Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services

November 20, 2013

Mr. Charles D. Williams
Program Manager
Response and Remediation Program
Environmental Protection Division
Georgia Department of Natural Resources
2 Martin Luther King Jr. Dr SE, Suite 1462 East
Atlanta, Georgia 30334

Re: Second Semiannual Progress Report
ARAMARK Uniform & Career Apparel, LLC
670 & 690 DeKalb Avenue, HSI Site No. 10704
Atlanta, Fulton County, Georgia
Tax Parcels: 14-0020-001-019-6 and 14-0020-0000-202-4
AEM Project No. 1133-1401

Dear Mr. Williams:

On behalf of ARAMARK Uniform and Career Apparel, LLC (ARAMARK), Atlanta Environmental Management, Inc. (AEM) is providing this Second Semiannual Progress Report regarding activities completed since May 2013 for the ARAMARK DeKalb Avenue Voluntary Remediation Program (VRP)/Hazardous Sites Inventory (HSI) Site No. 10704. The Voluntary Investigation and Remediation Plan (VIRP) was approved by the Georgia Environmental Protection Division (EPD) on November 20, 2012. A summary of the activities completed between May 20, 2013, and November 20, 2013, is provided below:

- Completed horizontal and vertical soil delineation on 670 DeKalb Avenue.
- Evaluated soil impacts at 690 DeKalb Avenue; delineation complete.
- Installed, developed, and sampled five monitoring wells to replace monitoring wells abandoned during the 2010 soil blending effort.
- As a result of construction activities by the City of Atlanta and Beltline, monitoring well MW-205 was damaged. Thus, AEM was required to abandon monitoring well MW-205.
- Conducted a comprehensive groundwater sampling event of existing monitoring wells, including the five newly installed monitoring wells, in July 2013.
- Participated in VRP meeting with EPD staff on August 6, 2013.
- Prepared responses to select EPD Comments dated November 20, 2012, which had not previously been addressed.

1.0 SOIL DELINEATION ON 670 DEKALB AVENUE

Between January 31 and February 1, 2013, AEM installed 16 soil borings surrounding historical soil borings GP-9/GP-9D to delineate the horizontal and vertical extent of volatile organic compounds (VOCs), specifically tetrachloroethene (PCE), in soil (see Figure 1). On May 3, 2013, AEM conducted additional soil sampling south of SB-16 to define the area of PCE

impacts in soil on the ARAMARK DeKalb property. AEM installed five soil borings (SB-30 through SB-34). PCE impacts in soil were not delineated south and east of SB-33.

On May 22, 2013, AEM installed two additional soil borings (SB-35 and SB-36) using hand auger methods. The soil borings were installed to a depth of 2 to 4 feet below land surface (bls). The soil borings were located approximately 10 feet south and 10 feet east of SB-33 (see Figure 1). Boring logs for all samples collected as part of this investigation are provided in Attachment A.

PCE concentrations in soil were delineated to below 500 micrograms per kilogram (µg/kg), horizontally and vertically, to the east and south of SB-33 (see Table 1). Laboratory analytical reports are provided in Attachment B.

VOC impacts in soil have been delineated onsite at the 670 DeKalb Avenue.

2.0 EVALUATION OF SOIL IMPACTS AT 690 DEKALB AVENUE

AEM conducted a comprehensive evaluation of the historical soil data collected at the 690 DeKalb Avenue parcel of the ARAMARK VRP site to determine whether additional soil sampling was required to delineate VOC impacts that may be present.

Between 1992 and 2001, sixteen soil borings were installed on the 690 DeKalb Avenue parcel. Eight of those soil borings were converted to monitoring wells (MW-104 through MW-111). A total of thirty-two samples were collected from the sixteen soil borings (see Figure 2 and Table 2).

Vinyl chloride was the only VOC detected in soil above Type I Risk Reduction Standards (RRSs) at soil boring BH-2 collected in November 13, 2000 (see Table 2). However, based on further evaluation of historic boring logs it was determined that this soil sample was actually collected within the water table (22–24 feet) and thus is not considered a true soil sample.

Additionally, in 1992, when historical monitoring well MW-5 was installed, vinyl chloride was detected at a concentration of 120 micrograms per liter (µg/L). This monitoring well was installed in close proximity to soil boring BH-2. MW-5 was installed to a depth of 25 feet bls with a screen interval of 15–25 feet. This data further suggests that the vinyl chloride detection in soil sample BH-2 was likely from groundwater impacting soil as the water table fluctuated.

VOCs were also detected in soil samples collected from soil borings B-1 and B-2 (see Table 2). Based on the information provided, it is unknown at what depths these soil samples were collected. Reportedly, samples were collected on five-foot intervals and only one sample from each soil boring was submitted to the laboratory for analysis. Either the sample with the greatest photoionization detector (PID) vapor reading or, if no PID reading, the sample nearest the water table was submitted for laboratory analysis. There was no indication in the 1999 report that elevated PID readings were observed at B-1 and B-2 (see an excerpt of the 1999 Phase I ESA in Attachment C). This data suggests that these two samples were collected at the water table. However, none of the VOCs detected exceeded Type I RRSs.

