0.00	0.04	18.4		
0850	6.02		5.85	17.08	0.231	3.25	10.3		
0855	6.06		5.85	16.86	0.233	3.03	7.32		
0900	6.06		5.86	17.13	0.236	2.52	6.33		
0905	6.06		5.85	17.04	0.236	2.35	5.45		
0910	6.07		5.84	17.05	0.235	2.20	3.95		
0915	6.08		5.84	17.16	0.235	2.26	3.53		
0920	6.08		5.84	17.21	0.235	2.25	3.31		

Depth to Water after sample collection: _____ Total Gallons Purged: 1.5

Date/Time Sample Collection 1/14/15 /0920

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: _____ Well ID: MW-7 Page: _____

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.74 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
955	5.78	1.0	4.67	18.31	0.065	6.47	1.14		
1000	5.78	1.5	4.66	18.45	0.065	6.63	0.61		
1005	5.78	2.0	4.63	18.55	0.065	6.36	0.70		
1010	5.78	2.5	4.62	18.58	0.065	6.61	0.47		

Depth to Water after sample collection: 5.78 Total Gallons Purged: _____

Date/Time Sample Collection 1/14/15 1015

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/15 Well ID: MW-8D Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 5.93 Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
11.15	14.43	2.5	6.46	20.9	0.091	6.18	3.40		
1120	15.28	3.6	6.47	19.95	0.091	5.19	7.27		
1125	15.86	3.7	6.46	19.84	0.091	5.66	4.91		
1130		2.8	6.46	19.70	0.091	5.64	4.00		

Depth to Water after sample collection: _____ Total Gallons Purged: _____

Date/Time Sample Collection 1/13/15 1135

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/2015 Well ID: MW-8R Page: 1 of 3

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings

Well Depth: ~~10.24~~ Screened Interval: _____ Water Level: 10.24 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1100	10.34	12	4.62	15.84	0.231	3.50	30.4		
1105	10.34	.25	4.78	15.69	0.288	3.24	28.8		
1110	10.27	.10	4.96	15.54	0.232	3.47	28.1		
1115	10.28	.05	5.09	15.57	0.237	3.46	28.1		
1120	10.34	.05	5.18	15.86	0.241	3.47	27.7		
1125	10.31	.05	5.25	15.83	0.246	3.48	27.3		
1130	10.34	.05	5.33	15.84	0.252	3.48	26.8		
1135	10.34	.05	5.37	15.69	0.255	3.38	25.8		
1140	10.34	.05	5.41	15.41	0.256	3.36	25.9		

Depth to Water after sample collection: 10.34 Total Gallons Purged: 15 + 15 = 30 gals

Date/Time Sample Collection N/A Stop taking Readings Due to Turbidity

Parameter Standards:

pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.

Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals

water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/14/15 Well ID: MW-8R Page: 2 of 3

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: ~~10.31~~ Screened Interval: _____ Water Level: 10.31 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1100			5.51	14.72	0.246	3.24	28.7		
1105			5.53	13.58	0.239	3.28	27.3		
1115			5.71	15.02	0.248	3.42	26.4		
1120			5.72	16.20	0.253	3.33	26.0		
1125			5.72	16.57	0.253	3.30	25.8		
1130			5.74	16.67	0.253	3.38	24.6		
1135			5.78	16.69	0.254	3.42	24.2		
1140			5.84	16.86	0.255	3.44	24.2		
1145			5.86	16.86	0.258	3.64	24.2		
1150			5.98	17.09	0.262	3.66	24.2		
1155			5.90	17.03	0.262	3.72	24.3		
1200			6.00	17.05	0.264	3.72	24.5		
1205			5.96	17.02	0.264	3.74	24.5		
1210			5.97	17.03	0.265	3.73	24.6		
1215			6.00	17.11	0.266	3.96	24.6		
1220			6.01	16.96	0.268	3.86	25.3		
1225			6.02	16.98	0.269	3.92	25.3		
1230			5.99	16.98	0.269	3.92			

Depth to Water after sample collection: _____ Total Gallons Purged: 5 + 4 = 9

Date/Time Sample Collection N/A

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/14/15 Well ID: MW-8R Page: 3 of 3

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings

Well Depth: ~~10.31~~ Screened Interval: Water Level: 10.31 Depth to Pump Intake:

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1235			5.98	17.02	0.271	3.89	25.5		
1240			6.02	17.01	0.271	3.89	25.5		
1245			6.02	17.02	0.272	3.89	25.5		
1250			6.00	17.11	0.274	3.90	25.7		
1255			6.01	17.03	0.275	3.92	25.9		
1300			6.01	17.05	0.276	3.92	25.8		
1305			6.02	17.04	0.277	3.93	25.7		
1310			6.02	17.17	0.278	3.92	26.1		

Depth to Water after sample collection: Total Gallons Purged: ~~3~~ 2

Date/Time Sample Collection 1/14/15 /1310

30 + 9 - 2 = 41 gallons

Parameter Standards:

pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.

Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals

water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/13/15 Well ID: MW-22 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 5.50 Screened Interval: _____ Water Level: ~~5.50~~ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1210	5.56	0.1	4.96	16.73	0.075	5.68	2.64		
1215	5.50	0.25	4.80	17.17	0.026	5.34	2.45		
1220	5.50	0.5	4.74	17.14	0.075	5.20	2.49		
1225	5.50	0.75	4.21	17.23	0.026	5.12	2.03		

Depth to Water after sample collection: 5.50 Total Gallons Purged: _____

Date/Time Sample Collection 1230

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 1/14/15 Well ID: POD-1 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.55 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
840	5.55	0.25	5.10	16.91	0.163	7.76	1.00		
845	5.55	0.75	4.87	17.22	0.149	7.87	0.57		
850	5.55	1.25	4.77	17.57	0.133	7.46	0.50		
855	5.55	1.75	4.72	17.77	0.131	7.19	0.36		
900	5.55	2.25	4.69	17.83	0.125	7.68	0.21		
905	5.55	2.75	4.67	17.77	0.121	7.47	0.21		

Depth to Water after sample collection: 5.55 Total Gallons Purged: _____

Date/Time Sample Collection 1/14/15 910

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Table 1.
Summary of Groundwater Elevations
Vogue Cleaners
Martinez, Georgia

Sample ID	Sample Date	Top of Casing Elevation	Depth to Water (feet bls)	Corrected Groundwater Elevation
MW-1	08/15/12	363.61	5.53	358.08
	02/26/13		5.49	358.12
	08/07/13	356.91	5.21	351.70
	08/28/14		5.36	351.55
MW-2R	02/26/12	363.50	5.67	357.83
	08/08/13	356.39	5.63	350.76
	08/28/14		5.63	350.76
MW-4	08/15/12	362.89	5.04	357.85
	02/26/13		5.00	357.89
	08/07/13	355.74	4.90	350.84
	08/28/14		4.95	350.79
MW-5	08/15/12	362.89	5.82	357.55
	02/26/13		5.77	357.60
	08/07/13	356.26	5.71	350.55
	08/28/14		5.69	350.57
MW-6	02/22/12	363.71	6.08	357.63
	08/15/12		6.07	357.64
	02/26/13		6.00	357.71
	08/07/13	356.53	5.86	350.67
	08/28/14		6.01	350.52
MW-7	08/15/12	364.43	5.76	358.67
	02/26/13		5.72	358.71
	08/07/13	356.26	5.64	350.62
	08/28/14		5.73	350.53
MW-8R	02/26/13	363.1	6.52	356.58
	08/08/13	360.93	5.87	355.06
	08/28/14		10.22	350.71
MW-8D	08/15/12	363.9	6.23	357.67
	02/26/13		6.52	357.38
	08/08/13	356.75	5.87	350.88
	08/28/14		6.01	350.74
MW-12D	08/15/12	363.58	10.18	353.40
	02/26/13		0.15	363.43
	08/07/13	356.45	14.50	341.95
	08/28/14		NA	NA
MW-13	08/15/12	363.99	6.16	357.83
	02/26/13		5.91	358.08
	08/08/13	356.99	5.97	351.02
	08/28/14		6.61	350.38
MW-22	08/15/12	363.1	5.55	357.55
	02/26/13		5.50	357.60
	08/07/13	356.05	5.41	350.64
	08/28/14		5.41	350.64
POD-1	08/15/12	362.86	5.59	357.27
	02/26/13		5.60	357.26
	08/07/14	356.06	5.45	350.61
	08/28/14		5.54	350.52

1/13
5.59

1/13
10.24

1/14/15
6.05

Notes:
NA Not Accessible
ft bls: Feet Below Land Surface

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: MW-1 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.36 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
18:00	5.43	.5	5.81	30.89	0.223	2.63	46		CLEAR
18:05	5.43	.55	5.63	30.39	0.225	0.56	30		" "
18:10	5.43	.60	5.51	30.28	0.224	0.47	17.2		" "
18:15	5.43	.65	5.42	30.18	0.227	0.37	11.3		
18:20	5.43	.70	5.39	30.14	0.221	0.33	11		
18:25	5.43	.75	5.38	30.11	0.218	0.28	8.63		
18:30	5.43	.80	5.37	30.13	0.217	0.27	6.22		

Depth to Water after sample collection: 18.35 Total Gallons Purged: _____

Date/Time Sample Collection 18:30

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: MW-2R Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.71 Depth to Pump Intake: 7.51

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1530	5.71	0.1	6.18	31.18	0.202	1.31	284		
1535	5.71	0.2	6.07	30.98	0.199	1.10	173		
1540	5.71	0.4	5.96	30.67	0.195	0.89	137		
1545	5.71	0.6	5.90	30.58	0.192	0.70	104		
1550	5.71	0.8	5.86	30.40	0.190	0.60	100.7		
1555	5.71	1.0	5.83	30.34	0.186	0.49	78.4		
1600	5.71	1.2	5.80	30.21	0.186	0.42	60.3		
1605	5.71	1.4	5.79	30.24	0.184	0.37	59.0		
1610	5.71	1.6	5.78	30.13	0.184	0.32	41.8		
1615	5.71	1.8	5.78	30.02	0.184	0.27	28.2		
1620	5.71	2.0	5.76	29.85	0.182	0.24	24.9		
1625	5.71	2.2	5.75	29.67	0.182	0.24	8.7		

Depth to Water after sample collection: _____ Total Gallons Purged: 2.2

Date/Time Sample Collection 1625

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: MW-4 Page: 1 of 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 4.95 Depth to Pump Intake: 9.45

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
12:40	4.95	1.00	6.60	30.96	0.183	4.67	279		M/CLOUDY
12:45	4.95	1.05	6.23	30.59	0.139	3.96	214		" "
12:50	4.95	1.15	6.21	31.29	0.128	3.64	173		P/CLOUDY
12:55	4.95	1.20	6.23	30.61	0.124	3.62	131		P/CLOUDY
13:00	4.95	1.25	6.22	30.61	0.123	3.37	89.9		CLEAR
13:05	4.95	1.30	6.28	29.99	0.122	3.29	52.1		CLEAR
13:10	4.95	1.35	6.24	29.96	0.121	3.30	40.6		CLEAR
13:15	4.95	1.40	6.22	29.97	0.120	3.26	33.1		CLEAR
13:20	4.95	1.45	6.23	29.96	0.119	3.23	26.1		CLEAR
13:25	4.95	1.50	6.22	29.98	0.119	3.24	11.6		" "
13:30	4.95	1.53	6.22	29.97	0.119	3.25	10.0		" "

Depth to Water after sample collection: 4.96 Total Gallons Purged: 3.0

Date/Time Sample Collection 13:35 8/28/14

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: MW-5 Page: 1 OF 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: 13.20 Screened Interval: _____ Water Level: 5.76 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
16:15	5.75	.5	5.81	35.00	0.089	11.16	244		PCLOUDY
16:20	5.75	.75	6.47	34.00	0.154	5.42	96.6		PCLOUDY
16:25	5.75	.80	6.14	33.56	0.149	4.17	86.2		" "
16:30	5.75	.85	5.95	33.24	0.147	3.76	79		" "
16:35	5.75	.90	5.83	32.95	0.145	3.75	58.2		CLEAR
16:40	5.75	.95	5.73	32.63	0.143	3.52	49.3		" "
16:45	5.75	1.00	5.68	32.49	0.143	3.46	32.6		" "
17:00	5.75	1.05	5.60	32.29	0.140	3.37	26		" "
17:05	5.75	1.15	5.58	32.24	0.139	3.43	16		" "
17:10	5.75	1.20	5.54	32.22	0.136	3.37	11.8		
17:15	5.75	1.25	5.55	32.27	0.137	3.38	8.8		

Depth to Water after sample collection: 5.75 Total Gallons Purged: 1.5

Date/Time Sample Collection 8/28/14 17:20

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/29/14 Well ID: MW-6 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: _____ Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
10:10	6.04	1.00	5.22	29.15	0.269	0.42	812		Muddy
10:15	6.04	1.05	5.03	28.94	0.259	0.24	490		" "
10:20	6.04	1.10	4.96	28.89	0.260	0.23	442		" "
10:25	6.04	1.15	4.97	28.88	0.259	0.18	324		
10:30	6.04	1.20	5.01	28.83	0.248	0.14	148		
10:35	6.04	1.25	5.00	29.00	0.247	0.13	88		
10:40	6.04	1.25	4.98	29.01	0.250	0.11	54		
10:45	6.04	1.30	5.00	29.02	0.251	0.11	12		
10:50	6.04	1.35	5.00	29.01	0.251	0.11	8		

Depth to Water after sample collection: _____ Total Gallons Purged: _____

Date/Time Sample Collection 11:00

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 9/29/14 Well ID: MW-7 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 6.01 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
9:45	5.75	.50	3.93	28.28	0.051	7.30	>1000		M/cloudy
9:50	5.75	.25	4.30	28.31	0.094	3.79	386		" "
9:55	5.75	.30	4.16	28.60	0.095	3.65	314		" "
9:00	5.75	.35	4.16	28.67	0.095	3.70	269		
9:05	5.75	.30	4.07	28.75	0.095	3.47	237		M/cloudy
9:10	5.75	.45	4.03	28.75	0.096	3.44	178		" "
9:15	5.75	.55	4.01	28.76	0.096	3.38	154		" "
9:20	5.75	.60	4.01	28.77	0.096	3.35	128		P/cloudy
9:25	5.75	.65	4.00	28.77	0.096	3.35	75		
9:30	5.75	.70	4.00	28.76	0.097	3.33	22		
9:35	5.75	.75	3.99	28.76	0.096	3.33	8		

Depth to Water after sample collection: 9:40 5.75 Total Gallons Purged: 1.5

Date/Time Sample Collection 9.40

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/29/14 Well ID: MW-8R Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 10.31 Depth to Pump Intake: 11.64

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1100	10.31	0.1	5.63	29.35	0.180	3.0	298		
1105	10.31	0.2	5.66	30.20	0.176	1.37	232		
1110	10.31	0.3	5.62	32.08	0.178	1.10	227		
1115	10.31	0.4	5.62	33.06	0.181	1.11	214		
1120	10.31	0.5	5.58	33.54	0.185	1.11	208		
1125	10.31	0.6	5.55	33.72	0.182	1.09	172		
1130	10.31	0.7	5.53	33.75	0.182	1.10	199		
1135	10.31	0.8	5.40	33.93	0.180	1.05	167.4		
1140	10.31	0.9	5.38	34.25	0.182	1.02	104.2		
1145	10.31	1.0	5.39	34.58	0.183	1.01	86.1		
1150	10.31	1.1	5.43	35.06	0.185	0.98	76.3		
1155	10.31	1.2	5.39	34.73	0.182	1.00	103.6		
1200	10.31	1.3	5.25	31.67	0.173	1.23	102.1		
1205	10.31	1.4	5.13	31.05	0.168	1.02	147		
1210	10.31	1.5	5.03	30.96	0.167	0.93	155		
1215	10.31	1.6	5.04	31.00	0.167	0.87	149		
1220	10.31	1.7	5.08	31.04	0.168	0.85	143		
1225	10.31	1.8	5.11	31.25	0.168	0.83	114		

Depth to Water after sample collection: _____ Total Gallons Purged: _____

Date/Time Sample Collection _____

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/29/14 Well ID: MW-8R Page: 2

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 10.31 Depth to Pump Intake: 11.64

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1230	10.31	1.9	5.12	31.56	0.169	0.82	156		

Depth to Water after sample collection: 10.31 Total Gallons Purged: _____

Date/Time Sample Collection 8/29/14 1235

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/29/14 Well ID: MW-8D Page: 1 of 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: [illegible] Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
11:15	5.73	0.25	5.91	28.03	0.108	5.00	13.8		
11:20	5.73	0.30	5.66	28.48	0.108	4.32	4.63		
11:25	8.49	0.55	5.52	28.28	0.109	4.24	3.05		
11:30	8.49	0.60	5.56	27.90	0.108	4.23	2.47		
11:35	8.49	0.65	5.55	27.9	0.107	4.14	2.07		
11:40	9:30	0.70	5.56	27.91	0.107	4.14	1.99		
11:45	9:30	0.75	5.57	27.93	0.107	4.13	1.02		
11:50	9:30	0.80	5.57	27.92	0.107	4.13	1.00		

Depth to Water after sample collection: 10:30 Total Gallons Purged: 1.0

Date/Time Sample Collection 12:00

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: MW-22 Page: 1 of 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.41 Depth to Pump Intake: _____

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
13:15	5.50	1.5	3.50	29.95	0.155	0.37	1000		MUDDY
13:20	5.50	1.55	3.53	29.97	0.157	0.34	998		" "
13:25	5.50	1.58	3.52	29.99	0.158	0.33	997		" "
13:30	5.50	1.62	3.56	29.98	0.158	0.37	798		PICKING UP
13:35	5.50	1.75	3.54	29.94	0.158	0.37	508		" "
13:40	5.50	1.80	3.54	29.91	0.157	0.37	416		" "
13:45	5.50	1.82	3.56	29.87	0.157	0.38	290		" "
13:50	5.50	1.96	3.54	29.96	0.156	0.37	147		" "
13:55	5.50	1.89	3.56	29.92	0.154	0.38	75		CLEAR
14:00	5.50	1.95	3.58	29.89	0.152	0.38	14		CLEAR
14:05	5.50	2.00	3.59	29.91	0.153	0.38	9.7		"

Depth to Water after sample collection: ~~5.50~~ 5.51 Total Gallons Purged: 5.00

Date/Time Sample Collection 8/28/14 14:15

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/28/14 Well ID: POD-1 Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 5.52 Depth to Pump Intake: 6.50

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1750	5.52	0.2	4.36	30.08	0.180	71.6	13.7		
1755	5.52	0.4	4.24	29.24	0.184	70	9.92		
1800	5.52	0.6	4.12	29.01	0.181	65.5	9.38		
1805	5.52	0.9	4.04	28.70	0.179	59.5	8.49		
1810	5.52	1.2	3.97	28.56	0.176	60.1	7.94		
1815	5.52	1.5	3.941	28.42	0.174	56.8	8.07		

Depth to Water after sample collection: 5:53 Total Gallons Purged: 1.5

Date/Time Sample Collection 1820

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Cleaners Date: 8/29/14 Well ID: MW-12D Page: 1

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: _____ Screened Interval: _____ Water Level: 0.25 ft Depth to Pump Intake: 12.0 ft

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
		DNS							

Depth to Water after sample collection: _____ Total Gallons Purged: _____

Date/Time Sample Collection _____

Water level nearly at top of casing despite tight seal from cap. Security features in place on arrival. Rainwater must be entering well, and screen plugged to prevent it from entering water table. Well should be abandoned.

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

Low-Flow Purging and Sampling Log

Project: Vogue Date: 9/29/14 Well ID: 8R Page: _____

Sampling Instrument: QED Pump Rate: 100/2 (mL/min)

Intial Readings
Well Depth: ~~10.30~~ Screened Interval: _____ Water Level: 10.30 Depth to Pump Intake: 12.0

Time (24hr)	Water Level (ft) (TOC)	Purge Volume (gal)	pH	Temp ©	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox (Eh)	Comments
1450	10.30	0.1	5.06	24.15	0.116	5.82	14.6		
1455	10.30	0.2	5.01	24.24	0.109	5.69	16.0		
1500	10.30	0.3	4.91	24.38	0.107	5.58	13.34		
1505	10.30	0.4	4.86	24.44	0.106	5.50	13.83		
1510	10.30	0.5	4.89	24.48	0.104	5.34	14.7		
1515	10.30	0.6	4.85	24.46	0.104	5.44	14.2		
1520	10.30	0.7	4.82	24.43	0.104	5.13	13.9		
1525	10.30	0.8	4.78	24.41	0.103	5.11	13.6		
1530	10.30	0.9	4.74	24.39	0.103	4.99	12.2		
1535	1030	1.0	4.72	24.37	0.103	4.86	11.8		
1540	10.30	1.1	4.71	24.34	0.103	4.80	12.0		
1545	10.30	1.2	4.69	24.39	0.103	4.78	11.2		
1550	10.30	1.3	4.67	24.43	0.104	4.74	11.4		
1555	10.30	1.4	4.66	24.46	0.104	4.74	8.6		

Depth to Water after sample collection: 10.30 Total Gallons Purged: _____

Date/Time Sample Collection 9/29/14 1600

Parameter Standards:
pH +/- 0.1, +/-3% conductivity, +/-10mv for Redox potential, and +/-%10 for turbidity or DO.
Turbidity range (<5/=) NTU, if turbidity exceeds 5 NTUs: sample must be filtered for metals
water level drawdown in the well not to exceed 0.2 ft.

APPENDIX E
SOIL BORING LOGS
MONITOR WELL CONSTRUCTION LOGS

WILLIAMS ENGINEERING, INC
A Williams Group International Company

BORING LOG

BORING NUMBER	MW-21 PAGE 1 OF 1	PROJECT NUMBER	1525-0100
PROJECT	VOGUE CLEANERS	DRILLING CONTRACTOR	A-E Drilling
BORING LOCATION	south of MW-1	GROUND ELEVATION	N/A
DRILLING METHOD AND EQUIPMENT	hollow stem auger/split spoon	TOP OF CASING ELEVATION	N/A
DATE	6/2/99 START 1445 FINISH 1730	LOGGER	Art Busby

DEPTH BELOW GROUND SURFACE (feet)	SAMPLE INTERVAL	TYPE AND NUMBER	TIME	REC.	OVM PEAK/ AVG. (ppm)	REMARKS	SYMBOLIC LOG	SOIL DESCRIPTION/COMMENTS: NAME, GRADATION OR PLASTICITY, PARTICLE SIZE, DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL
	0-1'				na			0-1': asphalt and gravel base
	1'-3'			100%	na	3,6,4,5		1'-2': black, silty sand and pieces of wood 2'-3': light gray and tan clayey sand; moist
	3'-5'			100%	na	7,8,8,8		3'-5': same as 2'-3' with some med. To coarse-grained sand
5								
	5'-7'			75%	na	7,9,10,11		5'-6.5': white & light yellow clayey, coarse-grained sand; moist
	7'-9'			100%	na	9,11,15,16		7'-9': same as 5'-6.5'; wet
10	9-11'			100%	na	10,12,15,15		9'-11': same as 5'-6.5'
	11'-13'			100%	na	12,12,14,15		11'-13': same as 5'-6.5'
	13'-15'			100%	na	12,13,15,16		13'-15': same as 5'-6.5'
15								
	15'-17'			100%	na	16,18,20,21		15'-17': clayey sand with gravel (16.5'-17')
	17'-19'			100%	na	not recorded		17'-18.5': white & tan fine-grained clayey sand; dry
20	19'-21'			75%	na	not recorded		19'-20.5': dry, white & gray silty sand w/med.-coarse grained sand Split spoon refusal @ 20.5' bgs Continued augering to refusal @ 35.5' bgs
25								

(Continued on next page if over 25 feet deep)

FACILITY NAME: Vogue Cleaners | GA FAC. ID#: | PROJECT #: | BORING / WELL: RW-1 | DRAWN BY: JAT | pg 1 of 1

LOCATION MAP:

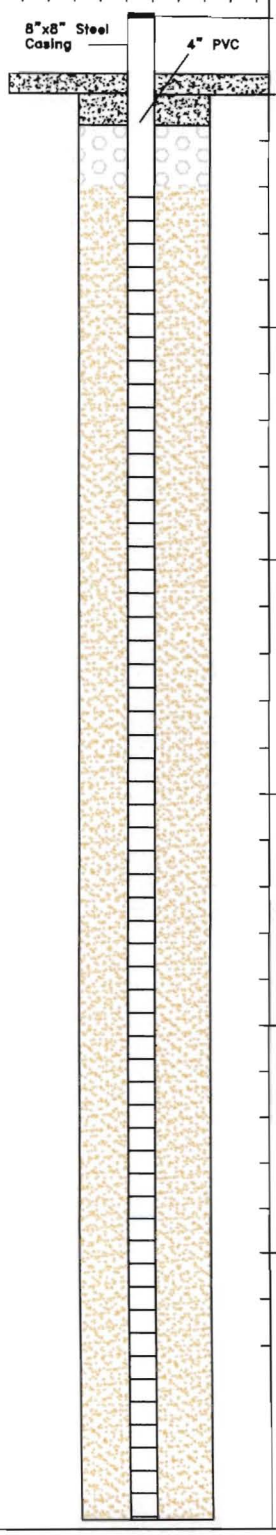
START DATE & TIME: 9/21/06
COMP. DATE & TIME: 9/21/06
LOGGED BY: TJM GA. LIC#:
DRILLER: GeoLab
DRILLING METHOD: HSA
ELEV (MSL): T.D. (MSL):
WATER ENCOUNTERED (BGS):
WATER LEVEL (BGS):

Genesis Project, Inc. Environmental Services

STANDARD FIELD NOTE FORM

Comments: Grain size and relative percentages approximate. No unusual odors detected unless noted. Soil type classified with United Soil Classification System. Munsell color descriptions give in order of predominance.

6" Recovery Well / 4' of Steel Casing



MSL	COMPLETION DIAGRAM	WATER LEVEL	WELL DESCRIPTION	DEPTH	GRAPHIC LITHOLOGY	PENETRATION RATE	OVD (PPM)	SAMPLES & CORES TYPE	RECOV	ANAL	DESCRIPTION (Color, Texture, Structure, etc...)
	BOREHOLE DIAMETER: 10– Inches			0							Asphalt
											0–2', Yellowish orange couarse sand, silt, clay
											4–6', Light brown clay, medium stiffness.
				5							
											7–9', SAA
				10							10–12', Gray white coarse sand, silty clay, saturated
											12–14', SAA
				15							14–16', PWR granite, gray tan
											17–19', Medium grained sand, hard clay, brownish white
											19–21', White gray clay sand, silt, medium grained to fine coarse sand.
				20							17–19', Medium grained sand, hard clay, brownish white
											22–24', SAA
											24–24', Coarse sand, gray
				25							27–29', Tan clay, fine grained.
											29–31', Hard clay, dry.
											32–34', Very hard clay
				30							TD = 34.50' bls

FACILITY NAME: Vogue Cleaners	GA FAC. ID#:	PROJECT #	BORING / WELL: RW-2	DRAWN BY: JAT	pg 1 of 1

LOCATION MAP:

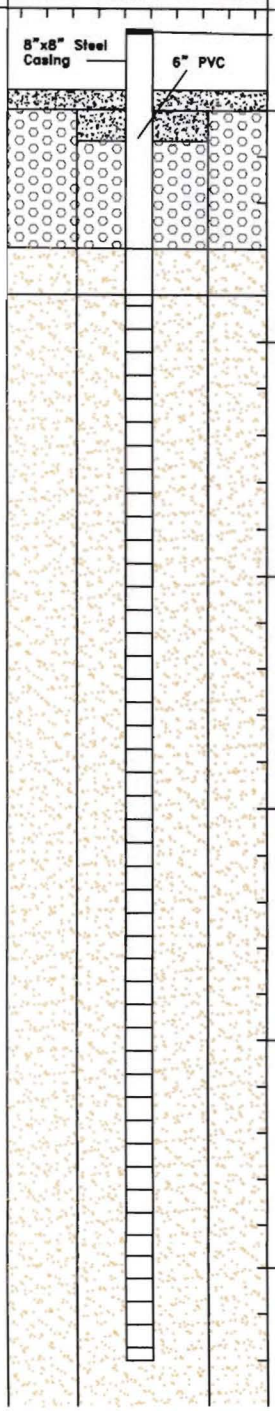
START DATE & TIME: 6/19/07
COMP. DATE & TIME: 6/19/07
LOGGED BY: TJM GA. LIC#:
DRILLER: GeoLab
DRILLING METHOD: HSA
ELEV (MSL): T.D. (MSL):
WATER ENCOUNTERED (BGS):
WATER LEVEL (BGS):

Genesis Project, Inc. Environmental Services

STANDARD FIELD NOTE FORM

Comments: Grain size and relative percentages approximate. No unusual odors detected unless noted. Soil type classified with United Soil Classification System. Munsell color descriptions give in order of predominance.