Additionally, as discussed in the *First Semiannual Progress Report*, dated May 20, 2013, AEM collected seven samples from the stockpiled soil located on the southern portion of the

parcel. Select metals were detected in the soil samples; however, they were detected at concentrations below notification concentrations and Type 1 RRSs.

Based on a review of the available data, VOC impacts have been delineated and no additional soil delineation is required for the 690 DeKalb parcel of the ARAMARK DeKalb VRP site. A compliance status report (CSR) will be prepared during the next reporting period to certify that contaminants in soil at the 690 DeKalb parcel meet Type 1 RRSs.

3.0 MONITORING WELL INSTALLATION ACTIVITIES AT 670 AND 690 DEKALB PARCELS

In 2010, several monitoring wells, including vertical monitoring well MW-103D, were abandoned as part of the Interim Corrective Measures conducted for source area soil on 670 DeKalb and Gunby Street. To monitor the effectiveness of the interim corrective measures, between May 22 and May 24, 2013, AEM installed four shallow residuum monitoring wells (MW-210 to MW-213) and one deep residuum monitoring well (MW-214) (see Figure 3). These monitoring wells were installed using rotosonic drilling techniques (see Attachment D). An updated monitoring well construction table is provided as Table 3. Monitoring well construction diagrams for each monitoring well are provided in Attachment D.

Upon completion of the monitoring well installation, all five monitoring wells were developed and sampled. A groundwater sample was collected from each monitoring well between June 3 and June 4, 2013. Temperature, pH, turbidity, and conductivity were measured at each sampled well immediately prior to the collection of groundwater samples. These parameters were recorded on groundwater sampling field logs for each well (see Attachment E). The field logs record the sampling personnel, time and date of sample collection, well depth, purge volume, and purge method. A summary of the analytical results is presented in Table 4. The laboratory analytical report for this event is provided in Attachment E.

VOCs were detected in groundwater at two monitoring well locations, MW-212 and MW-213. PCE, trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride were detected at concentrations exceeding the Type 1 RRS. Acetone and 2-butanone were also detected in groundwater at MW-212 (see Table 4); however, the detections were below applicable Type 1 RRSs. MW-212 was installed adjacent to the west of historical monitoring well MW-408, and MW-213 was installed adjacent to historical monitoring well MW-103. Historical concentrations of VOCs in groundwater at monitoring wells MW-408 and MW-103 prior to the interim corrective measures ranged from 1,200 µg/L and 6,900 µg/L. Analytical results from this sampling event confirm that the interim measures were successful in reducing concentrations of VOCs in groundwater in the source area (see Figure 4).

VOCs were not detected in monitoring wells MW-210, -211, and -214 in June 2013. MW-214 was installed to replace the historical vertical delineation well MW-103D. Based on the analytical results, groundwater on site is vertically delineated at MW-214.

Historical cross sections have been updated to include these wells, as appropriate (see Attachment F).

Additionally, as part of the monitoring well installation effort, AEM inspected all monitoring wells located on the ARAMARK DeKalb parcels. Monitoring wells MW-104, -105, -106, -107,

and -108 are located underneath the soil pile on the 690 DeKalb parcel and could not be inspected. Monitoring well MW-203 could not be located as it is beneath soil and debris staged on the ARAMARK property as part of the Beltline/City of Atlanta activities. Five well vaults and pads were replaced at MW-202, -208P, -306, -401, and -405.

Since July, the City of Atlanta has been excavating and replacing the sanitary sewer along Gunby Street. During these activities, AEM noted that the well casing at monitoring wells MW-213 and MW-214 were damaged. Because of the damage, AEM converted these monitoring wells from stick-up to flush-mount. These wells were subsequently resurveyed (see Table 3).

4.0 MONITORING WELL ABANDONMENT ON 670 DEKALB PARCEL

On June 27th, 2013, AEM noted that MW-205 had been destroyed by ongoing construction activities conducted at the site by a contractor for the City of Atlanta. As a result of the construction activities, the well vault and top of the well casing for MW-205 had been removed leaving an unprotected open conduit from the surface. Based on visual observations, it was apparent that the well was irreparable.

Initially, an attempt was made to pull the PVC casing from the ground. Once it was determined that this was unsuccessful, the decision was made to grout the casing in place using a tremie pipe and grouting to the surface. The riser had already been cut down below surface and the well pad removed when the monitoring well was damaged; thus, it was not necessary to remove these items prior to grouting of the well in place. The grout consisted of Portland cement and 5 percent beneficiated bentonite by volume.

5.0 SITEWIDE ANNUAL GROUNDWATER SAMPLING EVENT (670 AND 690 DEKALB PARCELS)

5.1 Depth-to-Groundwater Measurements

Depth-to-groundwater measurements were collected from 20 monitoring wells on July 17, 2013 (see Table 5). The groundwater measurements were taken using a Solinst® (Model 101) electronic water level meter in accordance with U.S. EPA SESD Field Branch Quality System and Technical Procedure SESDPROC-105-R2 (*Groundwater Level and Well Depth Measurement*) dated January 29, 2013. AEM personnel collected water level measurements by recording the depth to groundwater below the marked (surveyed) top of the polyvinyl chloride (PVC) well casing for each well. Measurements were recorded in order of least to most contaminated well.

Groundwater elevations were then calculated by subtracting the depth-to-water measurements from the measuring point surveyed elevations. Groundwater elevation data are summarized in Table 5. The data summarized in Table 5 were used to prepare water level contour figures for the shallow residuum (see Figure 5), which indicate a groundwater flow direction toward the north-northwest. There also appears to be a southeasterly groundwater flow direction on the south side of the property along DeKalb Avenue.

It should be noted that based upon the groundwater elevation data and flow direction, VOC impacts in groundwater at the 690 DeKalb parcel are likely to have originated from impacts in groundwater at the 670 DeKalb parcel.

5.2 Groundwater Sampling Event

Between July 17 and July 19, 2013, AEM collected groundwater samples from 20 monitoring wells. An attempt was made to locate monitoring well MW-203; however, this well was covered by excavated soil from the City of Atlanta and Beltline redevelopment activities. Additionally, monitoring wells MW-104 through MW-108 are underneath the soil pile on the 690 DeKalb parcel and could not be sampled. Groundwater samples were collected in accordance with U.S. EPA SESD Field Branch Quality System and Technical Procedure SESDPROC-301-R3 (*Groundwater Sampling*) dated March 6, 2013. Temperature, pH, turbidity, and conductivity were measured at each sampled well immediately prior to the collection of groundwater samples. These parameters were recorded on groundwater sampling field logs for each well (see Attachment G). The field logs record the sampling personnel, time and date of sample collection, well depth, purge volume, and purge method.

The groundwater samples were delivered to Xenco for analysis of Environmental Protection Agency (EPA) Method 8260 list VOCs. The laboratory analytical data report for the groundwater samples collected in July 2013 is included in Attachment G.

Table 6 presents a summary of all VOCs detected in groundwater during the July 2013 sampling event. Attachment H presents an updated historical summary of VOCs detected in groundwater for these monitoring wells.

Groundwater Results (Shallow Residuum Aquifer)

The shallow residuum aquifer is monitored by monitoring wells that are screened either across the water table or below/near the water table. The following wells are screened at the water table: MW-203, -204, -206, -207P, -208P, -210, -211, -212, -213, -401, -402, -403, and -409. Monitoring well MW-203 could not be located during the July 2013 sampling event, as it is underneath a pile of soil and debris from the City of Atlanta/Beltline activities. MW-205 is also screened across the water table; however, as discussed above, MW-205 was abandoned prior to this sampling event as it was destroyed during the City of Atlanta/Beltline activities.

The following constituents were detected above the applicable Type 1 RRSs in groundwater samples collected from monitoring wells screened across the water table: PCE, TCE, cis-1,2-DCE, and vinyl chloride (see Table 6).

The following wells are screened below/near the water table: MW-109, -110, -111, -202, -306, and -409D. VOCs were not detected in groundwater samples collected from MW-109, -110, -111, -202, and -409D. PCE was the only VOC detected in a groundwater sample collected from MW-306 (23 µg/L) (see Table 6).

Figures 6 to 9 present the current extent of PCE, TCE, cis-1,2-DCE, and vinyl chloride, respectively, exceeding Type 1 RRS in the shallow residuum.

When comparing concentrations of VOCs in groundwater prior to the interim corrective measures, the current analytical results indicate that the interim corrective measures were successful in treating source material and VOCs in groundwater. In the source area, concentrations of VOCs decreased from 9,360 µg/L in 2009 to 348 µg/L in July 2013. Figure 4 presents a comparison of total VOCs in groundwater in December 2009, prior to conduct of interim corrective measures, and in July 2013. Tables in Attachment H provide a summary of historical detections of VOCs in all monitoring wells at the site.

Concentrations of VOCs in groundwater at upgradient monitoring wells located along the western side of the 670 DeKalb parcel remain stable. Trend charts are provided for select upgradient and downgradient monitoring wells (see Attachment I).

Also, concentrations of VOCs in downgradient monitoring wells MW-403 and MW-109 on the 690 DeKalb parcel were 350 µg/L and 10 µg/L in December 2009, prior to the conduct of interim corrective measures. Concentrations of VOCs initially increased in groundwater at these downgradient wells, to 1,600 µg/L (MW-403) and 24 µg/L (MW-109), in June 2011. However, VOC concentrations have decreased to 217 µg/L and to below the detection limit, respectively in groundwater at these monitoring wells, in July 2013 (see Attachment H). Based on a review of available data, including groundwater elevation data and groundwater flow, VOC impacts in groundwater at the 690 DeKalb parcel are likely to have originated from impacts at the source area(s) identified on the 670 DeKalb parcel.