6" Recovery Well / 4' of Steel Casing



MSL	WATER LEVEL	WELL DESCRIPTION	DEPTH	GRAPHIC LITHOLOGY	PENETRATION RATE	OVD (PPM)	SAMPLES & CORES TYPE	SAMPLES & CORES RECOV	SAMPLES & CORES ANAL	DESCRIPTION (Color, Texture, Structure, etc...)
			0							Asphalt
										Orange, soft fine to medium grained sandy clay, moist. (cl)
			5							Orange, very stiff fine to medium coarse sandy clay, moist
			10							White, very dense clay, medium to coarse grained sand, wet.
			15							White tan dense medium grained sand
			20							A/A
			25							Weathered sandstone
										Molted sand, silt white clay. Auger refusal.
			30							

FACILITY NAME: Vogue Cleaners	GA FAC. ID#:	PROJECT #	BORING / WELL: RW-3	DRAWN BY: JAT	pg 1 of 1

LOCATION MAP:

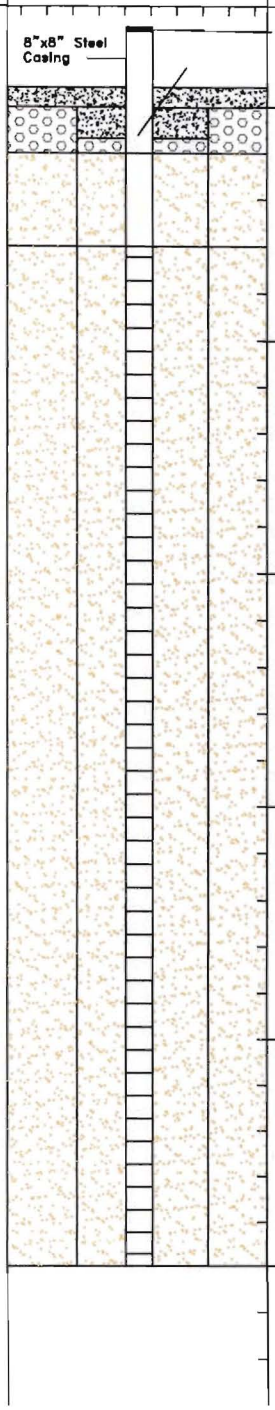
START DATE & TIME: 6/19/07
COMP. DATE & TIME: 6/19/07
LOGGED BY: TJM GA. LIC#:
DRILLER: GeoLab
DRILLING METHOD: HSA
ELEV (MSL): T.D. (MSL):
WATER ENCOUNTERED (BGS):
WATER LEVEL (BGS):

Genesis Project, Inc. Environmental Services

STANDARD FIELD NOTE FORM

Comments: Grain size and relative percentages approximate. No unusual odors detected unless noted. Soil type classified with United Soil Classification System. Munsell color descriptions give in order of predominance.

6" Recovery Well / 4' of Steel Casing



MSL	COMPLETION DIAGRAM	WATER LEVEL	WELL DESCRIPTION	DEPTH	GRAPHIC LITHOLOGY	PENETRATION RATE	OVD (PPM)	SAMPLES & CORES TYPE	SAMPLES & CORES RECOV	SAMPLES & CORES ANAL	DESCRIPTION (Color, Texture, Structure, etc...)
	BOREHOLE DIAMETER: 10– Inches			0							Asphalt
											Orange, soft fine to medium grained sandy clay, moist. (cl)
				5							Brown stiff clayey fine–medium sand
				10							A/A
				15							Weathered sandstone
											Orange clayey, sand medium –fine grained moist
				20							White clayey fine to medium grained sands wet
											weathered sandstone
				25							Auger refusal
				30							

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Genesis Project, Inc
1258 Concord Road
Smyrna, Ga 30080
Telephone: 770-319-7217
Fax: 770-3197219

WELL NUMBER MW-22

CLIENT Morgan Stanley
PROJECT NAME Former Vogue Cleaners
PROJECT NUMBER
PROJECT LOCATION Martinez, Georgia
DATE STARTED 7/14/11 **COMPLETED** 7/14/11
GROUND ELEVATION 365.7 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING ---
LOGGED BY **CHECKED BY**
AT END OF DRILLING ---
NOTES
3hrs AFTER DRILLING 5.51 ft / Elev 360.19 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0				Asphalt and Base	Bentonite Seal, PVC Riser
2.0					363.7
2.5				FILL with some stone	
4.5					361.2
5.0		CL		(CL) Brown, tan sandy silt CLAY	
7.5					Sand Filter, 0.010" Screen
9.5					356.2
10.0		SM		(SM) White SAND, coarse, wet	
12.5					
13.6					352.1

Bottom of borehole at 13.6 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/14/11 16:27 - G:\MORGAN STANLEY\VRP\FIGURES\WELL LOGS.GPJ

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Genesis Project, Inc
1258 Concord Road
Smyrna, Ga 30080
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Fax: 770-3197219

WELL NUMBER POD-1

CLIENT Morgan Stanley
PROJECT NAME Former Vogue Cleaners
PROJECT NUMBER
PROJECT LOCATION Martinez, Georgia
DATE STARTED 7/14/11 **COMPLETED** 7/14/11
GROUND ELEVATION 363.7 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING ---
LOGGED BY **CHECKED BY**
AT END OF DRILLING ---
NOTES
3hrs AFTER DRILLING 5.56 ft / Elev 358.14 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION		WELL DIAGRAM
0.0				Asphalt/Gravel		Bentonite Seal
				1.0	362.7	
				FILL, orange, soft, fine to medium sandy CLAY, moist		PVC Riser
2.5						
				4.0	359.7	
		CL		(CL) ALLUVIUM, orange, pink, very stiff, fine to coarse sandy CLAY, wet		Sand Filter
5.0				▼		
7.5						0.010" Screen
				8.5	355.2	
		SC		(SC) White, very dense, clayey, medium to coarse SAND, wet		
10.0						
12.5						
				13.1	350.6	

Bottom of borehole at 13.1 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/14/11 16:27 - G:\MORGAN STANLEY\VRP\FIGURES\WELL LOGS.GPJ

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Genesis Project, Inc
1258 Concord Road
Smyrna, Ga 30080
Telephone: 770-319-7217
Fax: 770-3197219

WELL NUMBER MW-2R

CLIENT Morgan Stanley
PROJECT NAME Former Vogue Cleaners
PROJECT NUMBER
PROJECT LOCATION Martinez, Georgia
DATE STARTED 8/29/12 **COMPLETED** 8/29/12
GROUND ELEVATION 364.01 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING 6.00 ft / Elev 358.01 ft
LOGGED BY **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0				0.4 Asphalt/Gravel 363.6	
		SC		(SC) SAND, tan, some silt, moist, low to non plastic	Grout; Bentonite Seal; PVC Riser
				4.0 360.0	
		SC		(SC) SAND, orange, some silt, moist, low to non plastic	
5				5.0 359.0	
		SC		(SC) SAND, white, some silt, trace clay, wet, low plastic ▽	Sand Filter; 0.010" Screen
10					
15					
				19.0 345.0	

Bottom of borehole at 19.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/4/13 09:56 - C:\USERS\JAT\DESKTOP\VOGUE CLEANERS\WELL LOGS.GPJ

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Genesis Project, Inc
1258 Concord Road
Smyrna, Ga 30080
Telephone: 770-319-7217
Fax: 770-3197219

WELL NUMBER MW-8R

CLIENT Morgan Stanley
PROJECT NAME Former Vogue Cleaners
PROJECT NUMBER
PROJECT LOCATION Martinez, Georgia
DATE STARTED 2/12/13 **COMPLETED** 2/12/13
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING ---
LOGGED BY **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0				0.6 Asphalt	Grout
				FILL	PVC Riser
					Bentonite
5				5.0	
		SC		(SC) SAND, medium grained, light brown, well sorted, some gravel	
10				10.0	
		SC		(SC) SAND, white, wet	Sand Filter
					0.0010" PVC Screen
15				15.0	
		SC		(SC) SAA	
20				20.0	

Bottom of borehole at 20.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/4/13 09:59 - C:\USERS\JAT\DESKTOP\VOGUE CLEANERS\WELL LOGS.GPJ

GENESIS PROJECT/VOGUE CLEANERS/GA
SUMMARY OF SOIL DATA

Sample Identification	Sample Type	Sample Depth	Soil Classification		Natural Moisture %	Atterberg Limits				Grain Size Distribution			Compaction		Unit Weight		Additional Tests Conducted (See Notes)
			USCS	USDA		L.L.	P.L.	P.I.	L.I.	% Finer No. 4 Sieve	% Finer No. 200 Sieve	% Finer .005 mm	Maximum Dry Density (lb/cuft)	Optimum Moisture %	Moisture %	Dry (lb/cuft)	
MW-2	Bag	1.0-3.0'	(SC)	Sandy Loam	14.3	-	-	-	-	99.4	24.1	15.5	-	-	-	-	-
MW-2	Bag	3.0-6.0'	(SC)	Sandy Clay Loam	14.2	-	-	-	-	99.6	27.8	24.0	-	-	-	-	-
MW-8	Bag	1.0-3.0'	(SC)	Sandy Clay	19.6	-	-	-	-	99.0	48.3	43.0	-	-	-	-	-
MW-8	Bag	3.0-6.0'	(SC)	Sandy Loam	13.6	-	-	-	-	98.5	19.9	15.5	-	-	-	-	-

ABBREVIATIONS: LIQUID LIMIT (LL)
PLASTIC LIMIT (PL)
PLASTICITY INDEX (PI)
LIQUIDITY INDEX (LI)
SPECIFIC GRAVITY (Gs)
MOISTURE (Mc)

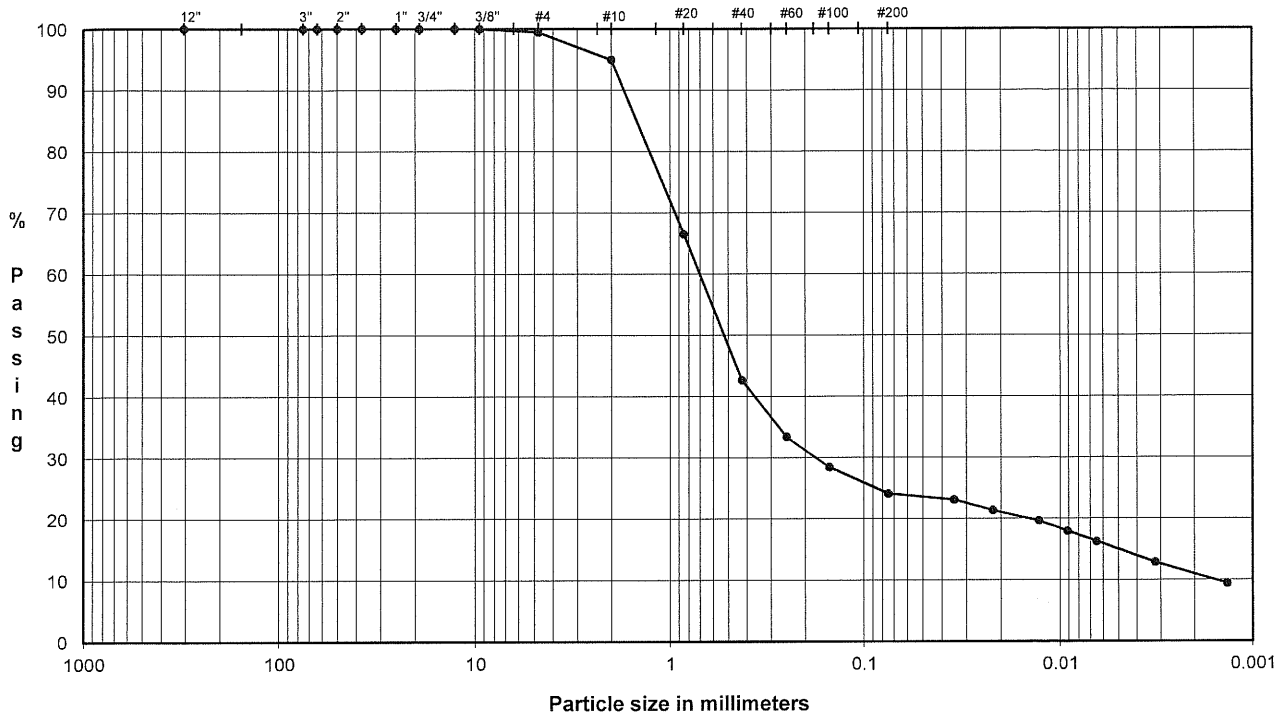
NOTES: T = TRIAXIAL TEST
U = UNCONFINED COMPRESSION TEST
C = CONSOLIDATION TEST
DS = DIRECT SHEAR TEST
O = ORGANIC CONTENT
P = pH

AUGUST 2012 123-90158

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D421, D422, D4318

PROJECT NAME: **GENESIS PROJECT/VOGUE CLEANERS/GA**
SAMPLE ID: **MW-2** - Depth: **1.0-3.0'**
TYPE: **Bag**



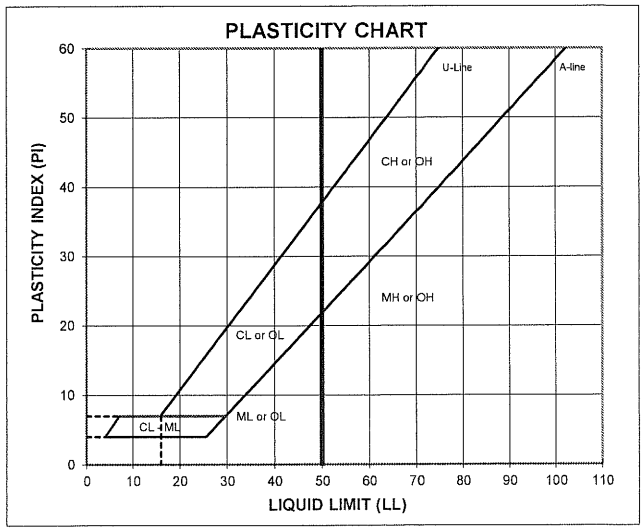
COBBLES	GRAVEL		SAND			FINES
	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.00**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**100.0**		
0.75"	19.0	**100.0**	Coarse Gravel	**0.00**
0.50"	12.7	**100.0**		
0.375"	9.5	**100.0**		
#4	4.8	**99.4**	Fine Gravel	**0.60**
#10	2.00	**95.0**	Coarse Sand	**4.45**
#20	0.85	**66.5**		
#40	0.43	**42.7**	Medium Sand	**52.28**
#60	0.25	**33.4**		
#100	0.15	**28.4**		
#200	0.075	**24.1**	Fine Sand	**18.56**

Hydrometer Analysis

(mm)	%Finer		
0.035	**23.1**		
0.022	**21.4**		
0.013	**19.7**	Fines	
0.0091	**18.0**	Silt or Clay	**24.11**
0.0065	**16.3**		
0.0032	**12.8**		
0.0014	**9.4**		



ATTERBERG LIMITS

Method -B (Dry preparation)

M_c	LL	PL	PI	LI
14.3				

LL (oven-dried) / < 0.75 = ORGANIC (OL/OH)

DESCRIPTION: Light Gray, MEDIUM TO FINE SAND, some silty clay, trace fine gravel.

USCS: (SC)

USDA: Sandy Loam

TECH	TW/TJ
DATE	8/31/12
CHECK	aem
REVIEW	TWM
APPROVE	

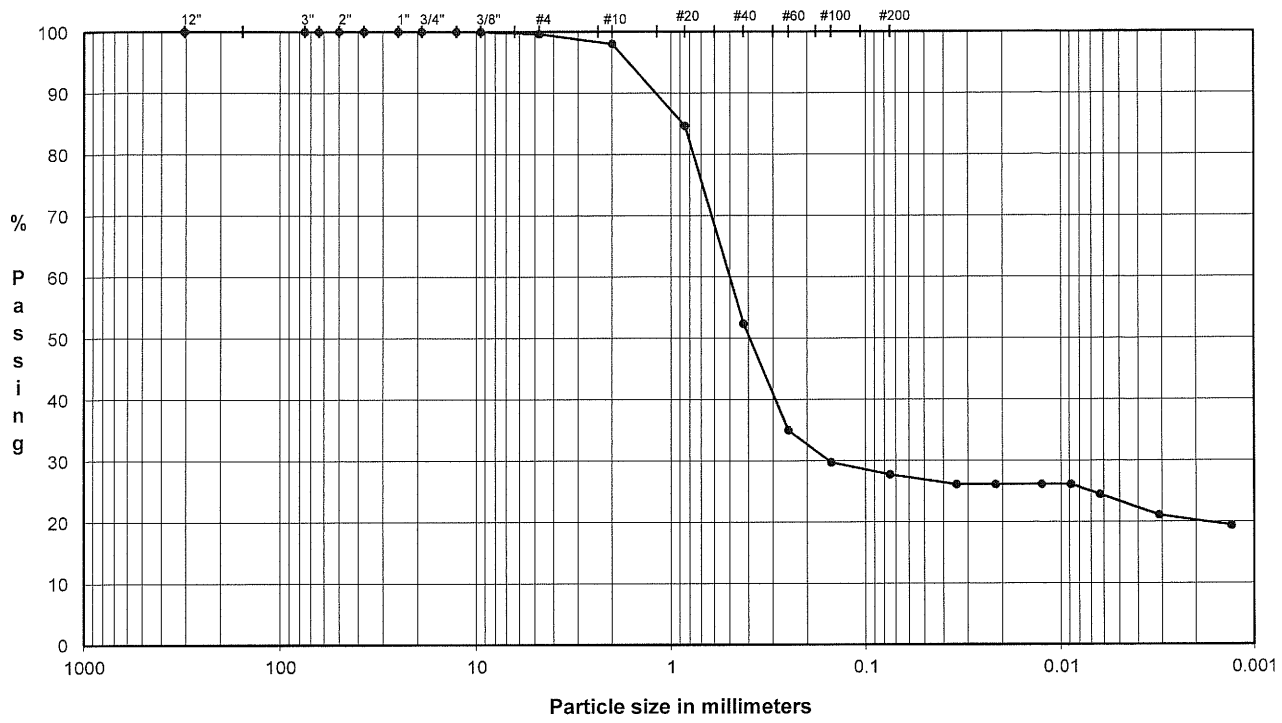
Golder Associates Inc.

AUGUST 2012 123-90158

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D421, D422, D4318

PROJECT NAME: **GENESIS PROJECT/VOGUE CLEANERS/GA**
SAMPLE ID: **MW-2** - Depth: **3.0-6.0'**
TYPE: **Bag**



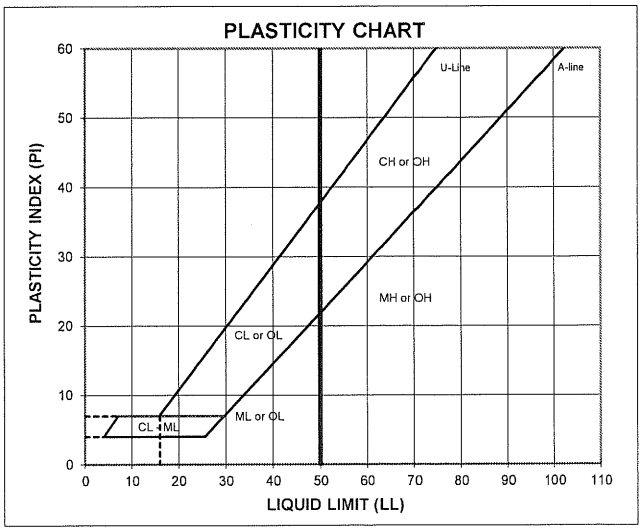
	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay
COBBLES	GRAVEL		SAND			FINES

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.00**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**100.0**		
0.75"	19.0	**100.0**	Coarse Gravel	**0.00**
0.50"	12.7	**100.0**		
0.375"	9.5	**100.0**		
#4	4.8	**99.6**	Fine Gravel	**0.38**
#10	2.00	**98.0**	Coarse Sand	**1.62**
#20	0.85	**84.7**		
#40	0.43	**52.4**	Medium Sand	**45.60**
#60	0.25	**35.0**		
#100	0.15	**29.7**		
#200	0.075	**27.8**	Fine Sand	**24.65**

Hydrometer Analysis

(mm)	%Finer		
0.034	**26.2**		
0.022	**26.2**		
0.013	**26.2**	Fines	
0.0089	**26.2**	Silt or Clay	**27.76**
0.0063	**24.5**		
0.0031	**21.1**		
0.0013	**19.4**		



ATTERBERG LIMITS

Method -B (Dry preparation)

M_c	LL	PL	PI	LI
14.2				

LL (oven-dried) / < 0.75 = ORGANIC (OL/OH)

DESCRIPTION: Light Brown, MEDIUM TO FINE SAND, some sity clay, trace fine gravel.

USCS: (SC)

USDA: Sandy Clay Loam

TECH	TW/TJ
DATE	8/31/12
CHECK	aem
REVIEW	[illegible]
APPROVE	

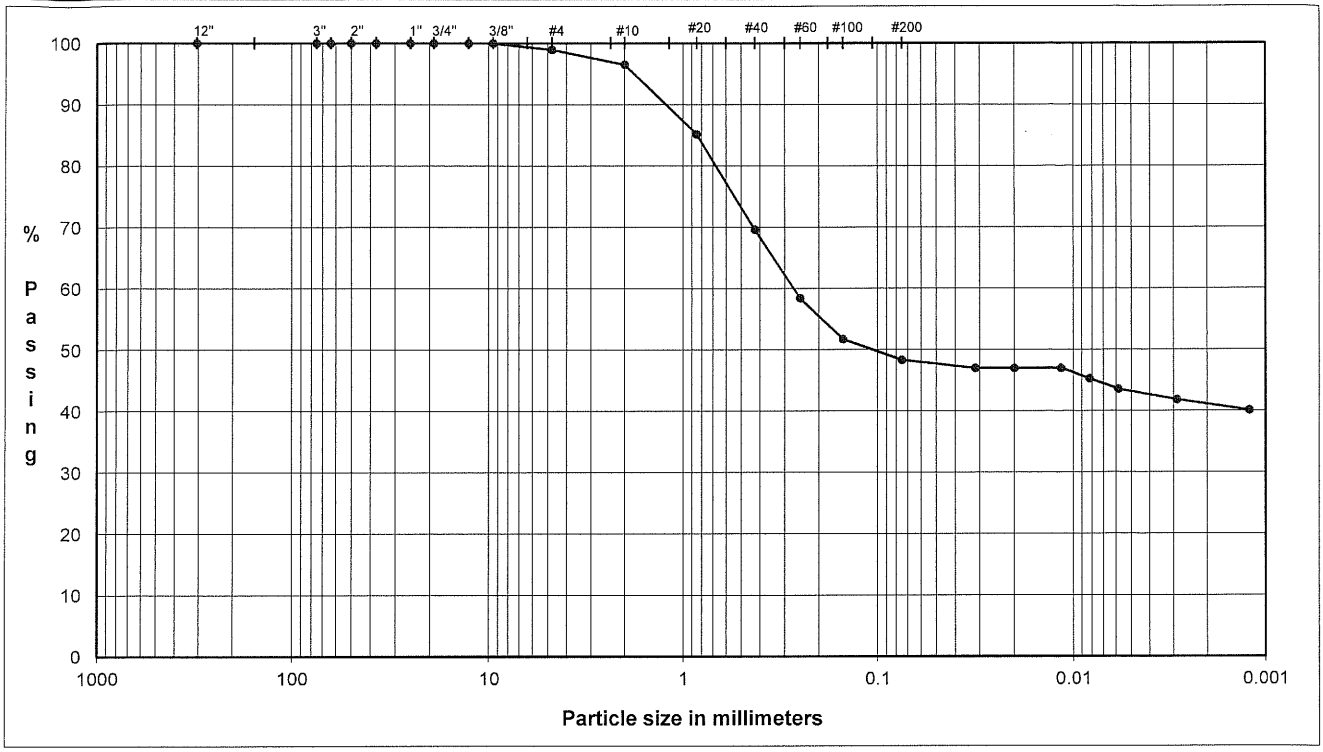
Golder Associates Inc.

AUGUST 2012 123-90158

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D421, D422, D4318

PROJECT NAME: **GENESIS PROJECT/VOGUE CLEANERS/GA**
SAMPLE ID: **MW-8** - Depth: **1.0-3.0'**
TYPE: **Bag**



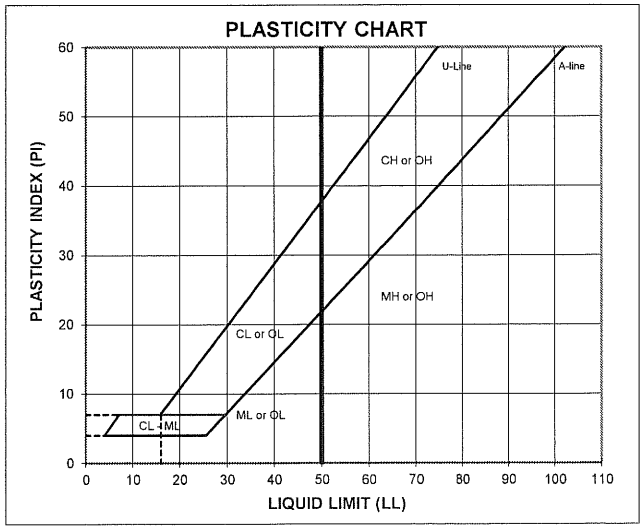
COBBLES	GRAVEL		SAND			FINES
	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.00**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**100.0**		
0.75"	19.0	**100.0**	Coarse Gravel	**0.00**
0.50"	12.7	**100.0**		
0.375"	9.5	**100.0**		
#4	4.8	**99.0**	Fine Gravel	**1.04**
#10	2.00	**96.5**	Coarse Sand	**2.46**
#20	0.85	**85.2**		
#40	0.43	**69.6**	Medium Sand	**26.90**
#60	0.25	**58.4**		
#100	0.15	**51.7**		
#200	0.075	**48.3**	Fine Sand	**21.26**

Hydrometer Analysis

(mm)	%Finer		
0.032	**47.0**		
0.020	**47.0**		
0.012	**47.0**	Fines	
0.0082	**45.3**	Silt or Clay	**48.33**
0.0058	**43.6**		
0.0029	**41.8**		
0.0012	**40.1**		



ATTERBERG LIMITS

Method -B (Dry preparation)

M_c	LL	PL	PI	LI
19.6				

LL (oven-dried) / <0.75 = ORGANIC (OL/OH)

DESCRIPTION: Brown, MEDIUM TO FINE SAND, and silty clay, trace fine gravel.