Groundwater Results (Deep Residuum)

Monitoring well MW-214 monitors the deep residuum. VOCs were not detected in the groundwater sample collected from this monitoring well.

6.0 ARAMARK AND EPD MEETING—AUGUST 6, 2013

ARAMARK and Georgia EPD representatives participated in a meeting on August 6, 2013, to discuss the VRP progress for the ARAMARK DeKalb VRP site and the pathway forward. The following specific topics of discussion were included:

- Soil delineation at the 670 DeKalb parcel and off-site (Beltline) soil delineation
- Site closure for the 690 DeKalb parcel
- Groundwater delineation
- Remedial options for the 670 DeKalb parcel

On November 4, 2013, Ms. Carolyn Daniels, of Georgia EPD, provided a synopsis of the meeting discussion (see Attachment J). The following information is provided as ARAMARK's understanding of the meeting.

Soil Delineation at 670 DeKalb and Off-Site (Beltline) Soil Delineation

AEM presented soil delineation sampling results for the northwest corner of the 670 DeKalb parcel of the VRP site. Soil analytical results indicate that VOCs are delineated horizontally and vertically to and/or below the water table.

Ms. Carolyn Daniels, of Georgia EPD, questioned whether delineation of soil off site, specifically on the Beltline, had been conducted. ARAMARK stated that, although ARAMARK and the Beltline were working together regarding a potential sale of the DeKalb site to the Beltline, the Beltline has not been forthcoming with providing the off-site sampling data collected by the Beltline (i.e., laboratory reports, figures, tables, boring logs, etc.). At this point based on the lack of data provided thus far, we are not confident that additional information will be forthcoming.

In Attachment C of the *First Semiannual VRP Progress Report*, dated May 20, 2013, AEM provided a letter report, figure, and table of soil samples collected by the Beltline along the ARAMARK DeKalb site. Additionally, this report also provides the estimated limits of soil excavation conducted. A copy of this information is provided in Attachment K.

AEM discussed the additional excavation that was conducted by the Beltline and ARAMARK in April 2013. Table L-1 and Figure L-1 provide the extent of soil excavation and sampling conducted by ARAMARK on the City of Atlanta property. Soil was excavated to the groundwater, which ranged in depth between 6 feet and 10 feet below land surface. The Beltline conducted additional excavation north of ARAMARK's excavation. A rough schematic of the Beltline's additional excavation conducted in April 2013 is provided in Attachment M. As discussed in the meeting, analytical results for the Beltline sampling and excavation have not been provided. This data, along with the data in Attachment K, constitutes all of the available data that has been provided to ARAMARK by the Beltline.

With regard to soil delineation off-site and adjacent to the 670 DeKalb parcel, Mr. David Reuland, of Georgia EPD, stated that, if ARAMARK has delineated soil to the Beltline Brownfields property line, additional soil delineation by ARAMARK would not be required. Mr. Reuland stated that the soil delineation would be the responsibility of the Beltline as part of the Brownfields site requirements.

Site Closure for 690 DeKalb

AEM presented soil analytical results for all soil samples collected at the 690 DeKalb parcel of the ARAMARK DeKalb VRP site. As discussed above, soil is delineated to Type 1 RRS. Ms. Daniels and Mr. Reuland concurred that the soil data indicate certification to Type 1 RRS. Ms. Daniels also concurred that groundwater contaminant delineation requirements for this parcel could be addressed as part of the 670 DeKalb parcel because the source of groundwater contamination appears to have emanated from the 670 DeKalb parcel.

Ms. Daniels stated that ARAMARK may request delisting of the 690 DeKalb parcel by submitting a CSR. She also requested at least two weeks notice prior to the submittal if expedited review is necessary.

Groundwater Delineation (on-site and off-site) 670 and 690 DeKalb Parcels

AEM presented the current groundwater sampling results from the July 2013 event. As discussed during the meeting, VOC concentrations in groundwater have declined sitewide since the conduct of the interim corrective measures (soil blending) in 2010. A declining trend is observed in the source area and downgradient on the 690 DeKalb parcel. Concentrations of VOCs on the downgradient edge of the property, at monitoring well MW-205, have remained stable. Additionally, ARAMARK stated that obtaining further off-site access for groundwater delineation has not been successful.

AEM stated that, based on the current groundwater conditions showing a declining and/or stable trend, and the fact that there are no off-site drinking water receptors within three miles of the subject property, groundwater would not score under the HSI. Thus, delineation of groundwater would not be necessary as part of the VRP process. Mr. Reuland stated that, if the vapor intrusion analysis for the downgradient apartments was completed and indicated no risk, off-site delineation would not be necessary. As discussed, AEM stated that a vapor intrusion evaluation for the downgradient apartments was presented in the *First Semiannual Progress Report*, dated May 20, 2013, and no impact was identified. Updated groundwater data tables showing all historic and current data are provided in Attachment H.

Additionally, Ms. Daniels requested that all available historic data be summarized on figures and tables for EPD review.

Although not discussed during the August 6, 2013, meeting, AEM has prepared contaminant concentration trends for select monitoring wells, which document a declining and/or stable groundwater plume (see Attachment I). These trend charts include all historic data available for each specific monitoring well. The ability to perform contaminant fate and transport modeling will be evaluated during the next reporting period following completion of an additional groundwater sampling event.

Remedial Action Options

ARAMARK stated that negotiations are ongoing for the sale of the 670 DeKalb parcel to the Beltline. As part of the negotiations, ARAMARK is considering remedy options for the soil to include soil capping. Mr. David Reuland stated that a vegetative cap could be implemented, especially as the Beltline may install a train tunnel at the site. He stated that, as part of the Restrictive Covenant, provisions should be made for Periodic Progress Reports by the owner of the property, as well as requirements to submit a Soil Management Plan to EPD should future development occur that would disturb the vegetative cap.

7.0 RESPONSE TO SELECT EPD COMMENTS DATED NOVEMBER 20, 2012

ARAMARK previously responded to select EPD comments as part of the *First Semiannual Progress Report*, dated May 20, 2013. Attachment N provides responses to other select EPD comments that were not addressed in the previous submittal. Any remaining comments will be addressed in the next progress report (May 2014).

8.0 ACTIVITIES TO BE CONDUCTED DURING THE NEXT PROGRESS REPORTING PERIOD

- Prepare a CSR for the 690 DeKalb parcel, certifying that soil meets Type 1 RRS.
- Conduct a Sitewide semiannual groundwater event in January 2014 (670 and 690 DeKalb Parcels).
- Submit the Third Semiannual Progress Report, due May 20, 2014.

A monthly summary of Mr. Tony Gordon's hours expended as part of this semiannual progress report is provided in Attachment O.

If you need anything else or have any questions, please call us at (404) 329-9006.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM
Project Manager

Janet T. Hart
President

/krf

c: Doug Helmstetler (ARAMARK), via PDF e-mail copy
Rebecca Armbruster (The Wetlands Company), via PDF e-mail copy
Tony Gordon, P.G. (AEM)

Attachments

TABLES

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-1				SB-2				SB-3			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<5.29	**9.96**	<5.72	<5.14	<4.24	**18.5**	**38.5**	<5.49	<6.93	**7.90**	**5.19**	**9.62**
1,1,1-Trichloroethane	20,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Trichloroethene	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,1-Dichloroethene	700	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,2-Dichloroethane	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,1-Dichloroethane	400,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Chloroethane	170	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
cis-1,2-Dichloroethene	7,000	<5.29	<4.78	**24.5**	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
trans-1,2-Dichloroethene	10,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Vinyl Chloride	200	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Aromatic Hydrocarbons													
Benzene	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Ethylbenzene	70,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Toluene	100,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Chlorobenzene	10,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Cyclohexane	200,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Naphthalene	100,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
o-xylene	1,000,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
m,p-Xylene	1,000,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Other VOCs													
2-Butanone	200,000	<52.9	<47.8	<57.2	<51.4	<42.4	<52	<46.1	<54.9	<69.3	<44.8	<42.2	<60.6
Acetone	400,000	<52.9	<47.8	**133**	<51.4	<42.4	<52	<46.1	<54.9	<69.3	<44.8	<42.2	<60.6
Bromomethane	800	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Carbon Disulfide	400,000	<42.3	<38.2	<45.8	<41.1	<34	<41.6	<36.9	<43.9	<55.4	<35.9	<33.8	<48.5
Methyl Acetate	NR	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Methylcyclohexane	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Methylene Chloride	500	<21.1	<19.1	<22.9	<20.6	<17	<20.8	<18.5	<22	<27.7	<17.9	<16.9	<24.2

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-4				SB-5				SB-6			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	**9,080**	**8.42**	**5.50**	**10.2**	**8,070**	**29.9**	**8.39**	**8.79**	NSR	**9,950**	**2,410**	**11.0**
1,1,1-Trichloroethane	20,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Trichloroethene	500	**99.2**	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,1-Dichloroethene	700	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,2-Dichloroethane	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,1-Dichloroethane	400,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Chloroethane	170	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
cis-1,2-Dichloroethene	7,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
trans-1,2-Dichloroethene	10,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Vinyl Chloride	200	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Aromatic Hydrocarbons													
Benzene	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Ethylbenzene	70,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Toluene	100,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Chlorobenzene	10,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Cyclohexane	200,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Naphthalene	100,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
o-xylene	1,000,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
m,p-Xylene	1,000,000	<9.53	<5.24	<5.32	<6.2	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NSR	NA	NA	NA
Isopropylbenzene	21,888	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Other VOCs													
2-Butanone	200,000	<95.3	<52.4	<53.2	<62.3	<2,980	<49.5	<60.3	<60.3	NSR	<3,130	<3,860	<53.7
Acetone	400,000	<95.3	<52.4	<53.2	<62.3	<2,980	<49.5	<60.3	<60.3	NSR	<3,130	<3,860	<53.7
Bromomethane	800	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Carbon Disulfide	400,000	<76.3	<41.9	<42.6	<49.8	<2,380	<39.6	<48.2	<48.2	NSR	<2,500	<3,090	<42.9
Methyl Acetate	NR	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Methylcyclohexane	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Methylene Chloride	500	<38.1	<21	<21.3	<24.9	<1,190	<19.8	<24.1	<24.1	NSR	<1,250	<1,550	<21.5