USCS: (SC)

USDA: Sandy Clay

TECH	TW/TJ
DATE	8/31/12
CHECK	[illegible]
REVIEW	[illegible]
APPROVE	

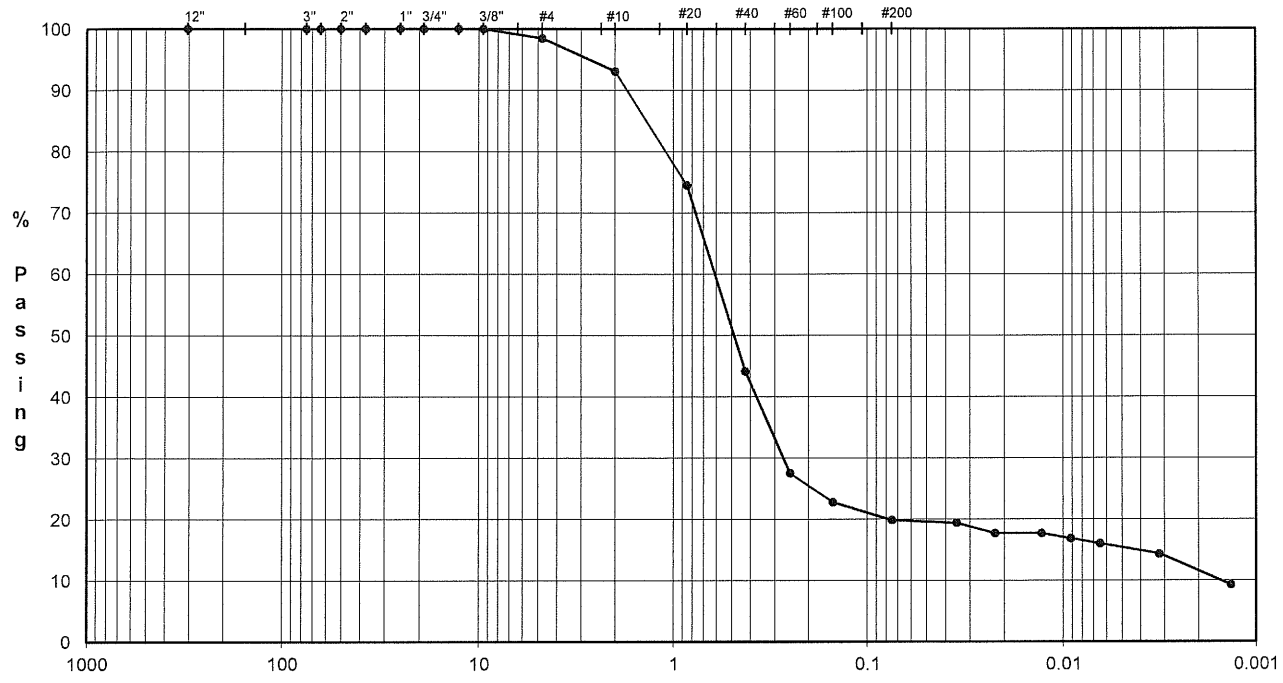
Golder Associates Inc.

AUGUST 2012 123-90158

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D421, D422, D4318

PROJECT NAME: **GENESIS PROJECT/VOGUE CLEANERS/GA**
SAMPLE ID: **MW-8** - Depth: **3.0-6.0'**
TYPE: **Bag**



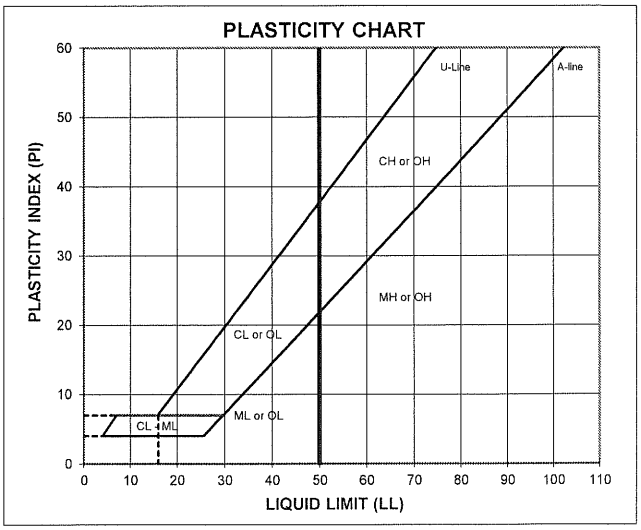
	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay
COBBLES	GRAVEL		SAND			FINES

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.00**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**100.0**		
0.75"	19.0	**100.0**	Coarse Gravel	**0.00**
0.50"	12.7	**100.0**		
0.375"	9.5	**100.0**		
#4	4.8	**98.5**	Fine Gravel	**1.54**
#10	2.00	**93.1**	Coarse Sand	**5.36**
#20	0.85	**74.5**		
#40	0.43	**44.2**	Medium Sand	**48.91**
#60	0.25	**27.6**		
#100	0.15	**22.8**		
#200	0.075	**19.9**	Fine Sand	**24.30**

Hydrometer Analysis

(mm)	%Finer		
0.035	**19.4**		
0.022	**17.7**		
0.013	**17.7**	Fines	
0.0092	**16.9**	Silt or Clay	**19.89**
0.0065	**16.0**		
0.0032	**14.3**		
0.0014	**9.3**		



ATTERBERG LIMITS

Method -B (Dry preparation)

M_c	LL	PL	PI	LI
13.6				

LL (oven-dried) / < 0.75 = ORGANIC (OL/OH)

DESCRIPTION: Reddish Yellow, MEDIUM TO FINE SAND, some silty clay, trace fine gravel.

USCS: (SC)

USDA: Sandy Loam

TECH	TW/TJ
DATE	8/31/12
CHECK	QLM
REVIEW	TWM
APPROVE	

Golder Associates Inc.

APPENDIX F
LABORATORY ANALYTICAL REPORTS

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 12, 2015

Mark D. Mitchell
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue

Dear Mark D. Mitchell: Order No: 1503431

Analytical Environmental Services, Inc. received 2 samples on 3/5/2015 3:07:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1503431

Date: 3/5/15 Page 1 of 1

COMPANY:	ADDRESS:
Genera Project	1258 Concord Rd Smyrna GA 30080
PHONE: 770-319-7217	FAX: 770-319-7219
SAMPLED BY: W. Mitchell	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total VOCs	PRESERVATION (See codes) HCl	REMARKS	No # of Containers
1	MW-2R	3/5/15	1045	X		GW	X	X		2
2	MW-8R	3/5/15	1145	X		GW	X	X		2
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	3/5/15 1507	1: Cataya Reeves	3/5/15 3:07p
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Vogue

PROJECT #:

SITE ADDRESS:

SEND REPORT TO: mmitchell@genproject.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 4

Turnaround Time Request

- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 12-Mar-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue	**Collection Date:**	3/5/2015 10:45:00 AM
Lab ID:	1503431-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
2-Butanone	BRL	50		ug/L	204274	1	03/09/2015 18:09	CH
2-Hexanone	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
Acetone	BRL	50		ug/L	204274	1	03/09/2015 18:09	CH
Benzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Bromodichloromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Bromoform	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Bromomethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Carbon disulfide	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Carbon tetrachloride	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Chlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Chloroethane	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
Chloroform	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Chloromethane	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
cis-1,2-Dichloroethene	19	5.0		ug/L	204274	1	03/09/2015 18:09	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Cyclohexane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Dibromochloromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Dichlorodifluoromethane	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
Ethylbenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Freon-113	BRL	10		ug/L	204274	1	03/09/2015 18:09	CH
Isopropylbenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
m,p-Xylene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Methyl acetate	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Methylcyclohexane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Methylene chloride	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
o-Xylene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 12-Mar-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue	**Collection Date:**	3/5/2015 10:45:00 AM
Lab ID:	1503431-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Tetrachloroethene	85	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Toluene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Trichloroethene	12	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Trichlorofluoromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:09	CH
Vinyl chloride	BRL	2.0		ug/L	204274	1	03/09/2015 18:09	CH
Surr: 4-Bromofluorobenzene	87	70.6-123		%REC	204274	1	03/09/2015 18:09	CH
Surr: Dibromofluoromethane	85.6	78.7-124		%REC	204274	1	03/09/2015 18:09	CH
Surr: Toluene-d8	84.4	81.3-120		%REC	204274	1	03/09/2015 18:09	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 12-Mar-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue	**Collection Date:**	3/5/2015 11:45:00 AM
Lab ID:	1503431-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
2-Butanone	BRL	50		ug/L	204274	1	03/09/2015 18:33	CH
2-Hexanone	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
Acetone	BRL	50		ug/L	204274	1	03/09/2015 18:33	CH
Benzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Bromodichloromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Bromoform	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Bromomethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Carbon disulfide	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Carbon tetrachloride	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Chlorobenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Chloroethane	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
Chloroform	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Chloromethane	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
cis-1,2-Dichloroethene	430	100		ug/L	204274	20	03/10/2015 20:50	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Cyclohexane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Dibromochloromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Dichlorodifluoromethane	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
Ethylbenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Freon-113	BRL	10		ug/L	204274	1	03/09/2015 18:33	CH
Isopropylbenzene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
m,p-Xylene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Methyl acetate	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Methylcyclohexane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Methylene chloride	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
o-Xylene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 12-Mar-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue	**Collection Date:**	3/5/2015 11:45:00 AM
Lab ID:	1503431-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Tetrachloroethene	8700	5000		ug/L	204274	1000	03/11/2015 18:56	CH
Toluene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
trans-1,2-Dichloroethene	31	5.0		ug/L	204274	1	03/09/2015 18:33	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Trichloroethene	1700	100		ug/L	204274	20	03/10/2015 20:50	CH
Trichlorofluoromethane	BRL	5.0		ug/L	204274	1	03/09/2015 18:33	CH
Vinyl chloride	BRL	2.0		ug/L	204274	1	03/09/2015 18:33	CH
Surr: 4-Bromofluorobenzene	93.8	70.6-123		%REC	204274	1000	03/11/2015 18:56	CH
Surr: 4-Bromofluorobenzene	95.2	70.6-123		%REC	204274	1	03/09/2015 18:33	CH
Surr: 4-Bromofluorobenzene	97	70.6-123		%REC	204274	20	03/10/2015 20:50	CH
Surr: Dibromofluoromethane	82.9	78.7-124		%REC	204274	1	03/09/2015 18:33	CH
Surr: Dibromofluoromethane	83.7	78.7-124		%REC	204274	1000	03/11/2015 18:56	CH
Surr: Dibromofluoromethane	82.1	78.7-124		%REC	204274	20	03/10/2015 20:50	CH
Surr: Toluene-d8	82.3	81.3-120		%REC	204274	1	03/09/2015 18:33	CH
Surr: Toluene-d8	89.5	81.3-120		%REC	204274	1000	03/11/2015 18:56	CH
Surr: Toluene-d8	92.6	81.3-120		%REC	204274	20	03/10/2015 20:50	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Project, Inc. Work Order Number 1503431

Checklist completed by Ivana Pacurar 3/5/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes ✓ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

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

Cooler #1 3.1°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

Client: Genesis Project, Inc.
Project Name: Vogue
Workorder: 1503431

ANALYTICAL QC SUMMARY REPORT

BatchID: 204274

Sample ID: **MB-204274** Client ID: Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101840**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue
Workorder: 1503431

ANALYTICAL QC SUMMARY REPORT

BatchID: 204274

Sample ID: **MB-204274** Client ID: Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101840**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.92	0	50.00		93.8	70.6	123				
Surr: Dibromofluoromethane	41.21	0	50.00		82.4	78.7	124				
Surr: Toluene-d8	42.10	0	50.00		84.2	81.3	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue
Workorder: 1503431

ANALYTICAL QC SUMMARY REPORT

BatchID: 204274

Sample ID: **LCS-204274** Client ID: Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101839**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	43.25	5.0	50.00		86.5	64.2	137				
Benzene	42.59	5.0	50.00		85.2	72.8	128				
Chlorobenzene	45.23	5.0	50.00		90.5	72.3	126				
Toluene	43.79	5.0	50.00		87.6	74.9	127				
Trichloroethene	43.29	5.0	50.00		86.6	70.5	134				
Surr: 4-Bromofluorobenzene	47.45	0	50.00		94.9	70.6	123				
Surr: Dibromofluoromethane	40.19	0	50.00		80.4	78.7	124				
Surr: Toluene-d8	43.51	0	50.00		87.0	81.3	120				

Sample ID: **1503389-001AMS** Client ID: Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	24620	2500	25000		98.5	60.5	156				
Benzene	23850	2500	25000	332.0	94.1	70	135				
Chlorobenzene	25170	2500	25000		101	70.5	132				
Toluene	24290	2500	25000		97.2	70.5	137				
Trichloroethene	24420	2500	25000		97.7	71.8	139				
Surr: 4-Bromofluorobenzene	22280	0	25000		89.1	70.6	123				
Surr: Dibromofluoromethane	20700	0	25000		82.8	78.7	124				
Surr: Toluene-d8	21530	0	25000		86.1	81.3	120				

Sample ID: **1503389-001AMSD** Client ID: Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101362**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	21720	2500	25000		86.9	60.5	156	24620	12.5	20	
Benzene	22620	2500	25000	332.0	89.2	70	135	23850	5.27	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue
Workorder: 1503431

ANALYTICAL QC SUMMARY REPORT

BatchID: 204274

Sample ID: **1503389-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **03/09/2015** Run No: **287305**
BatchID: **204274** Analysis Date: **03/09/2015** Seq No: **6101362**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	24260	2500	25000		97.0	70.5	132	25170	3.66	20	
Toluene	22480	2500	25000		89.9	70.5	137	24290	7.76	20	
Trichloroethene	22900	2500	25000		91.6	71.8	139	24420	6.43	20	
Surr: 4-Bromofluorobenzene	22870	0	25000		91.5	70.6	123	22280	0	0	
Surr: Dibromofluoromethane	21440	0	25000		85.8	78.7	124	20700	0	0	
Surr: Toluene-d8	21890	0	25000		87.6	81.3	120	21530	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 22, 2015

Mark D. Mitchell
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Mark D. Mitchell: Order No: 1501991

Analytical Environmental Services, Inc. received 10 samples on 1/15/2015 9:05:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1501991

Date: 1/13/15 Page 1 of 1

COMPANY: Genesis Project INC.	ADDRESS: 1258 Concord Road Smyrna, GA 30080
PHONE: 770/319-7217	FAX: 770/319-7219
SAMPLED BY: John Love/Will Mitchell	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total VOCs	REMARKS	No # of Containers
1	MW-1	1/13/15	1635	X			X		2
2	MW-2R	1/13/15	1535	X			X		2
3	MW-4	1/13/15	1440	X			X		2
4	MW-5	1/13/15	1715	X			X		2
5	MW-6	1/14/15	0920	X			X		2
6	MW-7	1/14/15	1015	X			X		2
7	MW-8D	1/13/15	1135	X			X		2
8	MW-8R	1/19/15	1310	X			X		2
9	MW-22	1/13/15	1230	X			X		2
10	POO-1	1/14/15	0910	X			X		2
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/15/2015 0905	1: Cataya Reeves	1/15/15 9:05a
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Vogue Cleaners

PROJECT #:

SITE ADDRESS: Martinez, GA

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 20

Turnaround Time Request
- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other

STATE PROGRAM (if any):

E-mail? Y / N: Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 22-Jan-15

Client: Genesis Project, Inc.
Project: Vogue Cleaners
Lab ID: 1501991

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Tetrachloroethene value for sample 1501991-002A is "E" qualified indicating an estimated value over linear calibration range.
Sample could not be diluted and reanalyzed as the second vial was used to make matrix spike and matrix spike duplicate.

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 4:35:00 PM
Lab ID:	1501991-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 15:38	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 15:38	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 15:38	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 4:35:00 PM
Lab ID:	1501991-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 15:38	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 15:38	GC
Surr: 4-Bromofluorobenzene	92.7	70.6-123		%REC	201867	1	01/19/2015 15:38	GC
Surr: Dibromofluoromethane	102	78.7-124		%REC	201867	1	01/19/2015 15:38	GC
Surr: Toluene-d8	97.7	81.3-120		%REC	201867	1	01/19/2015 15:38	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 3:35:00 PM
Lab ID:	1501991-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 21:37	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 21:37	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
cis-1,2-Dichloroethene	160	5.0		ug/L	201867	1	01/19/2015 21:37	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 21:37	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 3:35:00 PM
Lab ID:	1501991-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Tetrachloroethene	320	5.0	E	ug/L	201867	1	01/19/2015 21:37	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Trichloroethene	93	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 21:37	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 21:37	GC
Surr: 4-Bromofluorobenzene	92.9	70.6-123		%REC	201867	1	01/19/2015 21:37	GC
Surr: Dibromofluoromethane	106	78.7-124		%REC	201867	1	01/19/2015 21:37	GC
Surr: Toluene-d8	101	81.3-120		%REC	201867	1	01/19/2015 21:37	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 2:40:00 PM
Lab ID:	1501991-003	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 22:01	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 22:01	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 22:01	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 2:40:00 PM
Lab ID:	1501991-003	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:01	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 22:01	GC
Surr: 4-Bromofluorobenzene	91.4	70.6-123		%REC	201867	1	01/19/2015 22:01	GC
Surr: Dibromofluoromethane	104	78.7-124		%REC	201867	1	01/19/2015 22:01	GC
Surr: Toluene-d8	98.8	81.3-120		%REC	201867	1	01/19/2015 22:01	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 5:15:00 PM
Lab ID:	1501991-004	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 22:25	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 22:25	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 22:25	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 5:15:00 PM
Lab ID:	1501991-004	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Tetrachloroethene	96	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:25	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 22:25	GC
Surr: 4-Bromofluorobenzene	90.8	70.6-123		%REC	201867	1	01/19/2015 22:25	GC
Surr: Dibromofluoromethane	106	78.7-124		%REC	201867	1	01/19/2015 22:25	GC
Surr: Toluene-d8	91.1	81.3-120		%REC	201867	1	01/19/2015 22:25	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 9:20:00 AM
Lab ID:	1501991-005	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 23:40	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 23:40	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 23:40	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 9:20:00 AM
Lab ID:	1501991-005	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:40	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 23:40	GC
Surr: 4-Bromofluorobenzene	93.1	70.6-123		%REC	201867	1	01/19/2015 23:40	GC
Surr: Dibromofluoromethane	107	78.7-124		%REC	201867	1	01/19/2015 23:40	GC
Surr: Toluene-d8	98.8	81.3-120		%REC	201867	1	01/19/2015 23:40	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 10:15:00 AM
Lab ID:	1501991-006	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 22:50	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 22:50	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 22:50	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 10:15:00 AM
Lab ID:	1501991-006	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 22:50	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 22:50	GC
Surr: 4-Bromofluorobenzene	92.9	70.6-123		%REC	201867	1	01/19/2015 22:50	GC
Surr: Dibromofluoromethane	106	78.7-124		%REC	201867	1	01/19/2015 22:50	GC
Surr: Toluene-d8	98.7	81.3-120		%REC	201867	1	01/19/2015 22:50	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 11:35:00 AM
Lab ID:	1501991-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
2-Butanone	BRL	50		ug/L	201867	1	01/20/2015 14:23	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
Acetone	BRL	50		ug/L	201867	1	01/20/2015 14:23	GC
Benzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Chloroethane	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Chloromethane	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Freon-113	BRL	10		ug/L	201867	1	01/20/2015 14:23	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 11:35:00 AM
Lab ID:	1501991-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Toluene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/20/2015 14:23	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/20/2015 14:23	GC
Surr: 4-Bromofluorobenzene	92	70.6-123		%REC	201867	1	01/20/2015 14:23	GC
Surr: Dibromofluoromethane	106	78.7-124		%REC	201867	1	01/20/2015 14:23	GC
Surr: Toluene-d8	99.7	81.3-120		%REC	201867	1	01/20/2015 14:23	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 1:10:00 PM
Lab ID:	1501991-008	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
2-Butanone	BRL	50		ug/L	201867	1	01/20/2015 00:28	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
Acetone	BRL	50		ug/L	201867	1	01/20/2015 00:28	GC
Benzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Chloroethane	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Chloromethane	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
cis-1,2-Dichloroethene	250	50		ug/L	201867	10	01/20/2015 15:12	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Freon-113	BRL	10		ug/L	201867	1	01/20/2015 00:28	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 1:10:00 PM
Lab ID:	1501991-008	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Tetrachloroethene	8800	500		ug/L	201867	100	01/20/2015 16:01	GC
Toluene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
trans-1,2-Dichloroethene	60	5.0		ug/L	201867	1	01/20/2015 00:28	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Trichloroethene	1700	50		ug/L	201867	10	01/20/2015 15:12	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:28	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/20/2015 00:28	GC
Surr: 4-Bromofluorobenzene	91.1	70.6-123		%REC	201867	10	01/20/2015 15:12	GC
Surr: 4-Bromofluorobenzene	91.5	70.6-123		%REC	201867	100	01/20/2015 16:01	GC
Surr: 4-Bromofluorobenzene	93.3	70.6-123		%REC	201867	1	01/20/2015 00:28	GC
Surr: Dibromofluoromethane	103	78.7-124		%REC	201867	1	01/20/2015 00:28	GC
Surr: Dibromofluoromethane	104	78.7-124		%REC	201867	10	01/20/2015 15:12	GC
Surr: Dibromofluoromethane	108	78.7-124		%REC	201867	100	01/20/2015 16:01	GC
Surr: Toluene-d8	97.7	81.3-120		%REC	201867	1	01/20/2015 00:28	GC
Surr: Toluene-d8	99.7	81.3-120		%REC	201867	10	01/20/2015 15:12	GC
Surr: Toluene-d8	101	81.3-120		%REC	201867	100	01/20/2015 16:01	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 12:30:00 PM
Lab ID:	1501991-009	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
2-Butanone	BRL	50		ug/L	201867	1	01/19/2015 23:15	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
Acetone	BRL	50		ug/L	201867	1	01/19/2015 23:15	GC
Benzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Chloroethane	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Chloromethane	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Freon-113	BRL	10		ug/L	201867	1	01/19/2015 23:15	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	1/13/2015 12:30:00 PM
Lab ID:	1501991-009	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Toluene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/19/2015 23:15	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/19/2015 23:15	GC
Surr: 4-Bromofluorobenzene	93.5	70.6-123		%REC	201867	1	01/19/2015 23:15	GC
Surr: Dibromofluoromethane	106	78.7-124		%REC	201867	1	01/19/2015 23:15	GC
Surr: Toluene-d8	99.4	81.3-120		%REC	201867	1	01/19/2015 23:15	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 9:10:00 AM
Lab ID:	1501991-010	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,1,2-Trichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,1-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,1-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2-Dibromoethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2-Dichloroethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,2-Dichloropropane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,3-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
1,4-Dichlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
2-Butanone	BRL	50		ug/L	201867	1	01/20/2015 00:04	GC
2-Hexanone	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
4-Methyl-2-pentanone	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
Acetone	BRL	50		ug/L	201867	1	01/20/2015 00:04	GC
Benzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Bromodichloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Bromoform	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Bromomethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Carbon disulfide	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Carbon tetrachloride	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Chlorobenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Chloroethane	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
Chloroform	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Chloromethane	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Cyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Dibromochloromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Dichlorodifluoromethane	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
Ethylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Freon-113	BRL	10		ug/L	201867	1	01/20/2015 00:04	GC
Isopropylbenzene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
m,p-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Methyl acetate	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Methyl tert-butyl ether	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Methylcyclohexane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Methylene chloride	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
o-Xylene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Jan-15

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	1/14/2015 9:10:00 AM
Lab ID:	1501991-010	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Tetrachloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Toluene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Trichloroethene	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Trichlorofluoromethane	BRL	5.0		ug/L	201867	1	01/20/2015 00:04	GC
Vinyl chloride	BRL	2.0		ug/L	201867	1	01/20/2015 00:04	GC
Surr: 4-Bromofluorobenzene	93.3	70.6-123		%REC	201867	1	01/20/2015 00:04	GC
Surr: Dibromofluoromethane	107	78.7-124		%REC	201867	1	01/20/2015 00:04	GC
Surr: Toluene-d8	98.9	81.3-120		%REC	201867	1	01/20/2015 00:04	GC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Project Work Order Number 1501991

Checklist completed by Jason B 1/15/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

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

Cooler #1 3.1° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1501991

ANALYTICAL QC SUMMARY REPORT

BatchID: 201867

Sample ID: **MB-201867**	Client ID:	Units: **ug/L**	Prep Date: **01/19/2015**	Run No: **283847**
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**	BatchID: **201867**	Analysis Date: **01/19/2015**	Seq No: **6017143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1501991

ANALYTICAL QC SUMMARY REPORT

BatchID: 201867

Sample ID: **MB-201867** Client ID: Units: **ug/L** Prep Date: **01/19/2015** Run No: **283847**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **201867** Analysis Date: **01/19/2015** Seq No: **6017143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	47.18	0	50.00		94.4	70.6	123				
Surr: Dibromofluoromethane	51.32	0	50.00		103	78.7	124				
Surr: Toluene-d8	48.33	0	50.00		96.7	81.3	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1501991

ANALYTICAL QC SUMMARY REPORT

BatchID: 201867

Sample ID: **LCS-201867** Client ID: Units: **ug/L** Prep Date: **01/19/2015** Run No: **283847**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **201867** Analysis Date: **01/19/2015** Seq No: **6017149**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.52	5.0	50.00		119	64.2	137				
Benzene	53.22	5.0	50.00		106	72.8	128				
Chlorobenzene	48.91	5.0	50.00		97.8	72.3	126				
Toluene	54.39	5.0	50.00		109	74.9	127				
Trichloroethene	56.14	5.0	50.00		112	70.5	134				
Surr: 4-Bromofluorobenzene	46.23	0	50.00		92.5	70.6	123				
Surr: Dibromofluoromethane	51.41	0	50.00		103	78.7	124				
Surr: Toluene-d8	49.40	0	50.00		98.8	81.3	120				

Sample ID: **1501991-003AMS** Client ID: **MW-4** Units: **ug/L** Prep Date: **01/19/2015** Run No: **283968**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **201867** Analysis Date: **01/20/2015** Seq No: **6020549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	73.90	5.0	50.00		148	60.5	156				
Benzene	60.16	5.0	50.00		120	70	135				
Chlorobenzene	55.10	5.0	50.00		110	70.5	132				
Toluene	61.59	5.0	50.00		123	70.5	137				
Trichloroethene	65.48	5.0	50.00		131	71.8	139				
Surr: 4-Bromofluorobenzene	45.52	0	50.00		91.0	70.6	123				
Surr: Dibromofluoromethane	52.13	0	50.00		104	78.7	124				
Surr: Toluene-d8	48.88	0	50.00		97.8	81.3	120				

Sample ID: **1501991-003AMSD** Client ID: **MW-4** Units: **ug/L** Prep Date: **01/19/2015** Run No: **283968**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **201867** Analysis Date: **01/20/2015** Seq No: **6020550**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	73.55	5.0	50.00		147	60.5	156	73.90	0.475	20	
Benzene	60.34	5.0	50.00		121	70	135	60.16	0.299	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1501991

ANALYTICAL QC SUMMARY REPORT

BatchID: 201867

Sample ID: **1501991-003AMSD** Client ID: **MW-4** Units: **ug/L** Prep Date: **01/19/2015** Run No: **283968**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **201867** Analysis Date: **01/20/2015** Seq No: **6020550**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.92	5.0	50.00		110	70.5	132	55.10	0.327	20	
Toluene	62.41	5.0	50.00		125	70.5	137	61.59	1.32	20	
Trichloroethene	65.43	5.0	50.00		131	71.8	139	65.48	0.076	20	
Surr: 4-Bromofluorobenzene	46.73	0	50.00		93.5	70.6	123	45.52	0	0	
Surr: Dibromofluoromethane	51.30	0	50.00		103	78.7	124	52.13	0	0	
Surr: Toluene-d8	49.50	0	50.00		99.0	81.3	120	48.88	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 02, 2014

Tiffany Messier
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Tiffany Messier: Order No: 1409R11

Analytical Environmental Services, Inc. received 1 samples on 9/30/2014 12:23:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1409R11

Date: 9/30/14 Page 1 of 1

COMPANY:	ADDRESS:
Genesis Project Inc	1258 Concord Rd Smyrna, GA
PHONE: 770-319-7217	FAX: 770-319-7219
SAMPLED BY: William Mitchell	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: Total VOCs	PRESERVATION (See codes): H+	REMARKS	No # of Containers
1	MW-8R	9/29/14	1600	X		GW	X	X		2
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	9/30/14 1156	1:	9-30-14 11156
2:	9-30-14 12:23	2:	9/30/14 12.23
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Vogue Cleaners
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: mmitchell@genproject.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 2

Turnaround Time Request
- ○ Standard 5 Business Days
- ⊗ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush **(auth req.)**
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? (Y) N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 2-Oct-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	9/29/2014 4:00:00 PM
Lab ID:	1409R11-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,1-Dichloroethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,1-Dichloroethene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2-Dibromoethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2-Dichloroethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,2-Dichloropropane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
2-Butanone	BRL	50		ug/L	196999	1	10/01/2014 12:19	GK
2-Hexanone	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
4-Methyl-2-pentanone	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
Acetone	BRL	50		ug/L	196999	1	10/01/2014 12:19	GK
Benzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Bromodichloromethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Bromoform	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Bromomethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Carbon disulfide	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Carbon tetrachloride	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Chlorobenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Chloroethane	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
Chloroform	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Chloromethane	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
cis-1,2-Dichloroethene	73	5.0		ug/L	196999	1	10/01/2014 12:19	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Cyclohexane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Dibromochloromethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Dichlorodifluoromethane	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
Ethylbenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Freon-113	BRL	10		ug/L	196999	1	10/01/2014 12:19	GK
Isopropylbenzene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
m,p-Xylene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Methyl acetate	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Methylcyclohexane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Methylene chloride	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
o-Xylene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Oct-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	9/29/2014 4:00:00 PM
Lab ID:	1409R11-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Tetrachloroethene	1000	500		ug/L	196999	100	09/30/2014 20:43	GK
Toluene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Trichloroethene	340	200		ug/L	196999	100	09/30/2014 20:43	GK
Trichlorofluoromethane	BRL	5.0		ug/L	196999	1	10/01/2014 12:19	GK
Vinyl chloride	BRL	2.0		ug/L	196999	1	10/01/2014 12:19	GK
Surr: 4-Bromofluorobenzene	89.5	66.2-120		%REC	196999	1	10/01/2014 12:19	GK
Surr: 4-Bromofluorobenzene	89.7	66.2-120		%REC	196999	100	09/30/2014 20:43	GK
Surr: Dibromofluoromethane	96.4	79.5-121		%REC	196999	1	10/01/2014 12:19	GK
Surr: Dibromofluoromethane	97.8	79.5-121		%REC	196999	100	09/30/2014 20:43	GK
Surr: Toluene-d8	97.8	77-117		%REC	196999	1	10/01/2014 12:19	GK
Surr: Toluene-d8	99.1	77-117		%REC	196999	100	09/30/2014 20:43	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Project Work Order Number 1409R11

Checklist completed by Jason B 9/30/14
Signature Date

Carrier name: FedEx __ UPS __ Courier ✓ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

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

Cooler #1 3.2 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1409R11

ANALYTICAL QC SUMMARY REPORT

BatchID: 196999

Sample ID: **MB-196999**	Client ID:	Units: **ug/L**	Prep Date: **09/30/2014**	Run No: **276767**	
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**	BatchID: **196999**	Analysis Date: **09/30/2014**	Seq No: **5846218**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1409R11

ANALYTICAL QC SUMMARY REPORT

BatchID: 196999

Sample ID: **MB-196999** Client ID: Units: **ug/L** Prep Date: **09/30/2014** Run No: **276767**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **196999** Analysis Date: **09/30/2014** Seq No: **5846218**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	45.34	0	50.00		90.7	66.2	120				
Surr: Dibromofluoromethane	48.63	0	50.00		97.3	79.5	121				
Surr: Toluene-d8	48.60	0	50.00		97.2	77	117				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1409R11

ANALYTICAL QC SUMMARY REPORT

BatchID: 196999

Sample ID: **LCS-196999** Client ID: Units: **ug/L** Prep Date: **09/30/2014** Run No: **276767**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **196999** Analysis Date: **09/30/2014** Seq No: **5846992**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	49.15	5.0	50.00		98.3	63.1	140				
Benzene	46.60	5.0	50.00		93.2	74.2	129				
Chlorobenzene	44.36	5.0	50.00		88.7	70	129				
Toluene	45.07	5.0	50.00		90.1	74.2	129				
Trichloroethene	44.24	5.0	50.00		88.5	71.2	135				
Surr: 4-Bromofluorobenzene	45.46	0	50.00		90.9	66.2	120				
Surr: Dibromofluoromethane	48.31	0	50.00		96.6	79.5	121				
Surr: Toluene-d8	48.85	0	50.00		97.7	77	117				

Sample ID: **1409Q19-001AMS** Client ID: Units: **ug/L** Prep Date: **09/30/2014** Run No: **276767**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **196999** Analysis Date: **09/30/2014** Seq No: **5847443**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.11	5.0	50.00		104	60.2	159				
Benzene	49.16	5.0	50.00		98.3	70.2	138				
Chlorobenzene	46.32	5.0	50.00		92.6	70.1	133				
Toluene	47.61	5.0	50.00		95.2	70	139				
Trichloroethene	45.90	5.0	50.00		91.8	70.1	144				
Surr: 4-Bromofluorobenzene	45.62	0	50.00		91.2	66.2	120				
Surr: Dibromofluoromethane	48.61	0	50.00		97.2	79.5	121				
Surr: Toluene-d8	48.11	0	50.00		96.2	77	117				

Sample ID: **1409Q19-001AMSD** Client ID: Units: **ug/L** Prep Date: **09/30/2014** Run No: **276767**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **196999** Analysis Date: **09/30/2014** Seq No: **5847813**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.13	5.0	50.00		102	60.2	159	52.11	1.90	19.2	
Benzene	49.13	5.0	50.00		98.3	70.2	138	49.16	0.061	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1409R11

ANALYTICAL QC SUMMARY REPORT

BatchID: 196999

Sample ID: **1409Q19-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **09/30/2014** Run No: **276767**
BatchID: **196999** Analysis Date: **09/30/2014** Seq No: **5847813**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	46.52	5.0	50.00		93.0	70.1	133	46.32	0.431	20	
Toluene	47.37	5.0	50.00		94.7	70	139	47.61	0.505	20	
Trichloroethene	46.98	5.0	50.00		94.0	70.1	144	45.90	2.33	20	
Surr: 4-Bromofluorobenzene	45.58	0	50.00		91.2	66.2	120	45.62	0	0	
Surr: Dibromofluoromethane	48.30	0	50.00		96.6	79.5	121	48.61	0	0	
Surr: Toluene-d8	48.76	0	50.00		97.5	77	117	48.11	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 08, 2014

Tiffany Messier
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Tiffany Messier: Order No: 1408Q38

Analytical Environmental Services, Inc. received 10 samples on 8/29/2014 3:10:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

TICAL ENVIRONMENTAL SERVICES, INC

AES 3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1408238

Date: 8/29/14 Page 1 of 1

COMPANY: Genesis Project INC.
ADDRESS: 1258 Concord Rd Smyrna, GA. 30080
PHONE: 770)319-7217
FAX: 770)319-7219
SAMPLED BY: Tiffany Messier Will Mitchell
SIGNATURE: Tiffany Messier

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCLP VOC's	PRESERVATION (See codes) H+I	REMARKS	No # of Containers
1	MW-1	8/28/14	18:30	X		GW	X	X		2
2	MW-2R	8/28/14	16:25	X		GW	X	X		2
3	MW-4	8/28/14	13:35	X		GW	X	X		2
4	MW-5	8/28/14	17:20	X		GW	X	X		2
5	MW-6	8/29/14	11:00	X		GW	X	X		2
6	MW-7	8/29/14	9:40	X		GW	X	X		2
7	MW-8R	8/29/14	12:35	X		GW	X	X		2
8	MW-8D	8/29/14	12:00	X		GW	X	X		2
9	MW-22	8/29/14	14:15	X		GW	X	X		2
10	POD-1	8/28/14	18:20	X		GW	X	X		2
11										
12										
13										
14										

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Tiffany Messier	15:10 8/29/14	1:	
2:		2: Tara Materials	8/29/14 15:10
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Vogue Cleaners
PROJECT #:
SITE ADDRESS: 4070 Washington Rd
SEND REPORT TO: messierg@genproject.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 20

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 6:30:00 PM
Lab ID:	1408Q38-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 14:13	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 14:13	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 14:13	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 6:30:00 PM
Lab ID:	1408Q38-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:13	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 14:13	GK
Surr: 4-Bromofluorobenzene	98.3	66.2-120		%REC	195912	1	09/06/2014 14:13	GK
Surr: Dibromofluoromethane	98.8	79.5-121		%REC	195912	1	09/06/2014 14:13	GK
Surr: Toluene-d8	101	77-117		%REC	195912	1	09/06/2014 14:13	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 4:25:00 PM
Lab ID:	1408Q38-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 14:41	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 14:41	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
cis-1,2-Dichloroethene	36	5.0		ug/L	195912	1	09/06/2014 14:41	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 14:41	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 4:25:00 PM
Lab ID:	1408Q38-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Tetrachloroethene	49	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Trichloroethene	22	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 14:41	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 14:41	GK
Surr: 4-Bromofluorobenzene	97.9	66.2-120		%REC	195912	1	09/06/2014 14:41	GK
Surr: Dibromofluoromethane	98.3	79.5-121		%REC	195912	1	09/06/2014 14:41	GK
Surr: Toluene-d8	100	77-117		%REC	195912	1	09/06/2014 14:41	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 1:35:00 PM
Lab ID:	1408Q38-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 15:09	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 15:09	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 15:09	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 1:35:00 PM
Lab ID:	1408Q38-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:09	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 15:09	GK
Surr: 4-Bromofluorobenzene	99.1	66.2-120		%REC	195912	1	09/06/2014 15:09	GK
Surr: Dibromofluoromethane	97.3	79.5-121		%REC	195912	1	09/06/2014 15:09	GK
Surr: Toluene-d8	101	77-117		%REC	195912	1	09/06/2014 15:09	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 5:20:00 PM
Lab ID:	1408Q38-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 15:37	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 15:37	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 15:37	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 5:20:00 PM
Lab ID:	1408Q38-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Tetrachloroethene	110	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 15:37	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 15:37	GK
Surr: 4-Bromofluorobenzene	99.8	66.2-120		%REC	195912	1	09/06/2014 15:37	GK
Surr: Dibromofluoromethane	101	79.5-121		%REC	195912	1	09/06/2014 15:37	GK
Surr: Toluene-d8	102	77-117		%REC	195912	1	09/06/2014 15:37	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 11:00:00 AM
Lab ID:	1408Q38-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 16:05	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 16:05	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 16:05	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 11:00:00 AM
Lab ID:	1408Q38-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:05	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 16:05	GK
Surr: 4-Bromofluorobenzene	98.5	66.2-120		%REC	195912	1	09/06/2014 16:05	GK
Surr: Dibromofluoromethane	98.1	79.5-121		%REC	195912	1	09/06/2014 16:05	GK
Surr: Toluene-d8	101	77-117		%REC	195912	1	09/06/2014 16:05	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 9:40:00 AM
Lab ID:	1408Q38-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 16:33	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 16:33	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 16:33	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 9:40:00 AM
Lab ID:	1408Q38-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 16:33	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 16:33	GK
Surr: 4-Bromofluorobenzene	98.1	66.2-120		%REC	195912	1	09/06/2014 16:33	GK
Surr: Dibromofluoromethane	98.5	79.5-121		%REC	195912	1	09/06/2014 16:33	GK
Surr: Toluene-d8	102	77-117		%REC	195912	1	09/06/2014 16:33	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 12:35:00 PM
Lab ID:	1408Q38-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
2-Butanone	BRL	50		ug/L	195912	1	09/06/2014 17:01	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
Acetone	BRL	50		ug/L	195912	1	09/06/2014 17:01	GK
Benzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Chloroethane	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Chloromethane	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
cis-1,2-Dichloroethene	1800	500		ug/L	195912	100	09/08/2014 14:40	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Freon-113	BRL	10		ug/L	195912	1	09/06/2014 17:01	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 12:35:00 PM
Lab ID:	1408Q38-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Tetrachloroethene	17000	500		ug/L	195912	100	09/08/2014 14:40	GK
Toluene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Trichloroethene	2800	500		ug/L	195912	100	09/08/2014 14:40	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/06/2014 17:01	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/06/2014 17:01	GK
Surr: 4-Bromofluorobenzene	97.6	66.2-120		%REC	195912	100	09/08/2014 14:40	GK
Surr: 4-Bromofluorobenzene	100	66.2-120		%REC	195912	1	09/06/2014 17:01	GK
Surr: Dibromofluoromethane	98.5	79.5-121		%REC	195912	1	09/06/2014 17:01	GK
Surr: Dibromofluoromethane	98.6	79.5-121		%REC	195912	100	09/08/2014 14:40	GK
Surr: Toluene-d8	102	77-117		%REC	195912	1	09/06/2014 17:01	GK
Surr: Toluene-d8	101	77-117		%REC	195912	100	09/08/2014 14:40	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 12:00:00 PM
Lab ID:	1408Q38-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
2-Butanone	BRL	50		ug/L	195912	1	09/08/2014 15:37	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
Acetone	BRL	50		ug/L	195912	1	09/08/2014 15:37	GK
Benzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Chloroethane	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Chloromethane	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Freon-113	BRL	10		ug/L	195912	1	09/08/2014 15:37	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 12:00:00 PM
Lab ID:	1408Q38-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Toluene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/08/2014 15:37	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/08/2014 15:37	GK
Surr: 4-Bromofluorobenzene	97	66.2-120		%REC	195912	1	09/08/2014 15:37	GK
Surr: Dibromofluoromethane	100	79.5-121		%REC	195912	1	09/08/2014 15:37	GK
Surr: Toluene-d8	101	77-117		%REC	195912	1	09/08/2014 15:37	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 2:15:00 PM
Lab ID:	1408Q38-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
2-Butanone	BRL	50		ug/L	195912	1	09/08/2014 16:05	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
Acetone	BRL	50		ug/L	195912	1	09/08/2014 16:05	GK
Benzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Chloroethane	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Chloromethane	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Freon-113	BRL	10		ug/L	195912	1	09/08/2014 16:05	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	8/29/2014 2:15:00 PM
Lab ID:	1408Q38-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Toluene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:05	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/08/2014 16:05	GK
Surr: 4-Bromofluorobenzene	98	66.2-120		%REC	195912	1	09/08/2014 16:05	GK
Surr: Dibromofluoromethane	97.7	79.5-121		%REC	195912	1	09/08/2014 16:05	GK
Surr: Toluene-d8	100	77-117		%REC	195912	1	09/08/2014 16:05	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 6:20:00 PM
Lab ID:	1408Q38-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,1-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,1-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2-Dibromoethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2-Dichloroethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,2-Dichloropropane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
2-Butanone	BRL	50		ug/L	195912	1	09/08/2014 16:34	GK
2-Hexanone	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
4-Methyl-2-pentanone	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
Acetone	BRL	50		ug/L	195912	1	09/08/2014 16:34	GK
Benzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Bromodichloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Bromoform	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Bromomethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Carbon disulfide	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Carbon tetrachloride	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Chlorobenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Chloroethane	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
Chloroform	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Chloromethane	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Cyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Dibromochloromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Dichlorodifluoromethane	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
Ethylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Freon-113	BRL	10		ug/L	195912	1	09/08/2014 16:34	GK
Isopropylbenzene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
m,p-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Methyl acetate	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Methylcyclohexane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Methylene chloride	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
o-Xylene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 8-Sep-14

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/28/2014 6:20:00 PM
Lab ID:	1408Q38-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Tetrachloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Toluene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Trichloroethene	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Trichlorofluoromethane	BRL	5.0		ug/L	195912	1	09/08/2014 16:34	GK
Vinyl chloride	BRL	2.0		ug/L	195912	1	09/08/2014 16:34	GK
Surr: 4-Bromofluorobenzene	97.4	66.2-120		%REC	195912	1	09/08/2014 16:34	GK
Surr: Dibromofluoromethane	98.8	79.5-121		%REC	195912	1	09/08/2014 16:34	GK
Surr: Toluene-d8	98.6	77-117		%REC	195912	1	09/08/2014 16:34	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Project Work Order Number 1408038

Checklist completed by Jan B 8/29/14
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

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

Cooler #1 3.2 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1408Q38

ANALYTICAL QC SUMMARY REPORT

BatchID: 195912

Sample ID: **MB-195912**	Client ID:	Units: **ug/L**	Prep Date: **09/06/2014**	Run No: **275195**	
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**	BatchID: **195912**	Analysis Date: **09/06/2014**	Seq No: **5808548**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1408Q38

ANALYTICAL QC SUMMARY REPORT

BatchID: 195912

Sample ID: **MB-195912** Client ID: Units: **ug/L** Prep Date: **09/06/2014** Run No: **275195**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **195912** Analysis Date: **09/06/2014** Seq No: **5808548**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	49.52	0	50.00		99.0	66.2	120				
Surr: Dibromofluoromethane	49.07	0	50.00		98.1	79.5	121				
Surr: Toluene-d8	50.29	0	50.00		101	77	117				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1408Q38

ANALYTICAL QC SUMMARY REPORT

BatchID: 195912

Sample ID: **LCS-195912** Client ID: Units: **ug/L** Prep Date: **09/06/2014** Run No: **275195**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **195912** Analysis Date: **09/06/2014** Seq No: **5808550**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	49.82	5.0	50.00		99.6	63.1	140				
Benzene	49.26	5.0	50.00		98.5	74.2	129				
Chlorobenzene	46.96	5.0	50.00		93.9	70	129				
Toluene	47.76	5.0	50.00		95.5	74.2	129				
Trichloroethene	47.39	5.0	50.00		94.8	71.2	135				
Surr: 4-Bromofluorobenzene	49.28	0	50.00		98.6	66.2	120				
Surr: Dibromofluoromethane	49.05	0	50.00		98.1	79.5	121				
Surr: Toluene-d8	50.57	0	50.00		101	77	117				

Sample ID: **1408Q29-001AMS** Client ID: Units: **ug/L** Prep Date: **09/06/2014** Run No: **275195**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **195912** Analysis Date: **09/06/2014** Seq No: **5808556**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.99	5.0	50.00		114	60.2	159				
Benzene	56.19	5.0	50.00		112	70.2	138				
Chlorobenzene	52.97	5.0	50.00		106	70.1	133				
Toluene	52.85	5.0	50.00		106	70	139				
Trichloroethene	52.95	5.0	50.00		106	70.1	144				
Surr: 4-Bromofluorobenzene	49.56	0	50.00		99.1	66.2	120				
Surr: Dibromofluoromethane	50.64	0	50.00		101	79.5	121				
Surr: Toluene-d8	50.49	0	50.00		101	77	117				

Sample ID: **1408Q29-001AMSD** Client ID: Units: **ug/L** Prep Date: **09/06/2014** Run No: **275195**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **195912** Analysis Date: **09/06/2014** Seq No: **5808559**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.09	5.0	50.00		106	60.2	159	56.99	7.09	19.2	
Benzene	54.12	5.0	50.00		108	70.2	138	56.19	3.75	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1408Q38

ANALYTICAL QC SUMMARY REPORT

BatchID: 195912

Sample ID: **1408Q29-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **09/06/2014** Run No: **275195**
BatchID: **195912** Analysis Date: **09/06/2014** Seq No: **5808559**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	51.46	5.0	50.00		103	70.1	133	52.97	2.89	20	
Toluene	51.93	5.0	50.00		104	70	139	52.85	1.76	20	
Trichloroethene	50.53	5.0	50.00		101	70.1	144	52.95	4.68	20	
Surr: 4-Bromofluorobenzene	49.14	0	50.00		98.3	66.2	120	49.56	0	0	
Surr: Dibromofluoromethane	49.92	0	50.00		99.8	79.5	121	50.64	0	0	
Surr: Toluene-d8	50.31	0	50.00		101	77	117	50.49	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

August 15, 2013

Tiffany Messier
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Tiffany Messier: Order No: 1308732

Analytical Environmental Services, Inc. received 12 samples on 8/8/2013 12:26:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1308732

Date: 8/8/13 Page 1 of 1

COMPANY:	ADDRESS:
Genesis Project	1258 Concord Rd SE Smyrna, GA 30080
PHONE: 770-319-7217	FAX: 770-319-7219
SAMPLED BY: WPM JM	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total VOCs	PRESERVATION (See codes) HT	REMARKS	No # of Containers
1	POD-1	8/7/13	1240	X		GW				2
2	MW-1	8/7/13	1640	X						
3	MW-2R	8/8/13	0900	X						
4	MW-4	8/7/13	1635	X						
5	MW-5	8/7/13	1505	X						
6	MW-6	8/7/13	1200	X						
7	MW-7	8/7/13	1255	X						
8	MW-8R	8/8/13	1010	X						
9	MW-8D	8/8/13	0855	X						
10	MW-12D	8/7/13	1450	X		↓	↓			
11	MW-22	8/7/13	1520	X		GW	X			↓
12	Trip Blank								Provided by lab	2
13										
14										

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	8/8/13 1225	1:	8/8/13 12:26
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Vogue Cleaners
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: tmessier@genproject.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers 24

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? (Y) N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:40:00 PM
Lab ID:	1308732-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
2-Butanone	BRL	50		ug/L	179700	1	08/12/2013 16:26	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
Acetone	150	50		ug/L	179700	1	08/12/2013 16:26	GK
Benzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Chloroethane	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Chloromethane	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Freon-113	BRL	10		ug/L	179700	1	08/12/2013 16:26	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:40:00 PM
Lab ID:	1308732-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Toluene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:26	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/12/2013 16:26	GK
Surr: 4-Bromofluorobenzene	97	64.6-123		%REC	179700	1	08/12/2013 16:26	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	179700	1	08/12/2013 16:26	GK
Surr: Toluene-d8	102	77.8-120		%REC	179700	1	08/12/2013 16:26	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 4:40:00 PM
Lab ID:	1308732-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
2-Butanone	BRL	50		ug/L	179700	1	08/12/2013 16:56	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
Acetone	BRL	50		ug/L	179700	1	08/12/2013 16:56	GK
Benzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Chloroethane	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Chloromethane	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Freon-113	BRL	10		ug/L	179700	1	08/12/2013 16:56	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-1
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 4:40:00 PM
Lab ID:	1308732-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Toluene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/12/2013 16:56	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/12/2013 16:56	GK
Surr: 4-Bromofluorobenzene	97.2	64.6-123		%REC	179700	1	08/12/2013 16:56	GK
Surr: Dibromofluoromethane	105	76.6-133		%REC	179700	1	08/12/2013 16:56	GK
Surr: Toluene-d8	103	77.8-120		%REC	179700	1	08/12/2013 16:56	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 9:00:00 AM
Lab ID:	1308732-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 02:16	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 02:16	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
cis-1,2-Dichloroethene	5.4	5.0		ug/L	179700	1	08/13/2013 02:16	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 02:16	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-2R
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 9:00:00 AM
Lab ID:	1308732-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Tetrachloroethene	25	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Trichloroethene	16	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:16	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 02:16	GK
Surr: 4-Bromofluorobenzene	98	64.6-123		%REC	179700	1	08/13/2013 02:16	GK
Surr: Dibromofluoromethane	99.1	76.6-133		%REC	179700	1	08/13/2013 02:16	GK
Surr: Toluene-d8	98.9	77.8-120		%REC	179700	1	08/13/2013 02:16	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 4:35:00 PM
Lab ID:	1308732-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 02:46	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 02:46	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 02:46	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-4
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 4:35:00 PM
Lab ID:	1308732-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 02:46	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 02:46	GK
Surr: 4-Bromofluorobenzene	96.8	64.6-123		%REC	179700	1	08/13/2013 02:46	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	179700	1	08/13/2013 02:46	GK
Surr: Toluene-d8	97.6	77.8-120		%REC	179700	1	08/13/2013 02:46	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 3:05:00 PM
Lab ID:	1308732-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 03:15	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 03:15	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
cis-1,2-Dichloroethene	9.2	5.0		ug/L	179700	1	08/13/2013 03:15	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 03:15	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-5
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 3:05:00 PM
Lab ID:	1308732-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Tetrachloroethene	820	50		ug/L	179700	10	08/13/2013 16:06	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Trichloroethene	180	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:15	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 03:15	GK
Surr: 4-Bromofluorobenzene	97.3	64.6-123		%REC	179700	10	08/13/2013 16:06	GK
Surr: 4-Bromofluorobenzene	98.7	64.6-123		%REC	179700	1	08/13/2013 03:15	GK
Surr: Dibromofluoromethane	98.4	76.6-133		%REC	179700	10	08/13/2013 16:06	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	179700	1	08/13/2013 03:15	GK
Surr: Toluene-d8	99.3	77.8-120		%REC	179700	1	08/13/2013 03:15	GK
Surr: Toluene-d8	99.2	77.8-120		%REC	179700	10	08/13/2013 16:06	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:00:00 PM
Lab ID:	1308732-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 03:45	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 03:45	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 03:45	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-6
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:00:00 PM
Lab ID:	1308732-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 03:45	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 03:45	GK
Surr: 4-Bromofluorobenzene	95.6	64.6-123		%REC	179700	1	08/13/2013 03:45	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	179700	1	08/13/2013 03:45	GK
Surr: Toluene-d8	98.2	77.8-120		%REC	179700	1	08/13/2013 03:45	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:55:00 PM
Lab ID:	1308732-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 04:14	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 04:14	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 04:14	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-7
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 12:55:00 PM
Lab ID:	1308732-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:14	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 04:14	GK
Surr: 4-Bromofluorobenzene	99.2	64.6-123		%REC	179700	1	08/13/2013 04:14	GK
Surr: Dibromofluoromethane	99.2	76.6-133		%REC	179700	1	08/13/2013 04:14	GK
Surr: Toluene-d8	97.9	77.8-120		%REC	179700	1	08/13/2013 04:14	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 10:10:00 AM
Lab ID:	1308732-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 04:44	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 04:44	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
cis-1,2-Dichloroethene	43	5.0		ug/L	179700	1	08/13/2013 04:44	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 04:44	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 10:10:00 AM
Lab ID:	1308732-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Tetrachloroethene	1800	100		ug/L	179700	20	08/13/2013 15:36	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Trichloroethene	1300	100		ug/L	179700	20	08/13/2013 15:36	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 04:44	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 04:44	GK
Surr: 4-Bromofluorobenzene	96.9	64.6-123		%REC	179700	1	08/13/2013 04:44	GK
Surr: 4-Bromofluorobenzene	97.4	64.6-123		%REC	179700	20	08/13/2013 15:36	GK
Surr: Dibromofluoromethane	102	76.6-133		%REC	179700	20	08/13/2013 15:36	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	179700	1	08/13/2013 04:44	GK
Surr: Toluene-d8	101	77.8-120		%REC	179700	20	08/13/2013 15:36	GK
Surr: Toluene-d8	98.4	77.8-120		%REC	179700	1	08/13/2013 04:44	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 8:55:00 AM
Lab ID:	1308732-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 05:13	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
Acetone	280	50		ug/L	179700	1	08/13/2013 05:13	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 05:13	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-8D
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013 8:55:00 AM
Lab ID:	1308732-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:13	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 05:13	GK
Surr: 4-Bromofluorobenzene	96.8	64.6-123		%REC	179700	1	08/13/2013 05:13	GK
Surr: Dibromofluoromethane	100	76.6-133		%REC	179700	1	08/13/2013 05:13	GK
Surr: Toluene-d8	99.5	77.8-120		%REC	179700	1	08/13/2013 05:13	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-12D
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 2:50:00 PM
Lab ID:	1308732-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 05:42	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 05:42	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 05:42	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-12D
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 2:50:00 PM
Lab ID:	1308732-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Tetrachloroethene	19	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 05:42	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 05:42	GK
Surr: 4-Bromofluorobenzene	97.2	64.6-123		%REC	179700	1	08/13/2013 05:42	GK
Surr: Dibromofluoromethane	101	76.6-133		%REC	179700	1	08/13/2013 05:42	GK
Surr: Toluene-d8	97.6	77.8-120		%REC	179700	1	08/13/2013 05:42	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 3:20:00 PM
Lab ID:	1308732-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 06:12	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 06:12	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 06:12	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	8/7/2013 3:20:00 PM
Lab ID:	1308732-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 06:12	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 06:12	GK
Surr: 4-Bromofluorobenzene	99.1	64.6-123		%REC	179700	1	08/13/2013 06:12	GK
Surr: Dibromofluoromethane	99.6	76.6-133		%REC	179700	1	08/13/2013 06:12	GK
Surr: Toluene-d8	98.6	77.8-120		%REC	179700	1	08/13/2013 06:12	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	TRIPBLANK
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013
Lab ID:	1308732-012	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,1-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,1-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2-Dibromoethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2-Dichloroethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,2-Dichloropropane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
2-Butanone	BRL	50		ug/L	179700	1	08/13/2013 01:47	GK
2-Hexanone	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
4-Methyl-2-pentanone	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
Acetone	BRL	50		ug/L	179700	1	08/13/2013 01:47	GK
Benzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Bromodichloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Bromoform	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Bromomethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Carbon disulfide	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Carbon tetrachloride	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Chlorobenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Chloroethane	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
Chloroform	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Chloromethane	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Cyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Dibromochloromethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Dichlorodifluoromethane	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
Ethylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Freon-113	BRL	10		ug/L	179700	1	08/13/2013 01:47	GK
Isopropylbenzene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
m,p-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Methyl acetate	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Methylcyclohexane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Methylene chloride	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
o-Xylene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	TRIPBLANK
Project Name:	Vogue Cleaners	**Collection Date:**	8/8/2013
Lab ID:	1308732-012	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Tetrachloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Toluene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Trichloroethene	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Trichlorofluoromethane	BRL	5.0		ug/L	179700	1	08/13/2013 01:47	GK
Vinyl chloride	BRL	2.0		ug/L	179700	1	08/13/2013 01:47	GK
Surr: 4-Bromofluorobenzene	96.8	64.6-123		%REC	179700	1	08/13/2013 01:47	GK
Surr: Dibromofluoromethane	100	76.6-133		%REC	179700	1	08/13/2013 01:47	GK
Surr: Toluene-d8	98.5	77.8-120		%REC	179700	1	08/13/2013 01:47	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Project Work Order Number 1308732