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-7				SB-8				SB-9			
		2-4'	6-8'	10-12'	14-16'	0-2'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	**8,240**	**49,800**	**23.0**	<5.44	**10.1**	<5.77	<5.60	<6.77	**3,250**	**39.6**	<5.96	<7.17
1,1,1-Trichloroethane	20,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Trichloroethene	500	**291**	**2,170**	**5.93**	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,1-Dichloroethene	700	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,2-Dichloroethane	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,1-Dichloroethane	400,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Chloroethane	170	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
cis-1,2-Dichloroethene	7,000	<224	**859**	**5.67**	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
trans-1,2-Dichloroethene	10,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Vinyl Chloride	200	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Aromatic Hydrocarbons													
Benzene	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Ethylbenzene	70,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Toluene	100,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Chlorobenzene	10,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Cyclohexane	200,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Naphthalene	100,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
o-xylene	1,000,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
m,p-Xylene	1,000,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Other VOCs													
2-Butanone	200,000	<2,240	<2,470	<45.9	<54.4	<62.7	<57.7	<56	<67.7	<3,780	<64.1	<59.6	<71.7
Acetone	400,000	<2,240	<2,470	**47.1**	<54.4	<62.7	<57.7	<56	<67.7	<3,780	<64.1	<59.6	<71.7
Bromomethane	800	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Carbon Disulfide	400,000	<1,790	<1,970	<36.7	<43.5	<50.1	<46.2	<44.8	<54.1	<3,030	<51.3	<47.7	<57.4
Methyl Acetate	NR	**272**	**395**	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Methylcyclohexane	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Methylene Chloride	500	<895	<987	<18.4	<21.8	<25.1	<23.1	<22.4	<27.1	<1,510	<25.7	<23.8	<28.7

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-10				SB-11						SB-12			
		2-4'	6-8'	10-12'	14-16'	0-2'	5-6'	10-12'	14-15'	18-20'	24-25'	0-2'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				2/1/2013		2/1/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**														
Tetrachloroethene	500	**903**	**20,900**	**9,900**	<4.82	**14,800**	**3,400**	**87,600**	**1,320**	<6.19	NA	**17.5**	**6,340**	**52,200**	**18.5**
1,1,1-Trichloroethane	20,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Trichloroethene	500	<258	**540**	**2,900**	**9.64**	<294	<349	**7,820**	**10,400**	<6.19	NA	<6.40	<253	**4,920**	**10.8**
1,1-Dichloroethene	700	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
1,2-Dichloroethane	500	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
1,1-Dichloroethane	400,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Chloroethane	170	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
cis-1,2-Dichloroethene	7,000	<258	<410	**3,070**	<4.82	<294	<349	**3,890**	**5,250**	**6.94**	NA	<6.40	<253	**941**	**6.73**
trans-1,2-Dichloroethene	10,000	<258	<410	<310	<4.82	<294	<349	<395	**13.6**	<6.19	NA	<6.40	<253	<323	<5.06
Vinyl Chloride	200	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Aromatic Hydrocarbons															
Benzene	500	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Ethylbenzene	70,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Toluene	100,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Chlorobenzene	10,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Cyclohexane	200,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Naphthalene	100,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
o-xylene	1,000,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
m,p-Xylene	1,000,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Other VOCs															
2-Butanone	200,000	<2,580	<4,100	<3,100	<48.2	<2,940	<3,490	<3,950	<95	<61.9	NA	<64.0	<2,530	<3,230	<50.6
Acetone	400,000	<2,580	<4,100	<3,100	**52.8**	<2,940	<3,490	<3,950	**170**	<61.9	NA	<64.0	<2,530	<3,230	<50.6
Bromomethane	800	<258	<410	<310	<4.82	<294	<349	<95	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Carbon Disulfide	400,000	<2,060	<3,280	<2,480	<38.5	<2,350	<2,790	<3,160	<76	<49.5	NA	<51.2	<2,030	<2,590	<40.5
Methyl Acetate	NR	<258	<410	**477**	<4.82	<294	<349	**1,600**	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Methylcyclohexane	500	<258	<410	<310	<4.82	<294	<349	**613**	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Methylene Chloride	500	<1,030	<1,640	<1,240	<19.3	<1,170	<1,400	<1,580	<38	<24.7	NA	<25.6	<1,010	<1,290	<20.3