Checklist completed by [signature] 8/9/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.2°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308732

ANALYTICAL QC SUMMARY REPORT

BatchID: 179700

Sample ID: **MB-179700** Client ID: Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5234318**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308732

ANALYTICAL QC SUMMARY REPORT

BatchID: 179700

Sample ID: **MB-179700** Client ID: Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5234318**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	49.83	0	50.00		99.7	64.6	123				
Surr: Dibromofluoromethane	51.56	0	50.00		103	76.6	133				
Surr: Toluene-d8	50.33	0	50.00		101	77.8	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308732

ANALYTICAL QC SUMMARY REPORT

BatchID: 179700

Sample ID: **LCS-179700** Client ID: Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5234317**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.14	5.0	50.00		118	61.1	142				
Benzene	54.74	5.0	50.00		109	73.5	130				
Chlorobenzene	56.24	5.0	50.00		112	72.4	123				
Toluene	56.71	5.0	50.00		113	73.6	130				
Trichloroethene	62.65	5.0	50.00		125	70	135				
Surr: 4-Bromofluorobenzene	49.15	0	50.00		98.3	64.6	123				
Surr: Dibromofluoromethane	53.38	0	50.00		107	76.6	133				
Surr: Toluene-d8	50.46	0	50.00		101	77.8	120				

Sample ID: **1308732-002AMS** Client ID: **MW-1** Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5235516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.18	5.0	50.00		116	60	168				
Benzene	56.25	5.0	50.00	2.560	107	66.6	148				
Chlorobenzene	59.20	5.0	50.00		118	71.9	135				
Toluene	55.51	5.0	50.00		111	68	149				
Trichloroethene	60.99	5.0	50.00		122	71.1	154				
Surr: 4-Bromofluorobenzene	49.25	0	50.00		98.5	64.6	123				
Surr: Dibromofluoromethane	52.86	0	50.00		106	76.6	133				
Surr: Toluene-d8	50.05	0	50.00		100	77.8	120				

Sample ID: **1308732-002AMSD** Client ID: **MW-1** Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5235518**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.05	5.0	50.00		110	60	168	58.18	5.53	18.6	
Benzene	55.17	5.0	50.00	2.560	105	66.6	148	56.25	1.94	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308732

ANALYTICAL QC SUMMARY REPORT

BatchID: 179700

Sample ID: **1308732-002AMSD** Client ID: **MW-1** Units: **ug/L** Prep Date: **08/12/2013** Run No: **249720**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **179700** Analysis Date: **08/12/2013** Seq No: **5235518**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	58.82	5.0	50.00		118	71.9	135	59.20	0.644	20	
Toluene	55.60	5.0	50.00		111	68	149	55.51	0.162	20	
Trichloroethene	60.11	5.0	50.00		120	71.1	154	60.99	1.45	20	
Surr: 4-Bromofluorobenzene	48.96	0	50.00		97.9	64.6	123	49.25	0	0	
Surr: Dibromofluoromethane	53.00	0	50.00		106	76.6	133	52.86	0	0	
Surr: Toluene-d8	50.89	0	50.00		102	77.8	120	50.05	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 29, 2013

Tiffany Messier
Genesis Project, Inc.
1258 Concord Rd. SE
Smyrna GA 30016

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Tiffany Messier: Order No: 1308M82

Analytical Environmental Services, Inc. received 2 samples on 8/23/2013 3:18:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1308M82

Date: 8/23/13 Page 1 of 1

COMPANY:	ADDRESS:
Genesis Project	1258 Concord Rd SE Smyrna, GA 30080
PHONE: 770-319-7217	FAX: 770-319-7219
SAMPLED BY:	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total VOCs	No # of Containers	REMARKS
1	MW 5	8/22/13	1235	X		GW	X	3	
2	MW 8R	8/23/13	1215	X		GW	X	3	
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes): HT

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	8/23/13 1518	1: Stephen Mayhew	8/23/13 3:18PM
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Vogue Cleaners
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: tmessier@genproj.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT

Total # of Containers: 4

Turnaround Time Request
- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 29-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW 5
Project Name:	Vogue Cleaners	**Collection Date:**	8/23/2013 12:35:00 PM
Lab ID:	1308M82-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,1-Dichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,1-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2-Dibromoethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2-Dichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,2-Dichloropropane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
2-Butanone	BRL	50		ug/L	180460	1	08/28/2013 17:09	AK
2-Hexanone	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
4-Methyl-2-pentanone	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
Acetone	BRL	50		ug/L	180460	1	08/28/2013 17:09	AK
Benzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Bromodichloromethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Bromoform	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Bromomethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Carbon disulfide	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Carbon tetrachloride	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Chlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Chloroethane	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
Chloroform	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Chloromethane	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Cyclohexane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Dibromochloromethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Dichlorodifluoromethane	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
Ethylbenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Freon-113	BRL	10		ug/L	180460	1	08/28/2013 17:09	AK
Isopropylbenzene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
m,p-Xylene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Methyl acetate	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Methylcyclohexane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Methylene chloride	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
o-Xylene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 29-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW 5
Project Name:	Vogue Cleaners	**Collection Date:**	8/23/2013 12:35:00 PM
Lab ID:	1308M82-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Tetrachloroethene	140	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Toluene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Trichloroethene	26	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Trichlorofluoromethane	BRL	5.0		ug/L	180460	1	08/28/2013 17:09	AK
Vinyl chloride	BRL	2.0		ug/L	180460	1	08/28/2013 17:09	AK
Surr: 4-Bromofluorobenzene	86.2	64.6-123		%REC	180460	1	08/28/2013 17:09	AK
Surr: Dibromofluoromethane	106	76.6-133		%REC	180460	1	08/28/2013 17:09	AK
Surr: Toluene-d8	95.1	77.8-120		%REC	180460	1	08/28/2013 17:09	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 29-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW 8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/23/2013 12:15:00 PM
Lab ID:	1308M82-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,1,2-Trichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,1-Dichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,1-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2-Dibromoethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2-Dichloroethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,2-Dichloropropane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,3-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
1,4-Dichlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
2-Butanone	BRL	50		ug/L	180460	1	08/28/2013 18:33	AK
2-Hexanone	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
4-Methyl-2-pentanone	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
Acetone	BRL	50		ug/L	180460	1	08/28/2013 18:33	AK
Benzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Bromodichloromethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Bromoform	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Bromomethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Carbon disulfide	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Carbon tetrachloride	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Chlorobenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Chloroethane	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
Chloroform	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Chloromethane	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Cyclohexane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Dibromochloromethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Dichlorodifluoromethane	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
Ethylbenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Freon-113	BRL	10		ug/L	180460	1	08/28/2013 18:33	AK
Isopropylbenzene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
m,p-Xylene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Methyl acetate	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Methyl tert-butyl ether	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Methylcyclohexane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Methylene chloride	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
o-Xylene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 29-Aug-13

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW 8R
Project Name:	Vogue Cleaners	**Collection Date:**	8/23/2013 12:15:00 PM
Lab ID:	1308M82-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Tetrachloroethene	16	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Toluene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Trichloroethene	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Trichlorofluoromethane	BRL	5.0		ug/L	180460	1	08/28/2013 18:33	AK
Vinyl chloride	BRL	2.0		ug/L	180460	1	08/28/2013 18:33	AK
Surr: 4-Bromofluorobenzene	87.4	64.6-123		%REC	180460	1	08/28/2013 18:33	AK
Surr: Dibromofluoromethane	104	76.6-133		%REC	180460	1	08/28/2013 18:33	AK
Surr: Toluene-d8	96.9	77.8-120		%REC	180460	1	08/28/2013 18:33	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Genesis Work Order Number 1308M82

Checklist completed by [signature] Signature 4/23/13 Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Sample Condition: Good ✓ Adjusted? _____ Checked by _____

Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308M82

ANALYTICAL QC SUMMARY REPORT

BatchID: 180460

Sample ID: **MB-180460**	Client ID:		Units: **ug/L**	Prep Date: **08/28/2013**	Run No: **250855**
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **180460**	Analysis Date: **08/28/2013**	Seq No: **5263988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308M82

ANALYTICAL QC SUMMARY REPORT

BatchID: 180460

Sample ID: **MB-180460** Client ID: Units: **ug/L** Prep Date: **08/28/2013** Run No: **250855**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **180460** Analysis Date: **08/28/2013** Seq No: **5263988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	44.39	0	50.00		88.8	64.6	123				
Surr: Dibromofluoromethane	50.27	0	50.00		101	76.6	133				
Surr: Toluene-d8	47.40	0	50.00		94.8	77.8	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308M82

ANALYTICAL QC SUMMARY REPORT

BatchID: 180460

Sample ID: **LCS-180460** Client ID: Units: **ug/L** Prep Date: **08/28/2013** Run No: **250855**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **180460** Analysis Date: **08/28/2013** Seq No: **5263985**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.95	5.0	50.00		106	61.1	142				
Benzene	47.79	5.0	50.00		95.6	73.5	130				
Chlorobenzene	56.27	5.0	50.00		113	72.4	123				
Toluene	49.57	5.0	50.00		99.1	73.6	130				
Trichloroethene	49.82	5.0	50.00		99.6	70	135				
Surr: 4-Bromofluorobenzene	48.53	0	50.00		97.1	64.6	123				
Surr: Dibromofluoromethane	51.88	0	50.00		104	76.6	133				
Surr: Toluene-d8	51.57	0	50.00		103	77.8	120				

Sample ID: **1308M82-001AMS** Client ID: **MW 5** Units: **ug/L** Prep Date: **08/28/2013** Run No: **250855**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **180460** Analysis Date: **08/28/2013** Seq No: **5263990**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.80	5.0	50.00		112	60	168				
Benzene	51.41	5.0	50.00		103	66.6	148				
Chlorobenzene	59.93	5.0	50.00		120	71.9	135				
Toluene	53.11	5.0	50.00		106	68	149				
Trichloroethene	81.21	5.0	50.00	25.82	111	71.1	154				
Surr: 4-Bromofluorobenzene	49.21	0	50.00		98.4	64.6	123				
Surr: Dibromofluoromethane	53.82	0	50.00		108	76.6	133				
Surr: Toluene-d8	48.60	0	50.00		97.2	77.8	120				

Sample ID: **1308M82-001AMSD** Client ID: **MW 5** Units: **ug/L** Prep Date: **08/28/2013** Run No: **250855**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **180460** Analysis Date: **08/28/2013** Seq No: **5263991**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.87	5.0	50.00		106	60	168	55.80	5.39	18.6	
Benzene	50.79	5.0	50.00		102	66.6	148	51.41	1.21	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1308M82

ANALYTICAL QC SUMMARY REPORT

BatchID: 180460

Sample ID: **1308M82-001AMSD** Client ID: **MW 5** Units: **ug/L** Prep Date: **08/28/2013** Run No: **250855**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **180460** Analysis Date: **08/28/2013** Seq No: **5263991**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	60.18	5.0	50.00		120	71.9	135	59.93	0.416	20	
Toluene	51.48	5.0	50.00		103	68	149	53.11	3.12	20	
Trichloroethene	82.00	5.0	50.00	25.82	112	71.1	154	81.21	0.968	20	
Surr: 4-Bromofluorobenzene	49.52	0	50.00		99.0	64.6	123	49.21	0	0	
Surr: Dibromofluoromethane	52.70	0	50.00		105	76.6	133	53.82	0	0	
Surr: Toluene-d8	48.08	0	50.00		96.2	77.8	120	48.60	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Mobile Geochemistry Inc.

25 June 2013

Mr. Jim Fineis
Atlas Geo-Sampling Company
120 Nottaway Lane
Alpharetta, GA 30009

H&P Project: AG061413-11
Client Project: Genesis Augusta

Dear Mr. Jim Fineis:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 14-Jun-13 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

H&P Mobile
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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-1	E306081-01	Vapor	12-Jun-13	14-Jun-13
SV-2	E306081-02	Vapor	12-Jun-13	14-Jun-13
SV-4	E306081-03	Vapor	12-Jun-13	14-Jun-13
SV-3	E306081-04	Vapor	12-Jun-13	14-Jun-13
SV-5	E306081-05	Vapor	12-Jun-13	14-Jun-13

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

DETECTIONS SUMMARY

Sample ID: **SV-1** Laboratory ID: **E306081-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**84**	48	ug/m3	EPA TO-15	
Toluene	**7.8**	7.6	ug/m3	EPA TO-15	
Tetrachloroethene	**2300**	14	ug/m3	EPA TO-15	

Sample ID: **SV-2** Laboratory ID: **E306081-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**69**	24	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	ug/m3	EPA TO-15	
Toluene	**11**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**480**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**22**	8.8	ug/m3	EPA TO-15	
o-Xylene	**9.2**	4.4	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**8.9**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**20**	5.0	ug/m3	EPA TO-15	

Sample ID: **SV-4** Laboratory ID: **E306081-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**130**	40	ug/m3	EPA TO-15	
Trichloroethene	**1400**	55	ug/m3	EPA TO-15	
Tetrachloroethene	**47000**	280	ug/m3	EPA TO-15	

Sample ID: **SV-3** Laboratory ID: **E306081-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**100**	27	ug/m3	EPA TO-15	
Tetrachloroethene	**7800**	34	ug/m3	EPA TO-15	

Sample ID: **SV-5** Laboratory ID: **E306081-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**680**	55	ug/m3	EPA TO-15	
Tetrachloroethene	**29000**	69	ug/m3	EPA TO-15	

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120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-1 (E306081-01) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Dichlorodifluoromethane (F12)	ND	10	ug/m3	2	EF31905	19-Jun-13	19-Jun-13	EPA TO-15	
Chloromethane	ND	4.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	14	"	"	"	"	"	"	
Vinyl chloride	ND	5.2	"	"	"	"	"	"	
Bromomethane	ND	32	"	"	"	"	"	"	
Chloroethane	ND	16	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	11	"	"	"	"	"	"	
Acetone	**84**	48	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	15	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	7.1	"	"	"	"	"	"	
Carbon disulfide	ND	13	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	16	"	"	"	"	"	"	
1,1-Dichloroethane	ND	8.2	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
Chloroform	ND	9.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	11	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	8.2	"	"	"	"	"	"	
Benzene	ND	6.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Trichloroethene	ND	11	"	"	"	"	"	"	
1,2-Dichloropropane	ND	19	"	"	"	"	"	"	
Bromodichloromethane	ND	14	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	9.2	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	17	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	9.2	"	"	"	"	"	"	
Toluene	**7.8**	7.6	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	11	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	17	"	"	"	"	"	"	
Dibromochloromethane	ND	17	"	"	"	"	"	"	
Tetrachloroethene	**2300**	14	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	16	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	14	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	"	"	"	"	"	"	
m,p-Xylene	ND	18	"	"	"	"	"	"	
Styrene	ND	8.6	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-1 (E306081-01) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
o-Xylene	ND	8.8	"	"	"	"	"	"	
Bromoform	ND	21	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	14	"	"	"	"	"	"	
4-Ethyltoluene	ND	10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	"	"	"	"	"	"	
Hexachlorobutadiene	ND	21	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*77-127*	"	"	"	"	
SV-2 (E306081-02) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EF31905	19-Jun-13	19-Jun-13	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
Acetone	**69**	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-2 (E306081-02) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**11**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**480**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**22**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**9.2**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**8.9**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**20**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	7.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	11	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*77-127*	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4 (E306081-03) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Dichlorodifluoromethane (F12)	ND	50	ug/m3	10	EF31905	19-Jun-13	19-Jun-13	EPA TO-15	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	26	"	"	"	"	"	"	
Bromomethane	ND	160	"	"	"	"	"	"	
Chloroethane	ND	80	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
Acetone	ND	240	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	63	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	80	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	300	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**130**	40	"	"	"	"	"	"	
Chloroform	ND	49	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	41	"	"	"	"	"	"	
Benzene	ND	32	"	"	"	"	"	"	
Carbon tetrachloride	ND	64	"	"	"	"	"	"	
Trichloroethene	**1400**	55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	94	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	83	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**47000**	280	"	40	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	78	"	10	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	47	"	"	"	"	"	"	
Ethylbenzene	ND	44	"	"	"	"	"	"	
m,p-Xylene	ND	88	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	

H&P Mobile
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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-4 (E306081-03) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
o-Xylene	ND	44	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.3 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*		*77-127*	"	"	"	"	
SV-3 (E306081-04) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Dichlorodifluoromethane (F12)	ND	25	ug/m3	5	EF31905	19-Jun-13	19-Jun-13	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
Acetone	ND	120	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-3 (E306081-04) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Trichloroethene	**100**	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	34	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	ND	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	**7800**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	52	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	ND	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*		*77-127*	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-5 (E306081-05) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
Dichlorodifluoromethane (F12)	ND	50	ug/m3	10	EF31905	19-Jun-13	19-Jun-13	EPA TO-15	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	26	"	"	"	"	"	"	
Bromomethane	ND	160	"	"	"	"	"	"	
Chloroethane	ND	80	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
Acetone	ND	240	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	63	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	80	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	300	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	49	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	41	"	"	"	"	"	"	
Benzene	ND	32	"	"	"	"	"	"	
Carbon tetrachloride	ND	64	"	"	"	"	"	"	
Trichloroethene	**680**	55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	94	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	83	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**29000**	69	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	78	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	47	"	"	"	"	"	"	
Ethylbenzene	ND	44	"	"	"	"	"	"	
m,p-Xylene	ND	88	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	

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120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-5 (E306081-05) Vapor Sampled: 12-Jun-13 Received: 14-Jun-13									
o-Xylene	ND	44	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*77-127*	"	"	"	"	

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120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF31905 - TO-15										
Blank (EF31905-BLK1)				Prepared & Analyzed: 19-Jun-13						
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.6	"							
Acetone	ND	24	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							
cis-1,2-Dichloroethene	ND	4.0	"							
Chloroform	ND	4.9	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF31905 - TO-15										
Blank (EF31905-BLK1)				Prepared & Analyzed: 19-Jun-13						
Chlorobenzene	ND	4.7	ug/m3							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							
Surrogate: 1,2-Dichloroethane-d4	*250*		*"*	*214*		*117*	*76-134*			
Surrogate: Toluene-d8	*208*		*"*	*207*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*362*		*"*	*364*		*99.4*	*77-127*			
LCS (EF31905-BS1)				Prepared & Analyzed: 19-Jun-13						
Dichlorodifluoromethane (F12)	100	5.0	ug/m3	101		101	65-135			
Vinyl chloride	44	2.6	"	52.0		83.9	65-135			
Chloroethane	42	8.0	"	53.6		79.2	65-135			
Trichlorofluoromethane (F11)	110	5.6	"	113		96.0	65-135			
1,1-Dichloroethene	75	4.0	"	80.8		92.9	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	130	7.7	"	155		81.2	65-135			
Methylene chloride (Dichloromethane)	54	3.5	"	70.8		76.8	65-135			
trans-1,2-Dichloroethene	64	8.0	"	80.8		79.5	65-135			
1,1-Dichloroethane	68	4.1	"	82.4		82.8	65-135			
cis-1,2-Dichloroethene	69	4.0	"	80.0		85.9	65-135			
Chloroform	94	4.9	"	99.2		94.4	65-135			
1,1,1-Trichloroethane	110	5.5	"	111		96.1	65-135			
1,2-Dichloroethane (EDC)	80	4.1	"	82.4		96.5	65-135			

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Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF31905 - TO-15										
LCS (EF31905-BS1)				Prepared & Analyzed: 19-Jun-13						
Benzene	58	3.2	ug/m3	64.8		89.9	65-135			
Carbon tetrachloride	130	6.4	"	128		99.1	65-135			
Trichloroethene	110	5.5	"	110		97.1	65-135			
Toluene	69	3.8	"	76.8		89.4	65-135			
1,1,2-Trichloroethane	96	5.5	"	111		86.5	65-135			
Tetrachloroethene	130	6.9	"	138		95.0	65-135			
1,1,1,2-Tetrachloroethane	130	7.0	"	140		95.7	65-135			
Ethylbenzene	96	4.4	"	88.4		109	65-135			
m,p-Xylene	190	8.8	"	177		106	65-135			
o-Xylene	95	4.4	"	88.4		107	65-135			
1,1,2,2-Tetrachloroethane	130	7.0	"	140		95.9	65-135			
Surrogate: 1,2-Dichloroethane-d4	*239*		*"*	*214*		*112*	*76-134*			
Surrogate: Toluene-d8	*203*		*"*	*207*		*97.9*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*381*		*"*	*364*		*104*	*77-127*			
LCS Dup (EF31905-BSD1)				Prepared & Analyzed: 19-Jun-13						
Dichlorodifluoromethane (F12)	100	5.0	ug/m3	101		102	65-135	1.03	35	
Vinyl chloride	48	2.6	"	52.0		91.6	65-135	8.75	35	
Chloroethane	48	8.0	"	53.6		89.3	65-135	12.0	35	
Trichlorofluoromethane (F11)	95	5.6	"	113		84.1	65-135	13.2	35	
1,1-Dichloroethene	84	4.0	"	80.8		104	65-135	11.3	35	
1,1,2-Trichlorotrifluoroethane (F113)	140	7.7	"	155		87.9	65-135	7.94	35	
Methylene chloride (Dichloromethane)	64	3.5	"	70.8		89.9	65-135	15.7	35	
trans-1,2-Dichloroethene	73	8.0	"	80.8		90.0	65-135	12.4	35	
1,1-Dichloroethane	67	4.1	"	82.4		81.6	65-135	1.45	35	
cis-1,2-Dichloroethene	76	4.0	"	80.0		95.6	65-135	10.6	35	
Chloroform	94	4.9	"	99.2		95.1	65-135	0.788	35	
1,1,1-Trichloroethane	110	5.5	"	111		94.8	65-135	1.40	35	
1,2-Dichloroethane (EDC)	82	4.1	"	82.4		100	65-135	3.65	35	
Benzene	60	3.2	"	64.8		92.0	65-135	2.31	35	
Carbon tetrachloride	130	6.4	"	128		98.5	65-135	0.657	35	
Trichloroethene	110	5.5	"	110		98.2	65-135	1.12	35	
Toluene	68	3.8	"	76.8		87.9	65-135	1.63	35	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF31905 - TO-15										
LCS Dup (EF31905-BSD1)				Prepared & Analyzed: 19-Jun-13						
1,1,2-Trichloroethane	98	5.5	ug/m3	111		87.9	65-135	1.59	35	
Tetrachloroethene	130	6.9	"	138		93.1	65-135	2.01	35	
1,1,1,2-Tetrachloroethane	140	7.0	"	140		97.2	65-135	1.55	35	
Ethylbenzene	96	4.4	"	88.4		108	65-135	0.183	35	
m,p-Xylene	190	8.8	"	177		107	65-135	0.374	35	
o-Xylene	96	4.4	"	88.4		108	65-135	0.924	35	
1,1,2,2-Tetrachloroethane	140	7.0	"	140		97.7	65-135	1.90	35	
Surrogate: 1,2-Dichloroethane-d4	*238*		*"*	*214*		*111*	*76-134*			
Surrogate: Toluene-d8	*200*		*"*	*207*		*96.4*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*370*		*"*	*364*		*101*	*77-127*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Atlas Geo-Sampling Company	Project: AG061413-11	
120 Nottaway Lane	Project Number: Genesis Augusta	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	25-Jun-13 12:13

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory (Certification # L11-175) in accordance with the DoD-ELAP program. H&P is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A
Hexachlorobutadiene by EPA TO-15 & TO-14A
Bromodichloromethane by EPA TO-15 & TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A
Dichlorotetrafluoroethane by EPA TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A
Benzene by EPA TO-15 & TO-14A
Chlorobenzene by EPA TO-15 & TO-14A
Ethyl benzene by EPA TO-15 & TO-14A
Styrene by EPA TO-15 & TO-14A
Toluene by EPA TO-15 & TO-14A
Total Xylenes by EPA TO-15 & TO-14A
1,1,1-Trichloroethane by EPA TO-15 & TO-14A
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A
1,1,2-Trichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethene by EPA TO-15 & TO-14A
1,2-Dichloroethane by EPA TO-15 & TO-14A
1,2-Dichloropropane by EPA TO-15 & TO-14A
Benzyl Chloride by EPA TO-15 & TO-14A
Bromoform by EPA TO-15
Bromomethane by EPA TO-15 & TO-14A
Carbon tetrachloride by EPA TO-15 & TO-14A
Chloroethane by EPA TO-15 & TO-14A
Chloroform by EPA TO-15 & TO-14A
Chloromethane by EPA TO-15 & TO-14A
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A
Methylene chloride by EPA TO -15 & TO-14A
Tetrachloroethane by EPA TO-15 & TO-14A
trans-1,2-Dichloroethene by EPA TO-15
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A
Trichloroethene by EPA TO-15 & TO-14A
Vinyl chloride by EPA TO -15 & TO-14A
2-Butanone by EPA TO-15
4-Methyl-2-Pentanone by EPA TO-15
Hexane by EPA TO-15
Methyl tert-butyl ether by EPA TO-15
Vinyl acetate by EPA TO-15

Dibromochloromethane by EPA TO-15
1,3-Dichlorobenzene by EPA TO-15 & TO-14A
Trichlorofluoromethane by EPA TO-14A
Naphthalene by H&P SOP TO-15/GC-MS
1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,2-Dibromo-3-chloropropane by EPA TO-15
1,3-Butadiene by EPA TO-15
1,1,2-Trichlorotrifluoroethane by EPA TO-15 & TO-14A
Carbon disulfide by EPA TO-15
1,4-Dioxane by EPA TO-15

This certification applies to samples analyzed in summa canisters.

Chain of Custody Record

H&P Mobile Geochemistry, Inc.

☐ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: _____

(SN) H&P Project # AG061413-11

Outside Lab: _____

Client: Atlas Geo Sampling
Address: 120 Nottaway Lane, Alpharetta, GA 30004
Email: JimFines@atlas-geo.com

Collector: Jim Fines
Client Project # Genesis Augusta
Location: Augusta Georgia
Phone: 770 883 3372
Fax: _____

Page: 1 of 1
Project Contact: _____
Turn around time: STND

Geotracker EDF: Yes ☐ No ☐
Global ID: _____
Excel EDD: Yes ☐ No ☐

Sample Receipt
Intact: ☑ Yes ☐ No
Seal Intact: ☐ Yes ☐ No ☑ N/A
Cold: ☐ Yes ☐ No ☑ N/A
Temperature: RT

Special Instructions:
UPS TRACK# 1Z 93T T61 87 4873 1562

Lab Work Order # E306081

Sample Name	Field Point Name (CANE)	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B ☐ BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☐ 8260B ☑ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ____ ☐ 8260B ☐ TO-15	Leak Check Compound ☐ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO2 ☐ O2 ☐ N2	VAC# Gauge# 1076 & 84
								SOIL/GW				SOIL VAPOR/AIR ANALYSIS											
SV-1	154	186	955	6-12-13	SG	Summa	1					✓											-1.9
SV-2	135	"	1030	"	"	"	1					✓											-1.9
SV-4	212	"	1050	"	SG	"	1					✓											-2.0
SV-3	279	"	1125	"	SG	"	1					✓											-2.0
SV-5	298		1155	"	SG	"	1					✓											-2.0

Approved/Relinquished by: (Signature)	(company) Atlas	Received by: (Signature)	(company) Date: 6-12-13 Time: 1405
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company) H&P Date: 6-14-13 Time: 0545
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company) Date: Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

Radon Analysis (EPA Method GS: Grab Sample/Scintillation Cell counting)

For H&P/Atlas Geo Sampling

Client Project Number: H&P AG061313-14R (AG# Genesis Augusta)

Samples Collected by: Jim Fineis

Sample Dates: 6/12/13

Sample containers: Tedlar bags

Site: Agusta GA

Assumed Site Pressure **0.96** atm

Analysts: Doug Hammond

based on an elevation of 900 ft

Phone: 310-490-7896

Time Zone adjustment: add to decay time

email: dhammond@usc.edu

3 hours Collect (EDT)

Run (PDT)

	Summary	Collection Date	time (EDT)	Analysis Date	time (PDT)	Vol run (cc)	Conc. pCi/L	±1 sig pCi/L	Lab Duplicates mean pCi/L	±1ssd pCi/L	Notes
Received 6/14/13											
1	SV1-SG	6/12/13	9:45	6/14/13	11:09	40	293	15			
2	SV1-IA	6/12/13	9:50	6/14/13	11:16	120	0.91	0.08			
3	SV3-IA	6/12/13	11:20	6/14/13	11:19	120	0.81	0.07			
4	SV5-SG	6/12/13	11:40	6/14/13	11:11	40	258	13	256	3	
	lab dupe	6/12/13	11:40	6/14/13	11:13	40	253	13			
5	SV5-IA	6/12/13	11:45	6/14/13	11:21	120	0.71	0.07			

Uncertainty given in pCi/liter is based on counting statistics for low activity samples. For high activity samples uncertainty is ±5%.

The Lower Limit of Detection for Rn (95% confidence level as recommended by EPA 402-R-95-012, Oct. 97) is 0.14 pCi/liter.

Results are reported based on standardization with NIST-traceable radon sources.

These results are for application of naturally-occurring radon as a tracer of soil vapor intrusion, but are not intended for evaluation of radon hazards.

Results corrected to in situ pressure as noted above

Raw Data, Calculation factors, and Analytical Details

	Sample ID	Collection Date	Time (EDT)	Analysis Date	Time (PDT)	Count in cell/ch	He eff	Air/He eff	Vol run (cc)	Press factor	obs dpm	sig dpm	Decay T (hours)	Decay factor	Concentration dpm/liter	pCi/liter	count stats pCi/liter ±1 sig	Notes
Received 6/14/13																		
1	SV1-SG	6/12/13	9:45	6/14/13	11:09	74/34	0.948	0.99	40	0.96	17.14	0.19	52.4	1.486	651	293	3	
2	SV1-IA	6/12/13	9:50	6/14/13	11:16	82/32	0.743	0.97	120	0.96	0.12	0.01	52.4	1.486	2.01	0.91	0.08	
3	SV3-IA	6/12/13	11:20	6/14/13	11:19	81/31	0.818	0.97	120	0.96	0.12	0.01	51.0	1.470	1.81	0.81	0.07	
4	SV5-SG	6/12/13	11:40	6/14/13	11:11	61/33	0.819	0.99	40	0.96	13.22	0.17	50.5	1.465	573	258	3	
	lab dupe	6/12/13	11:40	6/14/13	11:13	Z13/22	0.818	0.99	40	0.96	12.96	0.17	50.6	1.465	563	253	3	
5	SV5-IA	6/12/13	11:45	6/14/13	11:21	84/11	0.785	0.97	120	0.96	0.10	0.01	50.6	1.466	1.59	0.71	0.07	

Decay correctiions based on Rn decay constant of 0.1813 per day

Radon Conc = {(0.4504)(1000)(obs dpm)(decay factor)(Press factor)}/{(cc used)(He eff)(Air/He)}

Conversion from dpm based on 0.4504 pCi/dpm (in pCi/liter)

Blanks are negligible.

Definitions:

Cell/ch:	Counting cell and channel used	sig dpm	uncertainty (± 1 sig) in dpm based on counting statistics
He eff:	Cell and counter efficiency using helium matrix	Decay T:	time elapsed from sampling to analysis
Air/He:	Correction for matrix counting gas density	Decay factor:	Correction factor for decay from collection to analysis
Sample vol:	Volume analyzed (cc)	dpm/liter:	Radon concentration in disintigrations per minute per liter of sample
Press factor:	Correction to in situ pressure based on collection altitude	piC/liter:	Radon concentration in picoCuries per liter
obs dpm:	observed radon activity (disintigrations per minute) when analyzed	count stats:	uncertainty in observed radon based on counting statistics

Chain of Custody Record

Mobile Geochemistry, Inc.
☐ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☐ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: _____
(SN) H&P Project # AG061313-14R
Outside Lab: _____

Client: Atlas Geo Sampling
Address: 120 Nottaway Lane, Alpharetta, GA 30004
Email: jimfinels@atlas-geo.com
Collector: Jim Finels
Client Project # Genesis Augusta
Location: Augusta, GA
Phone: 770 883 3372
Page: 1 of 1
Project Contact: _____
Fax: _____
Turn around time: STND

Geotracker EDF: Yes ☐ No ☐
Global ID: _____
Excel EDD: Yes ☐ No ☐

Sample Receipt
Intact: ☐ Yes ☑ No * SV3-SG: TEDLAR FLAT UPON RECEIPT, PUNCTURE NOTED (SN)
Seal Intact: ☐ Yes ☐ No ☑ N/A
Cold: ☐ Yes ☐ No ☑ N/A
Temperature: RT

Special Instructions:
UPS tracking # 1Z 93T T61 84 4774 7544
ANALYZE SV3-1A WITHOUT CORRESPONDING SG. (SN)

Lab Work Order # _____

Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List	8260B ☐ BTEX/OXY ☐ TPH gas	LUFT/8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☐ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ____ ☐ 8260B ☐ TO-15	Leak Check Compound ☐ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2	Radon	Rad 10
								SOIL/GW				SOIL VAPOR/AIR ANALYSIS												
SV1-SG	soil gas	–	945	6-12-13	SG	Tedlar	1																1	✓
SV1-IA	indoor air	–	950	"	IA	"	1																1	✓
~~SV3-SG~~	~~soil gas~~	~~–~~	~~1115~~	"	SG	"	1			NO ANALYSIS, FLAT UPON RECEIPT (SN)													~~1~~	~~✓~~
SV3-IA	indoor air	–	1120	"	IA	"	1																1	✓
SV5-SG	soil gas	–	1140	"	SG	"	1																1	✓
SV5-IA	indoor air	–	1145	"	IA	"	1																1	✓

Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
	AHS			6-12-13	1605
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
			HPO	6-13-13	1030
Approved/Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
	HPO			6/14/13	1100

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back.

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 14, 2011

Tiffany Messier
Genesis Project, Inc.
1258 Concord Rd.
Smyrna GA 30080

TEL: (770) 319-7217
FAX: (770) 319-7219

RE: Vogue Cleaners

Dear Tiffany Messier: Order No: 1107569

Analytical Environmental Services, Inc. received 8 samples on 7/8/2011 2:15:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

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

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

James Forrest
Project Manager

3785 PRESIDENTIAL PARKWAY • ATLANTA, GEORGIA 30340 • TEL: (770) 457-8177 • FAX: (770)457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1107569

Date: 7/8/11 Page 1 of 1

COMPANY: Genesis Project, Inc.
ADDRESS: 1258 Concord Rd Smyrna, GA 30080
PHONE: 770-319-7217
FAX: 770-319-7219
SAMPLED BY: Kyle Rommel + Josh Threadgill
SIGNATURE:

ANALYSIS REQUESTED: Total VOC

PRESERVATION (See codes): H+I, S/M+I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION	REMARKS	No # of Containers
1	POD-1	7/7/11	1400	X		GW	2		2
2	RW-3	7/7/11	1200	X		GW	2		2
3	MW-22	7/8/11	1115	X		GW	2		2
4	SB-6 (0-2)	7/7/11	1620	X		SO	4		4
5	SB-13W (0-2)	"	1450	"		"	"		"
6	SB-14 (0-2)	"	1400	"		"	"		"
7	SB-15 (0-2)	"	1420	"		"	"		"
8	SB-17 (0-2)	7/7/11	1650	X		SO	4		4
9									
10									
11									
12									
13									
14									

RELINQUISHED BY / DATE/TIME
1: 7/4/11 1415
2:
3:

RECEIVED BY / DATE/TIME
1: 7/8/11
2: 14:15
3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

PROJECT INFORMATION
PROJECT NAME: Vogue Cleaners
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: tmassien@genproject.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 26

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush **(auth req.)**
- ○ Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 14-Jul-11

Client: Genesis Project, Inc.
Project: Vogue Cleaners
Lab ID: 1107569

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1107569-006A was outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:00:00 PM
Lab ID:	1107569-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,1,2-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,1-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,1-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2-Dibromoethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,2-Dichloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,3-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
1,4-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
2-Butanone	BRL	50		ug/L	148779	1	07/11/2011 16:38	MC
2-Hexanone	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
4-Methyl-2-pentanone	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
Acetone	BRL	50		ug/L	148779	1	07/11/2011 16:38	MC
Benzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Bromodichloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Bromoform	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Bromomethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Carbon disulfide	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Carbon tetrachloride	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Chlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Chloroethane	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
Chloroform	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Chloromethane	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Cyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Dibromochloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Dichlorodifluoromethane	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
Ethylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Freon-113	BRL	10		ug/L	148779	1	07/11/2011 16:38	MC
Isopropylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
m,p-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Methyl acetate	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Methyl tert-butyl ether	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Methylcyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Methylene chloride	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
o-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	POD-1
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:00:00 PM
Lab ID:	1107569-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Tetrachloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Toluene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Trichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Trichlorofluoromethane	BRL	5.0		ug/L	148779	1	07/11/2011 16:38	MC
Vinyl chloride	BRL	2.0		ug/L	148779	1	07/11/2011 16:38	MC
Surr: 4-Bromofluorobenzene	92.6	64.7-130		%REC	148779	1	07/11/2011 16:38	MC
Surr: Dibromofluoromethane	87.1	80.7-129		%REC	148779	1	07/11/2011 16:38	MC
Surr: Toluene-d8	98.1	71.1-120		%REC	148779	1	07/11/2011 16:38	MC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	RW-3
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 12:00:00 PM
Lab ID:	1107569-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,1,2-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,1-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,1-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2-Dibromoethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,2-Dichloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,3-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
1,4-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
2-Butanone	BRL	50		ug/L	148779	1	07/11/2011 17:05	MC
2-Hexanone	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
4-Methyl-2-pentanone	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
Acetone	530	500		ug/L	148779	10	07/11/2011 19:32	MC
Benzene	7.9	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Bromodichloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Bromoform	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Bromomethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Carbon disulfide	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Carbon tetrachloride	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Chlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Chloroethane	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
Chloroform	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Chloromethane	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
cis-1,2-Dichloroethene	25	5.0		ug/L	148779	1	07/11/2011 17:05	MC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Cyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Dibromochloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Dichlorodifluoromethane	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
Ethylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Freon-113	BRL	10		ug/L	148779	1	07/11/2011 17:05	MC
Isopropylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
m,p-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Methyl acetate	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Methyl tert-butyl ether	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Methylcyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Methylene chloride	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
o-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	RW-3
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 12:00:00 PM
Lab ID:	1107569-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Tetrachloroethene	280	50		ug/L	148779	10	07/11/2011 19:32	MC
Toluene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Trichloroethene	5.4	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Trichlorofluoromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:05	MC
Vinyl chloride	BRL	2.0		ug/L	148779	1	07/11/2011 17:05	MC
Surr: 4-Bromofluorobenzene	93.4	64.7-130		%REC	148779	10	07/11/2011 19:32	MC
Surr: 4-Bromofluorobenzene	94.2	64.7-130		%REC	148779	1	07/11/2011 17:05	MC
Surr: Dibromofluoromethane	86.7	80.7-129		%REC	148779	1	07/11/2011 17:05	MC
Surr: Dibromofluoromethane	90.5	80.7-129		%REC	148779	10	07/11/2011 19:32	MC
Surr: Toluene-d8	99.8	71.1-120		%REC	148779	1	07/11/2011 17:05	MC
Surr: Toluene-d8	101	71.1-120		%REC	148779	10	07/11/2011 19:32	MC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	7/8/2011 11:15:00 AM
Lab ID:	1107569-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,1,2-Trichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,1-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,1-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2-Dibromoethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2-Dichloroethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,2-Dichloropropane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,3-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
1,4-Dichlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
2-Butanone	BRL	50		ug/L	148779	1	07/11/2011 17:33	MC
2-Hexanone	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
4-Methyl-2-pentanone	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
Acetone	BRL	50		ug/L	148779	1	07/11/2011 17:33	MC
Benzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Bromodichloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Bromoform	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Bromomethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Carbon disulfide	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Carbon tetrachloride	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Chlorobenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Chloroethane	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
Chloroform	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Chloromethane	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
cis-1,2-Dichloroethene	14	5.0		ug/L	148779	1	07/11/2011 17:33	MC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Cyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Dibromochloromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Dichlorodifluoromethane	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
Ethylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Freon-113	BRL	10		ug/L	148779	1	07/11/2011 17:33	MC
Isopropylbenzene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
m,p-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Methyl acetate	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Methyl tert-butyl ether	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Methylcyclohexane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Methylene chloride	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
o-Xylene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	MW-22
Project Name:	Vogue Cleaners	**Collection Date:**	7/8/2011 11:15:00 AM
Lab ID:	1107569-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Tetrachloroethene	8.2	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Toluene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Trichloroethene	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Trichlorofluoromethane	BRL	5.0		ug/L	148779	1	07/11/2011 17:33	MC
Vinyl chloride	BRL	2.0		ug/L	148779	1	07/11/2011 17:33	MC
Surr: 4-Bromofluorobenzene	93.4	64.7-130		%REC	148779	1	07/11/2011 17:33	MC
Surr: Dibromofluoromethane	86.6	80.7-129		%REC	148779	1	07/11/2011 17:33	MC
Surr: Toluene-d8	99.5	71.1-120		%REC	148779	1	07/11/2011 17:33	MC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-6 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 4:20:00 PM
Lab ID:	1107569-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,1,2,2-Tetrachloroethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,1,2-Trichloroethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,1-Dichloroethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,1-Dichloroethene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2,4-Trichlorobenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2-Dibromo-3-chloropropane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2-Dibromoethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2-Dichloroethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,2-Dichloropropane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,3-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
1,4-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
2-Butanone	BRL	0.028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
2-Hexanone	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
4-Methyl-2-pentanone	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Acetone	BRL	0.055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Benzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Bromodichloromethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Bromoform	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Bromomethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Carbon disulfide	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Carbon tetrachloride	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Chlorobenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Chloroethane	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Chloroform	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Chloromethane	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
cis-1,2-Dichloroethene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
cis-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Cyclohexane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Dibromochloromethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Dichlorodifluoromethane	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Ethylbenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Freon-113	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Isopropylbenzene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
m,p-Xylene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Methyl acetate	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Methyl tert-butyl ether	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Methylcyclohexane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Methylene chloride	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
o-Xylene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-6 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 4:20:00 PM
Lab ID:	1107569-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Tetrachloroethene	0.044	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Toluene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
trans-1,2-Dichloroethene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
trans-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Trichloroethene	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Trichlorofluoromethane	BRL	0.0028		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Vinyl chloride	BRL	0.0055		mg/Kg-dry	148858	1	07/12/2011 13:08	JE
Surr: 4-Bromofluorobenzene	96.3	56-137		%REC	148858	1	07/12/2011 13:08	JE
Surr: Dibromofluoromethane	94.3	73.7-137		%REC	148858	1	07/12/2011 13:08	JE
Surr: Toluene-d8	94.9	69.2-126		%REC	148858	1	07/12/2011 13:08	JE
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R201065	1	07/14/2011 09:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-13W (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:50:00 PM
Lab ID:	1107569-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,1,2,2-Tetrachloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,1,2-Trichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,1-Dichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,1-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2,4-Trichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2-Dibromo-3-chloropropane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2-Dibromoethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2-Dichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,2-Dichloropropane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,3-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
1,4-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
2-Butanone	BRL	0.033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
2-Hexanone	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
4-Methyl-2-pentanone	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Acetone	BRL	0.066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Benzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Bromodichloromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Bromoform	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Bromomethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Carbon disulfide	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Carbon tetrachloride	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Chlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Chloroethane	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Chloroform	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Chloromethane	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
cis-1,2-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
cis-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Cyclohexane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Dibromochloromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Dichlorodifluoromethane	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Ethylbenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Freon-113	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Isopropylbenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
m,p-Xylene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Methyl acetate	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Methyl tert-butyl ether	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Methylcyclohexane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Methylene chloride	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
o-Xylene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-13W (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:50:00 PM
Lab ID:	1107569-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Tetrachloroethene	0.11	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Toluene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
trans-1,2-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
trans-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Trichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Trichlorofluoromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Vinyl chloride	BRL	0.0066		mg/Kg-dry	148858	1	07/11/2011 22:29	JE
Surr: 4-Bromofluorobenzene	81.5	56-137		%REC	148858	1	07/11/2011 22:29	JE
Surr: Dibromofluoromethane	97.8	73.7-137		%REC	148858	1	07/11/2011 22:29	JE
Surr: Toluene-d8	91.3	69.2-126		%REC	148858	1	07/11/2011 22:29	JE
PERCENT MOISTURE D2216								
Percent Moisture	13.5	0		wt%	R201065	1	07/14/2011 09:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-14 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:00:00 PM
Lab ID:	1107569-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,1,2,2-Tetrachloroethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,1,2-Trichloroethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,1-Dichloroethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,1-Dichloroethene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2,4-Trichlorobenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2-Dibromo-3-chloropropane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2-Dibromoethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2-Dichloroethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,2-Dichloropropane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,3-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
1,4-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
2-Butanone	BRL	0.032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
2-Hexanone	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
4-Methyl-2-pentanone	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Acetone	0.085	0.065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Benzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Bromodichloromethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Bromoform	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Bromomethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Carbon disulfide	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Carbon tetrachloride	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Chlorobenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Chloroethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Chloroform	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Chloromethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
cis-1,2-Dichloroethene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
cis-1,3-Dichloropropene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Cyclohexane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Dibromochloromethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Dichlorodifluoromethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Ethylbenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Freon-113	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Isopropylbenzene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
m,p-Xylene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Methyl acetate	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Methyl tert-butyl ether	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Methylcyclohexane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Methylene chloride	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
o-Xylene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-14 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:00:00 PM
Lab ID:	1107569-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Tetrachloroethene	7.5	1.6		mg/Kg-dry	148858	500	07/14/2011 13:14	MC
Toluene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
trans-1,2-Dichloroethene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
trans-1,3-Dichloropropene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Trichloroethene	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Trichlorofluoromethane	BRL	0.0032		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Vinyl chloride	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 22:55	JE
Surr: 4-Bromofluorobenzene	76.6	56-137		%REC	148858	1	07/11/2011 22:55	JE
Surr: 4-Bromofluorobenzene	93.8	56-137		%REC	148858	500	07/14/2011 13:14	MC
Surr: Dibromofluoromethane	95	73.7-137		%REC	148858	1	07/11/2011 22:55	JE
Surr: Dibromofluoromethane	99.6	73.7-137		%REC	148858	500	07/14/2011 13:14	MC
Surr: Toluene-d8	89.3	69.2-126		%REC	148858	1	07/11/2011 22:55	JE
Surr: Toluene-d8	101	69.2-126		%REC	148858	500	07/14/2011 13:14	MC
PERCENT MOISTURE D2216								
Percent Moisture	7.18	0		wt%	R201065	1	07/14/2011 09:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-15 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:20:00 PM
Lab ID:	1107569-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,1,2,2-Tetrachloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,1,2-Trichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,1-Dichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,1-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2,4-Trichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2-Dibromo-3-chloropropane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2-Dibromoethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2-Dichloroethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,2-Dichloropropane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,3-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
1,4-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
2-Butanone	BRL	0.033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
2-Hexanone	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
4-Methyl-2-pentanone	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Acetone	BRL	0.065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Benzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Bromodichloromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Bromoform	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Bromomethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Carbon disulfide	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Carbon tetrachloride	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Chlorobenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Chloroethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Chloroform	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Chloromethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
cis-1,2-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
cis-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Cyclohexane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Dibromochloromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Dichlorodifluoromethane	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Ethylbenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Freon-113	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Isopropylbenzene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
m,p-Xylene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Methyl acetate	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Methyl tert-butyl ether	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Methylcyclohexane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Methylene chloride	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
o-Xylene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-15 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 2:20:00 PM
Lab ID:	1107569-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Tetrachloroethene	0.018	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Toluene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
trans-1,2-Dichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
trans-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Trichloroethene	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Trichlorofluoromethane	BRL	0.0033		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Vinyl chloride	BRL	0.0065		mg/Kg-dry	148858	1	07/11/2011 23:20	JE
Surr: 4-Bromofluorobenzene	94.4	56-137		%REC	148858	1	07/11/2011 23:20	JE
Surr: Dibromofluoromethane	99	73.7-137		%REC	148858	1	07/11/2011 23:20	JE
Surr: Toluene-d8	99.8	69.2-126		%REC	148858	1	07/11/2011 23:20	JE
PERCENT MOISTURE D2216								
Percent Moisture	8.13	0		wt%	R201065	1	07/14/2011 09:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-17 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 4:50:00 PM
Lab ID:	1107569-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,1,2,2-Tetrachloroethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,1,2-Trichloroethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,1-Dichloroethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,1-Dichloroethene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2,4-Trichlorobenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2-Dibromo-3-chloropropane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2-Dibromoethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2-Dichlorobenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2-Dichloroethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,2-Dichloropropane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,3-Dichlorobenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
1,4-Dichlorobenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
2-Butanone	BRL	0.030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
2-Hexanone	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
4-Methyl-2-pentanone	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Acetone	BRL	0.060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Benzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Bromodichloromethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Bromoform	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Bromomethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Carbon disulfide	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Carbon tetrachloride	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Chlorobenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Chloroethane	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Chloroform	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Chloromethane	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
cis-1,2-Dichloroethene	0.0055	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
cis-1,3-Dichloropropene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Cyclohexane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Dibromochloromethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Dichlorodifluoromethane	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Ethylbenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Freon-113	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Isopropylbenzene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
m,p-Xylene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Methyl acetate	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Methyl tert-butyl ether	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Methylcyclohexane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Methylene chloride	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
o-Xylene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Jul-11

Client:	Genesis Project, Inc.	**Client Sample ID:**	SB-17 (0-2)
Project Name:	Vogue Cleaners	**Collection Date:**	7/7/2011 4:50:00 PM
Lab ID:	1107569-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Tetrachloroethene	0.019	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Toluene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
trans-1,2-Dichloroethene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
trans-1,3-Dichloropropene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Trichloroethene	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Trichlorofluoromethane	BRL	0.0030		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Vinyl chloride	BRL	0.0060		mg/Kg-dry	148858	1	07/11/2011 23:46	JE
Surr: 4-Bromofluorobenzene	97.6	56-137		%REC	148858	1	07/11/2011 23:46	JE
Surr: Dibromofluoromethane	96.3	73.7-137		%REC	148858	1	07/11/2011 23:46	JE
Surr: Toluene-d8	94.6	69.2-126		%REC	148858	1	07/11/2011 23:46	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R201065	1	07/14/2011 09:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Generis Work Order Number 1107569

Checklist completed by Mah 7/8/11
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.4° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148779

Sample ID: **MB-148779** Client ID: Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4193901**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148779

Sample ID: **MB-148779** Client ID: Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4193901**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.54	0	50	0	91.1	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.01	0	50	0	96	80.7	129	0	0	0	
Surr: Toluene-d8	51.76	0	50	0	104	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148779

Sample ID: **LCS-148779** Client ID: Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4193899**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.84	5.0	50	0	89.7	60	140	0	0	0	
Benzene	50.02	5.0	50	0	100	70	130	0	0	0	
Chlorobenzene	48.16	5.0	50	0	96.3	70	130	0	0	0	
Toluene	52.26	5.0	50	0	105	70	130	0	0	0	
Trichloroethene	50.15	5.0	50	0	100	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	49.50	0	50	0	99	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.89	0	50	0	97.8	80.7	129	0	0	0	
Surr: Toluene-d8	52.47	0	50	0	105	71.1	120	0	0	0	

Sample ID: **1107342-001AMS** Client ID: Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4194039**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.98	5.0	50	0	110	46.2	183	0	0	0	
Benzene	64.16	5.0	50	0	128	62.2	143	0	0	0	
Chlorobenzene	59.95	5.0	50	0	120	72.2	137	0	0	0	
Toluene	68.98	5.0	50	0	138	57.8	149	0	0	0	
Trichloroethene	61.86	5.0	50	0	124	70.5	149	0	0	0	
Surr: 4-Bromofluorobenzene	50.99	0	50	0	102	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.35	0	50	0	101	80.7	129	0	0	0	
Surr: Toluene-d8	57.19	0	50	0	114	71.1	120	0	0	0	

Sample ID: **1107342-001AMSD** Client ID: Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4194040**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.34	5.0	50	0	103	46.2	183	54.98	6.85	20	
Benzene	58.55	5.0	50	0	117	62.2	143	64.16	9.14	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148779

Sample ID: **1107342-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **07/09/2011** Run No: **200764**
BatchID: **148779** Analysis Date: **07/09/2011** Seq No: **4194040**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.79	5.0	50	0	110	72.2	137	59.95	8.99	20	
Toluene	62.37	5.0	50	0	125	57.8	149	68.98	10.1	20	
Trichloroethene	57.06	5.0	50	0	114	70.5	149	61.86	8.07	20	
Surr: 4-Bromofluorobenzene	50.28	0	50	0	101	64.7	130	50.99	0	0	
Surr: Dibromofluoromethane	50.95	0	50	0	102	80.7	129	50.35	0	0	
Surr: Toluene-d8	55.49	0	50	0	111	71.1	120	57.19	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148858

Sample ID: **MB-148858** Client ID: Units: **mg/Kg** Prep Date: **07/11/2011** Run No: **200814**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196384**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.050	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	0.010	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	0.010	0	0	0	0	0	0	0	0	
Acetone	BRL	0.10	0	0	0	0	0	0	0	0	
Benzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromoform	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromomethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	0.010	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.0050	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloroethane	BRL	0.010	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloromethane	BRL	0.010	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148858

Sample ID: **MB-148858** Client ID: Units: **mg/Kg** Prep Date: **07/11/2011** Run No: **200814**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196384**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	0.010	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Freon-113	BRL	0.010	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	0.0050	0	0	0	0	0	0	0	0	
o-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Styrene	BRL	0.0050	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Toluene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.010	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	0.04665	0	0.05	0	93.3	56	137	0	0	0	
Surr: Dibromofluoromethane	0.04692	0	0.05	0	93.8	73.7	137	0	0	0	
Surr: Toluene-d8	0.04671	0	0.05	0	93.4	69.2	126	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148858

Sample ID: **LCS-148858** Client ID: Units: **mg/Kg** Prep Date: **07/11/2011** Run No: **200814**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196385**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.04271	0.0050	0.05	0	85.4	60	140	0	0	0	
Benzene	0.05313	0.0050	0.05	0	106	70	130	0	0	0	
Chlorobenzene	0.05410	0.0050	0.05	0	108	70	130	0	0	0	
Toluene	0.05163	0.0050	0.05	0	103	70	130	0	0	0	
Trichloroethene	0.05332	0.0050	0.05	0	107	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	0.04640	0	0.05	0	92.8	56	137	0	0	0	
Surr: Dibromofluoromethane	0.04633	0	0.05	0	92.7	73.7	137	0	0	0	
Surr: Toluene-d8	0.04680	0	0.05	0	93.6	69.2	126	0	0	0	

Sample ID: **1107324-011AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **07/11/2011** Run No: **200814**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196387**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06419	0.0078	0.0776	0	82.7	55.2	163	0	0	0	
Benzene	0.08228	0.0078	0.0776	0	106	67.4	144	0	0	0	
Chlorobenzene	0.08175	0.0078	0.0776	0	105	73.6	140	0	0	0	
Toluene	0.08239	0.0078	0.0776	0	106	64.6	145	0	0	0	
Trichloroethene	0.08040	0.0078	0.0776	0	104	70.1	149	0	0	0	
Surr: 4-Bromofluorobenzene	0.07309	0	0.0776	0	94.2	56	137	0	0	0	
Surr: Dibromofluoromethane	0.07115	0	0.0776	0	91.7	73.7	137	0	0	0	
Surr: Toluene-d8	0.07502	0	0.0776	0	96.7	69.2	126	0	0	0	

Sample ID: **1107324-011AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **07/11/2011** Run No: **200814**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196389**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06285	0.0078	0.0776	0	81	55.2	163	0.06419	2.1	34.9	
Benzene	0.08414	0.0078	0.0776	0	108	67.4	144	0.08228	2.24	27.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Genesis Project, Inc.
Project Name: Vogue Cleaners
Workorder: 1107569

ANALYTICAL QC SUMMARY REPORT

BatchID: 148858

Sample ID: **1107324-011AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **mg/Kg-dry** Prep Date: **07/11/2011** Run No: **200814**
BatchID: **148858** Analysis Date: **07/11/2011** Seq No: **4196389**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.08464	0.0078	0.0776	0	109	73.6	140	0.08175	3.47	33.4	
Toluene	0.08399	0.0078	0.0776	0	108	64.6	145	0.08239	1.92	26.8	
Trichloroethene	0.08076	0.0078	0.0776	0	104	70.1	149	0.08040	0.443	34	
Surr: 4-Bromofluorobenzene	0.07503	0	0.0776	0	96.7	56	137	0.07309	0	0	
Surr: Dibromofluoromethane	0.07216	0	0.0776	0	93	73.7	137	0.07115	0	0	
Surr: Toluene-d8	0.07503	0	0.0776	0	96.7	69.2	126	0.07502	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

18 July 2011

Mr. Jim Fineis
Atlas Geo-Sampling Company
120 Nottaway Lane
Alpharetta, GA 30009

H&P Project: AG071211-13
Client Project: Morgan Stanley / Vogue Cleaners

Dear Mr. Jim Fineis:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 12-Jul-11 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

Mobile Geochemistry Inc.