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-13				SB-14				SB-15			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	1-2'	6-8'	10-12'	14-16'
		2/1/2013				2/1/2013				2/1/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<4.91	<4.13	NA	NA	**4.70**	**7.56**	NA	NA	**33.8**	<6.30	NA	NA
1,1,1-Trichloroethane	20,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Trichloroethene	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,1-Dichloroethene	700	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,2-Dichloroethane	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,1-Dichloroethane	400,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Chloroethane	170	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
cis-1,2-Dichloroethene	7,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
trans-1,2-Dichloroethene	10,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Vinyl Chloride	200	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Aromatic Hydrocarbons													
Benzene	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Ethylbenzene	70,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Toluene	100,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Chlorobenzene	10,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Cyclohexane	200,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Naphthalene	100,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
o-xylene	1,000,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
m,p-Xylene	1,000,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Other VOCs													
2-Butanone	200,000	<49.1	<41.3	NA	NA	<41.5	<58.7	NA	NA	<82.4	<63.0	NA	NA
Acetone	400,000	<49.1	<41.3	NA	NA	<41.5	<58.7	NA	NA	<82.4	<63.0	NA	NA
Bromomethane	800	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Carbon Disulfide	400,000	<39.3	<33	NA	NA	<33.2	<47	NA	NA	<65.9	<50.4	NA	NA
Methyl Acetate	NR	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Methylcyclohexane	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Methylene Chloride	500	<19.6	<16.5	NA	NA	<16.6	<23.5	NA	NA	<33	<25.2	NA	NA

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-16				SB-30				SB-31				SB-32			
		2-4'	6-8'	10-12'	14-16'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'
		2/1/2013				5/3/2013				5/3/2013				5/3/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**																
Tetrachloroethene	500	**6,740**	**451**	<7.49	NA	**7.11**	<5.0	**3,870**	**6.59**	**10.5**	<7.01	<5.26	<5.44	<6.66	**545**	**21.1**	<5.14
1,1,1-Trichloroethane	20,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Trichloroethene	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,1-Dichloroethene	700	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,2-Dichloroethane	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,1-Dichloroethane	400,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Chloroethane	170	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
cis-1,2-Dichloroethene	7,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
trans-1,2-Dichloroethene	10,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Vinyl Chloride	200	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Aromatic Hydrocarbons																	
Benzene	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Ethylbenzene	70,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Toluene	100,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Chlorobenzene	10,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Cyclohexane	200,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Naphthalene	100,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
o-xylene	1,000,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
m,p-Xylene	1,000,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Other VOCs																	
2-Butanone	200,000	<2,620	<2,670	<74.9	NA	<57.9	<50	<71.5	<58.5	<53.9	<70.1	<52.6	<54.4	<66.6	<3,920	<81.5	<51.4
Acetone	400,000	<2,620	<2,670	<74.9	NA	<57.9	<50	<71.5	<58.5	<53.9	<70.1	<52.6	<54.4	<66.6	<3,920	<81.5	<51.4
Bromomethane	800	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Carbon Disulfide	400,000	<2,100	<2,140	<60	NA	<46.3	<40	<57.2	<46.8	<43.1	<56	<42.1	<43.5	<53.3	<3,140	<65.2	<41.1
Methyl Acetate	NR	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Methylcyclohexane	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Methylene Chloride	500	<1,050	<1,070	<30	NA	<23.2	<20	<28.6	<23.4	<21.6	<28	<21	<21.7	<26.6	<1,570	<32.6	<20.6

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-33				SB-34				SB-35		SB-36	
		0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	0-2'	2-4'
		5/3/2013				2/1/2013				5/22/2013		5/22/2013	
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<5.19	**2,800**	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1,1-Trichloroethane	20,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Trichloroethene	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1-Dichloroethene	700	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,2-Dichloroethane	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1-Dichloroethane	400,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Chloroethane	170	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
cis-1,2-Dichloroethene	7,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
trans-1,2-Dichloroethene	10,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Vinyl Chloride	200	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Aromatic Hydrocarbons													
Benzene	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Ethylbenzene	70,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Toluene	100,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Chlorobenzene	10,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Cyclohexane	200,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Naphthalene	100,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
o-xylene	1,000,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
m,p-Xylene	1,000,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Other VOCs													
2-Butanone	200,000	<51.9	<54.5	<74	<47.3	<60.1	<58.3	NA	NA	<83.8	<58.6	<49.6	<61.4
Acetone	400,000	<51.9	<54.5	<74	<47.3	<60.1	<58.3	NA	NA	<83.8	<58.6	<49.6	<61.4
Bromomethane	800	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<83.8	<58.6	<49.6	<61.4
Carbon Disulfide	400,000	<41.5	<43.6	<59.2	<37.8	<48.1	<46.6	NA	NA	<67	<46.9	<39.7	<49.1
Methyl Acetate	NR	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Methylcyclohexane	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Methylene Chloride	500	<20.7	<21.8	<29.6	<18.9	<24	<23.3	NA	NA	<33.5	<23.4	<19.9	<24.6

See Notes Last Page

Table 1. Summary of Volatile Organic Compounds Detected in Soil--NW Corner of 670 DeKalb Avenue.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Notes:

VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2-4'- sample collected from 2 to 4 feet below land surface
NSR- No sample recovery in geoprobe sample tool due to saturated conditions
NR-Not Regulated
NA-Not analyzed
Soil sample collected beneath the water table
Exceeds Type I RRS