2470 Impala Drive
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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DRAFT: SV-2	E107032-02	Vapor	07-Jul-11	12-Jul-11
DRAFT: SV-3	E107032-03	Vapor	07-Jul-11	12-Jul-11
DRAFT: SV-4	E107032-04	Vapor	07-Jul-11	12-Jul-11
DRAFT: EQ-1	E107032-05	Vapor	07-Jul-11	12-Jul-11

H&P Mobile Geochemistry Inc.

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: SV-2 (E107032-02) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Dichlorodifluoromethane (F12)	ND	50	ug/m3	10	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	26	"	"	"	"	"	"	
Bromomethane	ND	160	"	"	"	"	"	"	
Chloroethane	ND	80	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	57	"	"	"	"	"	"	
Acetone	**430**	240	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	**89**	63	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	80	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	300	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Chloroform	ND	50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	41	"	"	"	"	"	"	
Benzene	**110**	32	"	"	"	"	"	"	
Carbon tetrachloride	ND	64	"	"	"	"	"	"	
Trichloroethene	ND	55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	94	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**280**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	83	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**15000**	69	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	78	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	47	"	"	"	"	"	"	
Ethylbenzene	**46**	44	"	"	"	"	"	"	
m,p-Xylene	**140**	88	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	

H&P Mobile Geochemistry Inc.

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: SV-2 (E107032-02) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
o-Xylene	ND	44	ug/m3	10	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.3 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*		*77-127*	"	"	"	"	
DRAFT: SV-3 (E107032-03) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Dichlorodifluoromethane (F12)	ND	500	ug/m3	100	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Chloromethane	ND	210	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	710	"	"	"	"	"	"	
Vinyl chloride	ND	260	"	"	"	"	"	"	
Bromomethane	ND	1600	"	"	"	"	"	"	
Chloroethane	ND	800	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	570	"	"	"	"	"	"	
Acetone	ND	2400	"	"	"	"	"	"	
1,1-Dichloroethene	ND	400	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	770	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	350	"	"	"	"	"	"	
Carbon disulfide	ND	630	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	800	"	"	"	"	"	"	
1,1-Dichloroethane	ND	410	"	"	"	"	"	"	
2-Butanone (MEK)	ND	3000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1300**	400	"	"	"	"	"	"	
Chloroform	ND	500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	550	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	410	"	"	"	"	"	"	
Benzene	ND	320	"	"	"	"	"	"	
Carbon tetrachloride	ND	640	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: SV-3 (E107032-03) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Trichloroethene	**10000**	550	ug/m3	100	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
1,2-Dichloropropane	ND	940	"	"	"	"	"	"	
Bromodichloromethane	ND	680	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	830	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
Toluene	ND	380	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	550	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	830	"	"	"	"	"	"	
Dibromochloromethane	ND	860	"	"	"	"	"	"	
Tetrachloroethene	**420000**	6900	"	1000	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	780	"	100	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
Chlorobenzene	ND	470	"	"	"	"	"	"	
Ethylbenzene	ND	440	"	"	"	"	"	"	
m,p-Xylene	ND	880	"	"	"	"	"	"	
Styrene	ND	430	"	"	"	"	"	"	
o-Xylene	ND	440	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
4-Ethyltoluene	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	750	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*77-127*	"	"	"	"	

H&P Mobile Geochemistry Inc.

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: SV-4 (E107032-04) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Dichlorodifluoromethane (F12)	ND	500	ug/m3	100	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Chloromethane	ND	210	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	710	"	"	"	"	"	"	
Vinyl chloride	ND	260	"	"	"	"	"	"	
Bromomethane	ND	1600	"	"	"	"	"	"	
Chloroethane	ND	800	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	570	"	"	"	"	"	"	
Acetone	ND	2400	"	"	"	"	"	"	
1,1-Dichloroethene	ND	400	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	770	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	350	"	"	"	"	"	"	
Carbon disulfide	ND	630	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	800	"	"	"	"	"	"	
1,1-Dichloroethane	ND	410	"	"	"	"	"	"	
2-Butanone (MEK)	ND	3000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	400	"	"	"	"	"	"	
Chloroform	ND	500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	550	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	410	"	"	"	"	"	"	
Benzene	ND	320	"	"	"	"	"	"	
Carbon tetrachloride	ND	640	"	"	"	"	"	"	
Trichloroethene	**770**	550	"	"	"	"	"	"	
1,2-Dichloropropane	ND	940	"	"	"	"	"	"	
Bromodichloromethane	ND	680	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	830	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
Toluene	ND	380	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	550	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	830	"	"	"	"	"	"	
Dibromochloromethane	ND	860	"	"	"	"	"	"	
Tetrachloroethene	**66000**	690	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	780	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
Chlorobenzene	ND	470	"	"	"	"	"	"	
Ethylbenzene	ND	440	"	"	"	"	"	"	
m,p-Xylene	ND	880	"	"	"	"	"	"	
Styrene	ND	430	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: SV-4 (E107032-04) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
o-Xylene	ND	440	ug/m3	100	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
4-Ethyltoluene	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	750	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*		*77-127*	"	"	"	"	
DRAFT: EQ-1 (E107032-05) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
Chloromethane	**2.3**	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.7	"	"	"	"	"	"	
Acetone	**100**	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DRAFT: EQ-1 (E107032-05) Vapor Sampled: 07-Jul-11 Received: 12-Jul-11									
Trichloroethene	ND	5.5	ug/m3	1	EG11504	15-Jul-11	15-Jul-11	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**11**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**180**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**9.7**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	7.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	11	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*77-127*	"	"	"	"	

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Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG11504 - TO-15										
Blank (EG11504-BLK1)				Prepared & Analyzed: 15-Jul-11						
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.7	"							
Acetone	ND	24	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							
cis-1,2-Dichloroethene	ND	4.0	"							
Chloroform	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							

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120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
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DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG11504 - TO-15										
Blank (EG11504-BLK1)				Prepared & Analyzed: 15-Jul-11						
Chlorobenzene	ND	4.7	ug/m3							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	7.5	"							
Hexachlorobutadiene	ND	11	"							
Surrogate: 1,2-Dichloroethane-d4	*206*		*"*	*214*		*96.3*	*76-134*			
Surrogate: Toluene-d8	*205*		*"*	*207*		*99.1*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*347*		*"*	*365*		*95.3*	*77-127*			
LCS (EG11504-BS1)				Prepared & Analyzed: 15-Jul-11						
Dichlorodifluoromethane (F12)	83	5.0	ug/m3	101		82.7	65-135			
Vinyl chloride	40	2.6	"	52.0		76.6	65-135			
Chloroethane	46	8.0	"	53.6		86.2	65-135			
Trichlorofluoromethane (F11)	90	5.7	"	113		79.7	65-135			
1,1-Dichloroethene	62	4.0	"	80.8		76.8	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	140	7.7	"	155		87.8	65-135			
Methylene chloride (Dichloromethane)	55	3.5	"	70.8		77.3	65-135			
trans-1,2-Dichloroethene	62	8.0	"	80.8		76.4	65-135			
1,1-Dichloroethane	69	4.1	"	82.4		84.3	65-135			
cis-1,2-Dichloroethene	59	4.0	"	80.0		74.1	65-135			
Chloroform	85	5.0	"	99.2		85.5	65-135			
1,1,1-Trichloroethane	94	5.5	"	111		84.8	65-135			
1,2-Dichloroethane (EDC)	68	4.1	"	82.4		83.0	65-135			

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DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG11504 - TO-15										
LCS (EG11504-BS1)				Prepared & Analyzed: 15-Jul-11						
Benzene	53	3.2	ug/m3	64.8		82.4	65-135			
Carbon tetrachloride	110	6.4	"	128		88.2	65-135			
Trichloroethene	97	5.5	"	110		88.3	65-135			
Toluene	63	3.8	"	76.8		82.5	65-135			
1,1,2-Trichloroethane	99	5.5	"	111		89.2	65-135			
Tetrachloroethene	120	6.9	"	138		83.5	65-135			
1,1,1,2-Tetrachloroethane	150	7.0	"	140		107	65-135			
Ethylbenzene	85	4.4	"	88.4		95.8	65-135			
m,p-Xylene	180	8.8	"	177		101	65-135			
o-Xylene	93	4.4	"	88.4		106	65-135			
1,1,2,2-Tetrachloroethane	170	7.0	"	140		118	65-135			
Surrogate: 1,2-Dichloroethane-d4	*206*		*"*	*214*		*96.3*	*76-134*			
Surrogate: Toluene-d8	*201*		*"*	*207*		*97.2*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*383*		*"*	*365*		*105*	*77-127*			
LCS Dup (EG11504-BSD1)				Prepared & Analyzed: 15-Jul-11						
Dichlorodifluoromethane (F12)	88	5.0	ug/m3	101		87.0	65-135	5.10	35	
Vinyl chloride	46	2.6	"	52.0		89.2	65-135	15.3	35	
Chloroethane	49	8.0	"	53.6		91.2	65-135	5.63	35	
Trichlorofluoromethane (F11)	91	5.7	"	113		80.7	65-135	1.26	35	
1,1-Dichloroethene	63	4.0	"	80.8		78.1	65-135	1.74	35	
1,1,2-Trichlorotrifluoroethane (F113)	130	7.7	"	155		83.4	65-135	5.11	35	
Methylene chloride (Dichloromethane)	55	3.5	"	70.8		77.2	65-135	0.129	35	
trans-1,2-Dichloroethene	62	8.0	"	80.8		76.3	65-135	0.130	35	
1,1-Dichloroethane	69	4.1	"	82.4		83.5	65-135	0.950	35	
cis-1,2-Dichloroethene	58	4.0	"	80.0		71.9	65-135	3.03	35	
Chloroform	82	5.0	"	99.2		82.7	65-135	3.32	35	
1,1,1-Trichloroethane	90	5.5	"	111		81.4	65-135	4.18	35	
1,2-Dichloroethane (EDC)	66	4.1	"	82.4		80.0	65-135	3.73	35	
Benzene	53	3.2	"	64.8		82.4	65-135	0.00	35	
Carbon tetrachloride	110	6.4	"	128		86.5	65-135	2.00	35	
Trichloroethene	98	5.5	"	110		89.8	65-135	1.68	35	
Toluene	63	3.8	"	76.8		82.1	65-135	0.544	35	

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DRAFT: Volatile Organic Compounds by EPA TO-15 - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG11504 - TO-15										
LCS Dup (EG11504-BSD1)				Prepared & Analyzed: 15-Jul-11						
1,1,2-Trichloroethane	100	5.5	ug/m3	111		90.0	65-135	0.886	35	
Tetrachloroethene	120	6.9	"	138		84.3	65-135	0.888	35	
1,1,1,2-Tetrachloroethane	140	7.0	"	140		103	65-135	3.74	35	
Ethylbenzene	83	4.4	"	88.4		94.3	65-135	1.62	35	
m,p-Xylene	180	8.8	"	177		100	65-135	0.915	35	
o-Xylene	94	4.4	"	88.4		106	65-135	0.612	35	
1,1,2,2-Tetrachloroethane	160	7.0	"	140		117	65-135	1.15	35	
Surrogate: 1,2-Dichloroethane-d4	*199*		*"*	*214*		*93.0*	*76-134*			
Surrogate: Toluene-d8	*203*		*"*	*207*		*98.1*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*386*		*"*	*365*		*106*	*77-127*			

Mobile Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Atlas Geo-Sampling Company	Project: AG071211-13	
120 Nottaway Lane	Project Number: Morgan Stanley / Vogue Cleaners	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	18-Jul-11 08:47

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A
Hexachlorobutadiene by EPA TO-15 & TO-14A
1,2,4-Trimethylbenzene by EPA TO -14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A
1,3,5-Trimethylbenzene by EPA TO -14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A
Benzene by EPA TO-15 & TO-14A
Chlorobenzene by EPA TO-15 & TO-14A
Ethyl benzene by EPA TO-15 & TO-14A
Styrene by EPA TO-15 & TO-14A
Toluene by EPA TO-15 & TO-14A
Total Xylenes by EPA TO-15 & TO-14A
1,1,1-Trichloroethane by EPA TO-15 & TO-14A
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A
1,1,2-Trichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethene by EPA TO-15 & TO-14A
1,2-Dichloroethane by EPA TO-15 & TO-14A
1,2-Dichloropropane by EPA TO-15 & TO-14A
Bromoform by EPA TO-15
Bromomethane by EPA TO-15 & TO-14A
Carbon tetrachloride by EPA TO-15 & TO-14A
Chloroethane by EPA TO-15
Chloroform by EPA TO-15 & TO-14A
Chloromethane by EPA TO-15 & TO-14A
cis-1,2-Dichloroethene by EPA TO-15
cis-1,2-Dichloropropene by EPA TO-15 & TO-14A
Methylene chloride by EPA TO -15 & TO-14A
Tetrachloroethane by EPA TO-15 & TO-14A
trans-1,2-Dichloroethene by EPA TO-15
trans-1,2-Dichloropropene by EPA TO-15 & TO-14A
Trichloroethene by EPA TO-15 & TO-14A
Vinyl chloride by EPA TO -15 & TO-14A
2-Butanone by EPA TO-15
4-Methyl-2-Pentanone by EPA TO-15
Hexane by EPA TO-15
Methyl tert-butyl ether by EPA TO-15
Vinyl acetate by EPA TO-15

This certification applies to samples analyzed in summa canisters.

Analytical Environmental Services, Inc.

Date: *05-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	EA-1
Lab Order:	0005086	**Tag Number:**	EXCAVATION
Project:	Vogue Cleaner/1525-0180	**Collection Date:**	5/3/00 3:30:00 PM
Lab ID:	0005086-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **AB**
Tetrachloroethene	61	2.9		µg/Kg	1	5/4/00 1:26:00 PM
Trichloroethene	64	2.9		µg/Kg	1	5/4/00 1:26:00 PM
Surr: 4-Bromofluorobenzene	83.8	70-112		%REC	1	5/4/00 1:26:00 PM
Surr: Dibromofluoromethane	101	67-133		%REC	1	5/4/00 1:26:00 PM
Surr: Toluene-d8	97.7	80-121		%REC	1	5/4/00 1:26:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *15-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	EA - 3
Lab Order:	0005282	**Tag Number:**	EXCAVATION WALL
Project:	Vogue Cleaners	**Collection Date:**	5/11/00 2:00:00 PM
Lab ID:	0005282-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **AB**
Tetrachloroethene	BRL	230		µg/Kg	50	5/15/00 10:08:00 AM
Trichloroethene	BRL	230		µg/Kg	50	5/15/00 10:08:00 AM
Surr: 4-Bromofluorobenzene	100	70-112		%REC	50	5/15/00 10:08:00 AM
Surr: Dibromofluoromethane	95.5	67-133		%REC	50	5/15/00 10:08:00 AM
Surr: Toluene-d8	97.0	80-121		%REC	50	5/15/00 10:08:00 AM

Qualifiers:

- BRL - Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *15-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	EA - 4
Lab Order:	0005282	**Tag Number:**	EXCAVATION WALL
Project:	Vogue Cleaners	**Collection Date:**	5/11/00 1:30:00 PM
Lab ID:	0005282-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **AB**
Tetrachloroethene	BRL	250		µg/Kg	50	5/15/00 10:52:00 AM
Trichloroethene	BRL	250		µg/Kg	50	5/15/00 10:52:00 AM
Surr: 4-Bromofluorobenzene	101	70-112		%REC	50	5/15/00 10:52:00 AM
Surr: Dibromofluoromethane	94.7	67-133		%REC	50	5/15/00 10:52:00 AM
Surr: Toluene-d8	96.3	80-121		%REC	50	5/15/00 10:52:00 AM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *15-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	EA - 5
Lab Order:	0005282	**Tag Number:**	EXCAVATION WALL
Project:	Vogue Cleaners	**Collection Date:**	5/11/00 1:45:00 PM
Lab ID:	0005282-003A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **MJL**
Tetrachloroethene	430	240		µg/Kg	50	5/15/00 3:36:00 PM
Trichloroethene	BRL	240		µg/Kg	50	5/15/00 3:36:00 PM
Surr: 4-Bromofluorobenzene	99.1	70-112		%REC	50	5/15/00 3:36:00 PM
Surr: Dibromofluoromethane	97.7	67-133		%REC	50	5/15/00 3:36:00 PM
Surr: Toluene-d8	97.7	80-121		%REC	50	5/15/00 3:36:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *15-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	EA - 6
Lab Order:	0005282	**Tag Number:**	EXCAVATION WALL
Project:	Vogue Cleaners	**Collection Date:**	5/11/00 1:01:00 PM
Lab ID:	0005282-004A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **MJL**
Tetrachloroethene	BRL	240		µg/Kg	50	5/15/00 4:20:00 PM
Trichloroethene	BRL	240		µg/Kg	50	5/15/00 4:20:00 PM
Surr: 4-Bromofluorobenzene	99.7	70-112		%REC	50	5/15/00 4:20:00 PM
Surr: Dibromofluoromethane	95.8	67-133		%REC	50	5/15/00 4:20:00 PM
Surr: Toluene-d8	96.6	80-121		%REC	50	5/15/00 4:20:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *28-Apr-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	ESB-01 C03
Lab Order:	0004501	**Tag Number:**	
Project:	Vogue Cleaner	**Collection Date:**	4/24/00 10:30:00 AM
Lab ID:	0004501-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **MJL**
Tetrachloroethene	43	22		µg/Kg	1	4/27/00 3:55:00 PM
Trichloroethene	BRL	22		µg/Kg	1	4/27/00 3:55:00 PM
Surr: 4-Bromofluorobenzene	92.7	70-112		%REC	1	4/27/00 3:55:00 PM
Surr: Dibromofluoromethane	101	67-133		%REC	1	4/27/00 3:55:00 PM
Surr: Toluene-d8	99.5	80-121		%REC	1	4/27/00 3:55:00 PM

Qualifiers:

- BRL-Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding Time exceeded

Analytical Environmental Services, Inc.

Date: *28-Apr-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	ESB-04 C03
Lab Order:	0004501	**Tag Number:**	
Project:	Vogue Cleaner	**Collection Date:**	4/25/00 10:00:00 AM
Lab ID:	0004501-004A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS	**SW8260B**					Analyst: **MJL**
Tetrachloroethene	38	22		µg/Kg	1	4/27/00 6:08:00 PM
Trichloroethene	BRL	22		µg/Kg	1	4/27/00 6:08:00 PM
Surr: 4-Bromofluorobenzene	90.9	70-112		%REC	1	4/27/00 6:08:00 PM
Surr: Dibromofluoromethane	101	67-133		%REC	1	4/27/00 6:08:00 PM
Surr: Toluene-d8	99.7	80-121		%REC	1	4/27/00 6:08:00 PM

Qualifiers:

BRL-Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding Time exceeded

Analytical Environmental Services, Inc.

Date: *18-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	ESB-8
Lab Order:	0005230	**Tag Number:**	
Project:	Vogue Cleaners	**Collection Date:**	5/10/00 10:45:00 AM
Lab ID:	0005230-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **MJL**
Tetrachloroethene	BRL	250		µg/Kg	50	5/15/00 5:05:00 PM
Trichloroethene	BRL	250		µg/Kg	50	5/15/00 5:05:00 PM
Surr: 4-Bromofluorobenzene	98.1	70-112		%REC	50	5/15/00 5:05:00 PM
Surr: Dibromofluoromethane	98.7	67-133		%REC	50	5/15/00 5:05:00 PM
Surr: Toluene-d8	97.6	80-121		%REC	50	5/15/00 5:05:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analytical Environmental Services, Inc.

Date: *18-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	ESB-9
Lab Order:	0005322	**Tag Number:**	Outside wall
Project:	Vogue Cleaners	**Collection Date:**	5/15/00 4:00:00 PM
Lab ID:	0005322-001A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **AB**
Tetrachloroethene	170	8.5		µg/Kg	1	5/16/00 6:21:00 PM
Trichloroethene	44	8.5		µg/Kg	1	5/16/00 6:21:00 PM
Surr: 4-Bromofluorobenzene	97.9	70-112		%REC	1	5/16/00 6:21:00 PM
Surr: Dibromofluoromethane	98.1	67-133		%REC	1	5/16/00 6:21:00 PM
Surr: Toluene-d8	98.3	80-121		%REC	1	5/16/00 6:21:00 PM

Qualifiers:

- BRL-Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding Time exceeded

Analytical Environmental Services, Inc.

Date: *18-May-00*

CLIENT:	Williams Environmental Services, Inc	**Client Sample ID:**	ESB-10
Lab Order:	0005322	**Tag Number:**	Outside wall
Project:	Vogue Cleaners	**Collection Date:**	5/15/00 4:30:00 PM
Lab ID:	0005322-002A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **AB**
Tetrachloroethene	29	7.5		µg/Kg	1	5/17/00 8:43:00 PM
Trichloroethene	8.3	7.5		µg/Kg	1	5/17/00 8:43:00 PM
Surr: 4-Bromofluorobenzene	88.1	70-112		%REC	1	5/17/00 8:43:00 PM
Surr: Dibromofluoromethane	98.7	67-133		%REC	1	5/17/00 8:43:00 PM
Surr: Toluene-d8	98.0	80-121		%REC	1	5/17/00 8:43:00 PM

Qualifiers:

- BRL-Below Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding Time exceeded

SL **SAVANNAH LABORATORIES**
& ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165

LOG NO: S9-11565
Received: 11 MAR 99
Reported: 19 MAR 99

Mr. Greg Hall
Williams Engineering
500 Chase Park South, Suite 150
Birmingham, AL 35244

Requisition: 1525-0100
Contract No.: SQ98-0660
Project: Vogue Cleaners
Sampled By: Client
Code: 152390319

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
11565-2	MW-18 (2'-4')	03-10-99/0840
11565-3	MW-18 (6'-8')	03-10-99/0850

PARAMETER	11565-2	11565-3
Total Organic Carbon (9060)		
Total Organic Carbon, mg/kg dw	1100	410
Prep Date	03.18.99	03.18.99
Analysis Date	03.18.99	03.18.99
Batch ID	0318X	0318X
Dilution Factor	1.0	1.0

S ECIALIZED ASSAYS ENVIRONMENTAL
2.60 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013155

Sample ID: MW-1

Date Collected: 2/ 4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/10/98	20:33	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/10/98	20:33	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/10/98	20:33	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036

S CIALIZED ASSAYS ENVIRONMENTAL
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013155

Sample ID: MW-1
Project: 25392
Project Name: VOGUE CLEANERS
Sampler: CRAIG REASE
State Certification: 387

Date Collected: 2/4/98
Time Collected:
Date Received: 2/10/98
Time Received: 9:00
Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/10/98	20:33	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/10/98	20:33	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Tetrachloroethene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Toluene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/10/98	20:33	S. Wani	8260B	9036

ND = Not detected at the report limit.

S CIALIZED ASSAYS ENVIRONMENTAL
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013155

Sample ID: MW-1

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	83.4	70. - 131.
VOA Surrogate, Toluene d8	112.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	89.2	73. - 119.
VOA Surrogate, Dibromofluoromethane	98.8	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

3 ECIALIZED ASSAYS ENVIRONMENTAL
2 60 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013168

Sample ID: MW-2

Date Collected: 2/6/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	6:03	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	6:03	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	6:03	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
cis-1,2-Dichloroethene	468	ug/l	20	2	10	2/12/98	3:24	S. Wani	8260B	504
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036

IALIZED ASSAYS ENVIRONMENTAL
Foster Creighton Drive
ashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
COTT KENDALL
264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013168

ample ID: MW-2

Date Collected: 2/6/98

Project: 25392

Time Collected:

roject Name: VOGUE CLEANERS

Date Received: 2/10/98

ampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	6:03	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	6:03	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Tetrachloroethene	2950	ug/l	400	2	200	2/12/98	3:59	S. Wani	8260B	504
Toluene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Trichloroethene	90.4	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	6:03	S. Wani	8260B	9036

ND = Not detected at the report limit.

S CIALIZED ASSAYS ENVIRONMENTAL ANALYTICAL REPORT
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013168

Sample ID: MW-2
Project: 25392
Project Name: VOGUE CLEANERS
Sampler: CRAIG REASE
State Certification: 387

Date Collected: 2/6/98
Time Collected:
Date Received: 2/10/98
Time Received: 9:00
Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	98.5	70. - 131.
VOA Surrogate, Toluene d8	97.2	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	91.2	73. - 119.
VOA Surrogate, Dibromofluoromethane	102.	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

PECIALIZED ASSAYS ENVIRONMENTAL
960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013159

Sample ID: MW-4

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/10/98	22:55	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/10/98	22:55	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/10/98	22:55	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036

ECIALIZED ASSAYS ENVIRONMENTAL
50 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013159

Sample ID: MW-4

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/10/98	22:55	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/10/98	22:55	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Tetrachloroethene	15.2	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Toluene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/10/98	22:55	S. Wani	8260B	9036

ND = Not detected at the report limit.

S CIALIZED ASSAYS ENVIRONMENTAL
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013159

Sample ID: MW-4

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	86.5	70. - 131.
VOA Surrogate, Toluene d8	112.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	89.6	73. - 119.
VOA Surrogate, Dibromofluoromethane	101.	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

3 CIALIZED ASSAYS ENVIRONMENTAL
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013163

Sample ID: MW-5

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	1:18	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	1:18	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	1:18	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
cis-1,2-Dichloroethene	2.7	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036

SPECIALIZED ASSAYS ENVIRONMENTAL
2950 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013163

Sample ID: MW-5

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	1:18	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	1:18	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Tetrachloroethene	65.1	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Toluene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	1:18	S. Wani	8260B	9036

ND = Not detected at the report limit.

SPECIALIZED ASSAYS ENVIRONMENTAL
150 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013163

Sample ID: MW-5

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	91.2	70. - 131.
VOA Surrogate, Toluene d8	91.9	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	101.	73. - 119.
VOA Surrogate, Dibromofluoromethane	97.5	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS ENVIRONMENTAL
2 50 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013164

Sample ID: MW-5D

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	1:54	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	1:54	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	1:54	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036

SPECIALIZED ASSAYS ENVIRONMENTAL
2[illegible] Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013164

Sample ID: MW-5D

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	1:54	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	1:54	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Tetrachloroethene	411	ug/l	10	2	5	2/12/98	1:03	S. Wani	8260B	504
Toluene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Trichloroethene	3.6	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	1:54	S. Wani	8260B	9036

ND = Not detected at the report limit.

SPECIALIZED ASSAYS ENVIRONMENTAL
2[illegible] Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
1264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013164

Sample ID: MW-5D
Project: 25392
Project Name: VOGUE CLEANERS
Sampler: CRAIG REASE
State Certification: 387

Date Collected: 2/5/98
Time Collected:
Date Received: 2/10/98
Time Received: 9:00
Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	90.9	70. - 131.
VOA Surrogate, Toluene d8	100.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	93.8	73. - 119.
VOA Surrogate, Dibromofluoromethane	98.3	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

S ECIALIZED ASSAYS ENVIRONMENTAL
2.50 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013157

Sample ID: MW-6

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/10/98	21:44	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/10/98	21:44	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/10/98	21:44	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013157

Sample ID: MW-6

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/10/98	21:44	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/10/98	21:44	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Tetrachloroethene	6.3	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Toluene	6.5	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/10/98	21:44	S. Wani	8260B	9036

ND = Not detected at the report limit.

ECIALIZED ASSAYS ENVIRONMENTAL
60 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013157

Sample ID: MW-6

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	78.2	70. - 131.
VOA Surrogate, Toluene d8	107.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	90.1	73. - 119.
VOA Surrogate, Dibromofluoromethane	94.3	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS ENVIRONMENTAL
2150 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013158

Sample ID: MW-7

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/10/98	22:20	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/10/98	22:20	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/10/98	22:20	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036

S CIALIZED ASSAYS ENVIRONMENTAL
2 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013158

Sample ID: MW-7

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/10/98	22:20	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/10/98	22:20	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Tetrachloroethene	57	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Toluene	20.8	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/10/98	22:20	S. Wani	8260B	9036

ND = Not detected at the report limit.

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013158

Sample ID: MW-7

Date Collected: 2/4/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	77.9	70. - 131.
VOA Surrogate, Toluene d8	111.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	89.8	73. - 119.
VOA Surrogate, Dibromofluoromethane	95.7	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013167

Sample ID: MW-8

Date Collected: 2/ 6/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	3:41	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	3:41	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	3:41	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036

SI CIALIZED ASSAYS ENVIRONMENTAL
2( ) Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

* Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013167

Sample ID: MW-8
Project: 25392
Project Name: VOGUE CLEANERS
Sampler: CRAIG REASE
State Certification: 387

Date Collected: 2/6/98
Time Collected:
Date Received: 2/10/98
Time Received: 9:00
Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	3:41	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	3:41	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Tetrachloroethene	10000	ug/l	400	2	200	2/12/98	2:49	S. Wani	8260B	504
Toluene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Trichloroethene	4.4	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	3:41	S. Wani	8260B	9036

ND = Not detected at the report limit.

PI ALIZED ASSAYS ENVIRONMENTAL
9(Foster Creighton Drive
ashville, Tennessee 37204

ANALYTICAL REPORT

* riginal report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
OTT KENDALL
64 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013167

mple ID: MW-8

Date Collected: 2/6/98

Project: 25392

Time Collected:

oject Name: VOGUE CLEANERS

Date Received: 2/10/98

mpler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	101.	70. - 131.
VOA Surrogate, Toluene d8	102.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	93.9	73. - 119.
VOA Surrogate, Dibromofluoromethane	102.	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS ENVIRONMENTAL
2: 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013166

Sample ID: MW-8D

Date Collected: 2/6/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	3:05	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	3:05	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Chloroform	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	3:05	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036

S[illegible]IALIZED ASSAYS ENVIRONMENTAL
2[illegible]0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013166

Sample ID: MW-8D

Date Collected: 2/6/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	3:05	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	3:05	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Tetrachloroethene	3.8	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Toluene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	3:05	S. Wani	8260B	9036

ND = Not detected at the report limit.

SPECIALIZED ASSAYS ENVIRONMENTAL
2) Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013166

Sample ID: MW-8D

Date Collected: 2/6/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	92.3	70. - 131.
VOA Surrogate, Toluene d8	97.3	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	86.6	73. - 119.
VOA Surrogate, Dibromofluoromethane	96.1	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS ENVIRONMENTAL
2: 0 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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EARTH TECH 6499
SCOTT KENDALL
2264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013162

Sample ID: MW-12D

Date Collected: 2/5/98

Project: 25392

Time Collected:

Project Name: VOGUE CLEANERS

Date Received: 2/10/98

Sampler: CRAIG REASE

Time Received: 9:00

State Certification: 387

Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	2/11/98	0:42	S. Wani	8260B	9036
Benzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Bromobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Bromochloromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Bromoform	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Bromomethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
2-Butanone	ND	ug/l	10	10	1	2/11/98	0:42	S. Wani	8260B	9036
n-Butylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
sec-Butylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
t-Butylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Carbon disulfide	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Carbon tetrachloride	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Chlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Chloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
2-Chloroethylvinylether	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Chloroform	9.1	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Chloromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
2-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
4-Chlorotoluene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	2/11/98	0:42	S. Wani	8260B	9036
Dibromochloromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2-Dibromoethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Dibromomethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,3-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,4-Dichlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Dichlorodifluoromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1-Dichloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2-Dichloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1-Dichloroethene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036

SPECIALIZED ASSAYS ENVIRONMENTAL
2[illegible] Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
264 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013162

Sample ID: MW-12D
Project: 25392
Project Name: VOGUE CLEANERS
Sampler: CRAIG REASE
State Certification: 387

Date Collected: 2/5/98
Time Collected:
Date Received: 2/10/98
Time Received: 9:00
Sample Type: Ground water

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,3-Dichloropropane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
2,2-Dichloropropane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1-Dichloropropene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Ethylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Hexachlorobutadiene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
2-Hexanone	ND	ug/l	10	10	1	2/11/98	0:42	S. Wani	8260B	9036
Isopropylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
4-Isopropyltoluene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
4-Methyl-2-pentanone	ND	ug/l	10	10	1	2/11/98	0:42	S. Wani	8260B	9036
Methylene chloride	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Naphthalene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
n-Propylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Styrene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Tetrachloroethene	164	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Toluene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1,1-Trichloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,1,2-Trichloroethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Trichloroethene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2,3-Trichloropropane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Vinyl chloride	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Xylenes	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Bromodichloromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036
Trichlorofluoromethane	ND	ug/l	2	2	1	2/11/98	0:42	S. Wani	8260B	9036

ND = Not detected at the report limit.

SPECIALIZED ASSAYS ENVIRONMENTAL
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

Original report and a copy of the chain of custody will follow by mail.

EARTH TECH 6499
SCOTT KENDALL
2964 NORTHWEST PARKWAY SUITE E
MARIETTA, GA 30067

Lab Number: 98-A013162

Sample ID: MW-12D
Date Collected: 2/5/98

Project: 25392
Time Collected:

Project Name: VOGUE CLEANERS
Date Received: 2/10/98

Sampler: CRAIG REASE
Time Received: 9:00

State Certification: 387
Sample Type: Ground water

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	85.5	70. - 131.
VOA Surrogate, Toluene d8	110.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	93.0	73. - 119.
VOA Surrogate, Dibromofluoromethane	101.	72. - 130.

Report Approved By: _____ Report Date: 2/13/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
TTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002634
Sample ID: MW-1
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 14:52
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	14:32	S.Sturm	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	14:32	S.Sturm	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	14:32	S.Sturm	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002634
Sample ID: MW-1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	14:32	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	14:32	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Tetrachloroethene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	14:32	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichlorcethane, d4	124.	70. - 131.
VOA Surrogate, Toluene d8	98.1	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	76.8	73. - 119.
VOA Surrogate, Dibromofluoromethane	122.	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002634
Sample ID: MW-1

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
ATTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002643
Sample ID: MW-2
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 12:55
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	100	10	10	1/14/98	11:15	S.Sturn	8260B	6656
Benzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Bromobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Bromochloromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Bromoform	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Bromomethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
2-Butanone	ND	ug/l	100	10	10	1/14/98	11:15	S.Sturn	8260B	6656
n-Butylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
sec-Butylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
t-Butylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Carbon Disulfide	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Carbon tetrachloride	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Chlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Chloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
2-Chloroethylvinylether	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Chloroform	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Chloromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
2-Chlorotoluene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
4-Chlorotoluene	ND	ug/l	100	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	100	10	10	1/14/98	11:15	S.Sturn	8260B	6656
Dibromochloromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,2-Dibromoethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Dibromomethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
Dichlorodifluoromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,1-Dichloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,2-Dichloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,1-Dichloroethene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
cis-1,2-Dichloroethene	247	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,2-Dichloropropane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,3-Dichloropropane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
2,2-Dichloropropane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
1,1-Dichloropropene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturn	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002643
Sample ID: MW-2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	100	10	10	1/14/98	11:15	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	100	10	10	1/14/98	11:15	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Styrene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Tetrachloroethene	1680	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Toluene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Trichloroethene	55.9	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Xylenes	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	20	2	10	1/14/98	11:15	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	93.0	70. - 131.
VOA Surrogate, Toluene d8	111.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	89.0	73. - 119.
VOA Surrogate, Dibromofluoromethane	101.	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002643
Sample ID: MW-2

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
TTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002636
Sample ID: MW-4
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 15:45
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	15:42	S.Sturn	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	15:42	S.Sturn	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	15:42	S.Sturn	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturn	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002636
Sample ID: MW-4

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	15:42	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	15:42	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Tetrachloroethene	4.3	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	15:42	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	128.	70. - 131.
VOA Surrogate, Toluene d8	96.6	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	82.6	73. - 119.
VOA Surrogate, Dibromofluoromethane	122.	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002636
Sample ID: MW-4

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
ATTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002648
Sample ID: MW-5
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 12:45
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	22:41	S.Sturn	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	22:41	S.Sturn	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	22:41	S.Sturn	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturn	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002648
Sample ID: MW-5

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	22:41	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	22:41	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Tetrachloroethene	16	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	22:41	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	130.	70. - 131.
VOA Surrogate, Toluene d8	91.5	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	79.3	73. - 119.
VOA Surrogate, Dibromofluoromethane	126.	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002648
Sample ID: MW-5

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
TTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002644
Sample ID: MW-5D
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 12:20
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	20:21	S.Sturn	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	20:21	S.Sturn	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	20:21	S.Sturn	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002644
Sample ID: MW-5D

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	20:21	S.Sturn	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	20:21	S.Sturn	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Tetrachloroethene	1870	ug/l	20	2	10	1/14/98	14:06	S.Sturn	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Trichloroethene	2.5	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	20:21	S.Sturn	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	102.	70. - 131.
VOA Surrogate, Toluene d8	104.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	80.0	73. - 119.
VOA Surrogate, Dibromofluoromethane	99.8	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002644
Sample ID: MW-5D

Surrogate	% Recovery	Target Range

Report Approved By: Michael A. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
TTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002637
Sample ID: MW-6
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 16:15
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	16:17	S.Sturn	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	16:17	S.Sturn	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	16:17	S.Sturn	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturn	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002637
Sample ID: MW-6

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	16:17	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	16:17	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Tetrachloroethene	5.4	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	16:17	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	121.	70. - 131.
VOA Surrogate, Toluene d8	94.2	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	80.4	73. - 119.
VOA Surrogate, Dibromofluoromethane	120.	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002637
Sample ID: MW-6

Surrogate	% Recovery	Target Range

Report Approved By: Michael D. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
ATTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002638
Sample ID: MW-7
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 16:45
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	16:52	S.Sturm	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	16:52	S.Sturm	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	16:52	S.Sturm	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002638
Sample ID: MW-7

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	16:52	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	16:52	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Tetrachloroethene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	16:52	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	125.	70. - 131.
VOA Surrogate, Toluene d8	95.7	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	77.8	73. - 119.
VOA Surrogate, Dibromofluoromethane	122.	72. - 130.

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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002638
Sample ID: MW-7

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

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Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
ATTN: SEAN DOLAN
264 NW PARKWAY STE. E
MARIETTA, GA 30067

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Lab Number: 98-A002642
Sample ID: MW-8
Sample Type: Water
Site ID:

Date Collected: 1/ 8/98
Time Collected: 11:35
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	19:12	S.Sturm	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	19:12	S.Sturm	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	19:12	S.Sturm	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656

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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002642
Sample ID: MW-8

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	19:12	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	19:12	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Tetrachloroethene	1010	ug/l	20	2	10	1/14/98	13:31	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Trichloroethene	2.2	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	19:12	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	96.5	70. - 131.
VOA Surrogate, Toluene d8	103.	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	85.8	73. - 119.
VOA Surrogate, Dibromofluoromethane	98.0	72. - 130.

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002642
Sample ID: MW-8

Surrogate	% Recovery	Target Range

Report Approved By: Michael H. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

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Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

EARTH TECH 7336
ATTN: SEAN DOLAN
2264 NW PARKWAY STE. E
MARIETTA, GA 30067

Lab Number: 98-A002641
Sample ID: MW-8D
Sample Type: Water
Site ID:

Project: 25392
Project Name: VOGUE CLEANERS
Sampler: MARK GOLDSTEIN

Date Collected: 1/ 9/98
Time Collected: 12:35
Date Received: 1/10/98
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	ND	ug/l	10	10	1	1/13/98	18:37	S.Sturm	8260B	6656
Benzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Bromobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Bromochloromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Bromoform	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Bromomethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
2-Butanone	ND	ug/l	10	10	1	1/13/98	18:37	S.Sturm	8260B	6656
n-Butylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
sec-Butylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
t-Butylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Carbon Disulfide	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Carbon tetrachloride	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Chlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Chloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
2-Chloroethylvinylether	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Chloroform	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Chloromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
2-Chlorotoluene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
4-Chlorotoluene	ND	ug/l	10	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2-Dibromo-3-chloropropane	ND	ug/l	10	10	1	1/13/98	18:37	S.Sturm	8260B	6656
Dibromochloromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2-Dibromoethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Dibromomethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,3-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,4-Dichlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Dichlorodifluoromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1-Dichloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2-Dichloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1-Dichloroethene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
cis-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
trans-1,2-Dichloroethene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,3-Dichloropropane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
2,2-Dichloropropane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1-Dichloropropene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
cis-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656

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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002641
Sample ID: MW-8D

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
trans-1,3-Dichloropropene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Ethylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Hexachlorobutadiene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
2-Hexanone	ND	ug/l	10	10	1	1/13/98	18:37	S.Sturm	8260B	6656
Isopropylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
4-Isopropyltoluene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
4-Methyl-2-pentanone	ND	ug/l	10	10	1	1/13/98	18:37	S.Sturm	8260B	6656
Methylene chloride	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Naphthalene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
n-Propylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Styrene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1,1,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1,2,2-Tetrachloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Tetrachloroethene	4.2	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Toluene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2,3-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2,4-Trichlorobenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1,1-Trichloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,1,2-Trichloroethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Trichloroethene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2,3-Trichloropropane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,2,4-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
1,3,5-Trimethylbenzene	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Vinyl chloride	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Xylenes	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Bromodichloromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656
Trichlorofluoromethane	ND	ug/l	2	2	1	1/13/98	18:37	S.Sturm	8260B	6656

ND = Not detected at the report limit.

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	119.	70. - 131.
VOA Surrogate, Toluene d8	93.6	83. - 115.
VOA Surrogate, 4-Bromofluorobenzene	79.6	73. - 119.
VOA Surrogate, Dibromofluoromethane	116.	72. - 130.

SPECIALIZED ASSAYS, INC.

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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A002641
Sample ID: MW-8D

Surrogate	% Recovery	Target Range

Report Approved By: Michael A. Dunn Report Date: 1/14/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

Laboratory Certification Number: 387

APPENDIX G
RISK REDUCTION STANDARD CALCULATIONS

Summary of Risk Calculations with Soil and Groundwater Data
Maximum Concentration On-Site and Point of Demonstration
Former Vogue Cleaners
4020 Washington Road
Martinez, Georgia

Soil
(mg/kg)

Constituent	Maximum Concentration	Location	RAGs Car	RAGs Non-Car
Cis-1,2 DCE	<0.0036	SB-25	NC	**1,550.0**
Tetrachloroethene	0.43	EA-5	23,700.0	**346.0**
Trichloroethene	0.06	EA-1	1,340.0	**16.9**

NC – Not Calculated

Groundwater
(mg/L)

Constituent	Maximum Concentration	Location	Concentration Point of Compliance	Location	RAGS Car	RAGs Non-Car	MCL
Cis-1,2 DCE	0.005	MW-2	<0.005	POD-1	NC	0.031	**0.070**
Tetrachloroethene	0.140	MW-5	<0.005	POD-1	**0.018**	0.018	0.005
Trichloroethene	0.026	MW-5	<0.005	POD-1	0.001	0.001	**0.005**

NC – Not Calculated

Table 2. Calculation of Type 3 Non-Carcinogenic Effects

cis-1,2-Dichloroethene
Equation 7 (Non-Carcinogenic Effects)

Data Input	Description	Value	Units
C	Concentration in Soil	**1.55E+03**	mg/kg
THI	Target Hazard Index	1	
RfDi	Reference Dose inhalation	NA	mg/kg/day
RfDo	Reference Dose oral	2.00E-03	mg/kg/day
BW	Body Weight	70	kg
AT	Averaging Time	1	years
EF	Exposure Frequency	100	days (construction)
ED	Exposure Duration	1	years (construction)
IRsoil	Soil Ingestion Rate	330	mg/day
IRair	Daily Inhalation Rate	20	m^3/day (construction)
PEF	Particulate emission factor	4.63E+09	m^3/kg
VF	Soil to air Volatilization factor	3.16E+03	m^3/kg

Table 3. Calculation of Volatilization Factor

Soil to Air Volatilization Values
cis-1,2-Dichloroethene

Data Input	Description	Value	Units	Equation (calculated values)
VF	Volatilization Factor (calculated)	**3.16E+03**	m^3/kg	
LS	Length of side	45	m	
V	wind speed	2.25	m/sec	
DH	diffusion height	2	m	
A	area of contamination	2.03E+07	cm^2	
Pi	Pi	3.14159		
alpha	calculated	1.94E-03		
T	exposure interval	7.90E+08	sec	
rho	density of soils	2.65	g/cm	
OC	soil organic carbon	0.02		
Dei	effective diffusivity (calculated)	0.052	cm^2/sec	$Di* E^{0.33}$
Di	molecular diffusivity	0.0736	cm^2/sec	
E	soil porosity	0.35		
Kas	soil/air partition coeff (calculated)	1.91E-01		H/Kd*41
H	Henry's Law Constant	4.07E-03	atm-m3/mol	
Kd	soil-water partition coeff (calculated)	8.758E-01		Koc * OC
Koc	organic carbon partition coeff	4.38E+01	cm3/g	

Table 1. Calculation of Type 1 Carcinogenic Effects

Tetrachloroethene
Equation 6 (Carcinogenic Effects)

Data Input	Description	Value	Units
C	Concentration in Soil	**2.37E+04**	mg/kg
TR	Target Excess Cancer Risk	1.00E-05	
Sfi	Inhalation Cancer Slope Factor	9.10E-04	mg/kg/day
Sfo	Oral Cancer Slope Factor	2.10E-03	mg/kg/day
BW	Body Weight	70	kg
AT	Averaging Time	70	years
EF	Exposure Frequency	100	days (construction)
ED	Exposure Duration	1	years (construction)
IRsoil	Soil Ingestion Rate	330	mg/day
IRair	Daily Inhalation Rate	20	m^3/day (construction)
PEF	Particulate emission factor	1.36E+09	m^3/kg
VF	Soil to air Volatilization factor	2.66E+03	m^3/kg

Table 2. Calculation of Type 1 Non-Carcinogenic Effects

Tetrachloroethene
Equation 7 (Non-Carcinogenic Effects)

Data Input	Description	Value	Units
C	Concentration in Soil	**3.46E+02**	mg/kg
THI	Target Hazard Index	1	
RfDi	Reference Dose inhalation	1.10E-02	mg/kg/day
RfDo	Reference Dose oral	6.00E-03	mg/kg/day
BW	Body Weight	70	kg
AT	Averaging Time	1	years
EF	Exposure Frequency	100	days (construction)
ED	Exposure Duration	1	years (construction)
IRsoil	Soil Ingestion Rate	330	mg/day
IRair	Daily Inhalation Rate	20	m^3/day (construction)
PEF	Particulate emission factor	4.63E+09	m^3/kg
VF	Soil to air Volatilization factor	2.66E+03	m^3/kg

Table 3. Calculation of Volatilization Factor

Soil to Air Volatilization Values
Tetrachloroethene

Data Input	Description	Value	Units	Equation (calculated values)
VF	Volatilization Factor (calculated)	**2.66E+03**	m^3/kg	
LS	Length of side	45	m	
V	wind speed	2.25	m/sec	
DH	diffusion height	2	m	
A	area of contamination	2.03E+07	cm^2	
Pi	Pi	3.14159		
alpha	calculated	2.55E-03		
T	exposure interval	7.90E+08	sec	
rho	density of soils	2.65	g/cm	
OC	soil organic carbon	0.02		
Dei	effective diffusivity (calculated)	0.035	cm^2/sec	$Di* E^{0.33}$
Di	molecular diffusivity	0.05	cm^2/sec	
E	soil porosity	0.35		
Kas	soil/air partition coeff (calculated)	3.82E-01		H/Kd*41
H	Henry's Law Constant	1.77E-02	atm-m3/mol	
Kd	soil-water partition coeff (calculated)	1.898E+00		Koc * OC
Koc	organic carbon partition coeff	9.49E+01	cm3/g	

Table 1. Calculation of Type 3 Carcinogenic Effects

Trichloroethene
Equation 6 (Carcinogenic Effects)

Data Input	Description	Value	Units
C	Concentration in Soil	**1.34E+03**	mg/kg
TR	Target Excess Cancer Risk	1.00E-05	
Sfi	Inhalation Cancer Slope Factor	1.43E-02	mg/kg/day
Sfo	Oral Cancer Slope Factor	4.60E-02	mg/kg/day
BW	Body Weight	70	kg
AT	Averaging Time	70	years
EF	Exposure Frequency	100	days (construction)
ED	Exposure Duration	1	years (construction)
IRsoil	Soil Ingestion Rate	330	mg/day
IRair	Daily Inhalation Rate	20	m^3/day (construction)
PEF	Particulate emission factor	4.63E+09	m^3/kg
VF	Soil to air Volatilization factor	2.42E+03	m^3/kg

Table 2. Calculation of Type 3 Non-Carcinogenic Effects

Trichloroethene
Equation 7 (Non-Carcinogenic Effects)

Data Input	Description	Value	Units
C	Concentration in Soil	**1.69E+01**	mg/kg
THI	Target Hazard Index	1	
RfDi	Reference Dose inhalation	5.71E-04	mg/kg/day
RfDo	Reference Dose oral	5.00E-04	mg/kg/day
BW	Body Weight	70	kg
AT	Averaging Time	1	years
EF	Exposure Frequency	100	days (construction)
ED	Exposure Duration	1	years (construction)
IRsoil	Soil Ingestion Rate	330	mg/day
IRair	Daily Inhalation Rate	20	m^3/day (construction)
PEF	Particulate emission factor	1.36E+09	m^3/kg
VF	Soil to air Volatilization factor	2.42E+03	m^3/kg

Table 3. Calculation of Volatilization Factor

Soil to Air Volatilization Values
Trichloroethene

Data Input	Description	Value	Units	Equation (calculated values)
VF	Volatilization Factor (calculated)	**2.42E+03**	m^3/kg	
LS	Length of side	45	m	
V	wind speed	2.25	m/sec	
DH	diffusion height	2	m	
A	area of contamination	2.03E+07	cm^2	
Pi	Pi	3.14159		
alpha	calculated	3.19E-03		
T	exposure interval	7.90E+08	sec	
rho	density of soils	2.65	g/cm	
OC	soil organic carbon	0.02		
Dei	effective diffusivity (calculated)	0.056	cm^2/sec	$Di* E^{0.33}$
Di	molecular diffusivity	0.079	cm^2/sec	
E	soil porosity	0.35		
Kas	soil/air partition coeff (calculated)	2.98E-01		H/Kd*41
H	Henry's Law Constant	9.83E-03	atm-m3/mol	
Kd	soil-water partition coeff (calculated)	1.354E+00		Koc * OC
Koc	organic carbon partition coeff	6.77E+01	cm3/g	

Cis-1,2 Dichloroethene
Groundwater - Child
Non-Carcinogenic

$$C(mg/L;_{risk-based}) = \frac{THI \ x \ BW \ x \ AT \ x \ 365\,days/yr}{EF \ x \ ED \ x \ [(1/RfD_i \ x \ K \ x \ IR_a) + (1/RfD_o \ x \ IR_w)]} \quad (1)$$

cis-1,2-Dichloroethene	
C	**3.13E-02**
THI	1
RfDi	NA
RfDo	2.00E-03
BW	15
AT	6
EF	350
ED	6
IR_a	15
IR_w	1
K	0.5

Tetrachloroethene
Groundwater - Child
Carcinogenic

$$C(mg/L;_{risk-based}) = \frac{TR\ x\ BW\ x\ AT\ x\ 365\,days/yr}{EF\ x\ ED\ x\ [(SF_i\ x\ K\ x\ IR_a) + (SF_o\ x\ IR_w)]} \qquad (1)$$

Tetrachloroethene	
C	**1.75E-02**
TR	1.00E-05
SFi	9.10E-04
SFo	2.10E-03
BW	15
AT	6
EF	350
ED	6
IR_a	15
IR_w	1
K	0.5

Tetrachloroethene
Groundwater - Child
Non-Carcinogenic

$$C(mg/L;_{risk-based}) = \frac{THI \ x \ BW \ x \ AT \ x \ 365\,days/yr}{EF \ x \ ED \ x \ [(1/RfD_i \ x \ K \ x \ IR_a) + (1/RfD_o \ x \ IR_w)]} \quad (1)$$

Tetrachloroethene	
C	**1.84E-02**
THI	1
RfDi	1.10E-02
RfDo	6.00E-03
BW	15
AT	6
EF	350
ED	6
IR_a	15
IR_w	1
K	0.5

Trichloroethene
Groundwater - Child
Carcinogenic

$$C(mg/L;_{risk-based}) = \frac{TR \ x \ BW \ x \ AT \ x \ 365\,days/yr}{EF \ x \ ED \ x \ [(SF_i \ x \ K \ x \ IR_a) + (SF_o \ x \ IR_w)]} \qquad (1)$$

Trichloroethene	
C	**1.02E-03**
TR	1.00E-05
SFi	1.43E-02
SFo	4.60E-02
BW	15
AT	6
EF	350
ED	6
IR_a	15
IR_w	1
K	0.5

Trichloroethene
Groundwater - Child
Non-Carcinogenic

$$C(mg/L;_{risk-based}) = \frac{THI \ x \ BW \ x \ AT \ x \ 365\,days/yr}{EF \ x \ ED \ x \ [(1/RfD_i \ x \ K \ x \ IR_a) + (1/RfD_o \ x \ IR_w)]} \quad (1)$$

Trichloroethene	
C	**1.03E-03**
THI	1
RfDi	5.71E-04
RfDo	5.00E-04
BW	15
AT	6
EF	350
ED	6
IR_a	15
IR_w	1
K	0.5