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-5	MW-6	B-1	B-2	B-3	BH-1		BH-2	BH-3	MW-104		
		5/21/92	5/21/92	09/28/99			11/03/00				8/13/2001		
		5'	5'	Depth Unknown		5'	2-4'	22-24'	22-24'	14-16'	0-1'	8-10'	14-16'
Chlorinated VOCs, µg/kg	**Type 1 RRS**												
Tetrachloroethene	500	**55**	<5	<5	<5	<5	<2	<2	**217**	<2	<5	<5	<5
1,1,1-Trichloroethane	20,000	<5	<5	<5	<5	<5	<2	<2	<2	<2	NA	NA	NA
Trichloroethene	500	<5	<5	<5	**52**	<5	<2	<2	**447**	<2	<5	<5	<5
1,1-Dichloroethene	700	<5	<5	<5	<5	<5	<2	<2	**5.71**	<2	<5	<5	<5
1,2-Dichloroethane	500	<5	<5	<5	<5	<5	<2	<2	<2	<2	<5	<5	<5
1,1-Dichloroethane	400,000	<5	<5	<5	<5	<5	<2	<2	<2	<2	<5	<5	<5
Chloroethane	170	<10	<10	<10	<10	<10	<2	<2	<2	<2	<5	<5	<5
cis-1,2-Dichloroethene	7,000	NA	NA	**34**	**334**	<5	<2	<2	**273**	<2	<5	<5	<5
trans-1,2-Dichloroethene	10,000	**164**	<5	<5	<5	<5	<2	<2	**19.2**	<2	<5	<5	<5
Vinyl Chloride	200	<10	<10	<10	**109**	<10	<2	<2	**324**	<2	<5	<5	<5
Aromatic Hydrocarbons, µg/kg													
Benzene	500	<2	<2	<5	<5	<5	<2	<2	**4.40**	<2	<5	<5	<5
Ethylbenzene	70,000	<2	<2	<5	<5	**7.0**	<2	<2	<2	<2	<5	<5	<5
Toluene	100,000	<2	**300**	<5	**57**	**6.0**	<2	<2	<2	<2	<5	<5	<5
Chlorobenzene	10,000	<5	<5	<5	<5	<5	<2	<2	<2	<2	NA	NA	NA
Cyclohexane	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	NA	NA	NA	NA	NA	<2	<2	<2	<2	<5	<5	<5
o-xylene	1,000,000	NA	NA	NA	NA	NA	<2	<2	<2	<2	NA	NA	NA
m,p-Xylene	1,000,000	NA	NA	NA	NA	NA	<4	<4	<4	<4	NA	NA	NA
Xylenes, total	1,000,000	<2	<2	<5	<5	**19**	NA	NA	NA	NA	<10	<10	<10
Isopropylbenzene	21,888	NA	NA	NA	NA	NA	<2	<2	<2	<2	<5	<5	<5
Non-Chlorinated VOCs, µg/kg													
2-Butanone	200,000	<100	<100	NA	NA	NA	**4.51**	<40	<40	<40	NA	NA	NA
Acetone	400,000	<100	<100	NA	NA	NA	**172**	<40	<40	<40	NA	NA	NA
Bromomethane	800	<10	<10	<10	<10	<10	<2	<2	<2	<2	NA	NA	NA
Carbon Disulfide	400,000	<10	<10	NA	NA	NA	<2	<2	<2	<2	NA	NA	NA
Iodomethane		<5	<5	NA	NA	NA	<2	<2	<2	<2	NA	NA	NA
Methylene Chloride	500	<5	<5	<1	<1	<1	**27.6**	<20	<20	<20	NA	NA	NA

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-5	MW-6	B-1	B-2	B-3	BH-1		BH-2	BH-3	MW-104		
		5/21/92	5/21/92	09/28/99			11/03/00				8/13/2001		
		5'	5'	Depth Unknown		5'	2-4'	22-24'	22-24'	14-16'	0-1'	8-10'	14-16'
Metals, mg/Kg													
Arsenic	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
mg/kg-milligrams per kilogram
NA-not analyzed
Sample collected in the water table
Exceeds Type 1 RRS
*--sample collected from Soil Pile

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-105			MW-106		MW-107			MW-108			MW-109		
		8/13/2001			8/15/2001		8/14/2001			8/15/2001			8/16/2001		
		0-2'	4-6'	14-16'	0-2'	16-18'	0-2'	4-6'	14-16'	0-2'	4-6'	12-14'	0-2'	4-6'	10-12'
Chlorinated VOCs, µg/kg	**Type 1 RRS**														
Tetrachloroethene	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	400,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	170	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	7,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Aromatic Hydrocarbons, µg/kg															
Benzene	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	70,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, total	1,000,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isopropylbenzene	21,888	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs, µg/kg															
2-Butanone	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-105			MW-106		MW-107			MW-108			MW-109		
		8/13/2001			8/15/2001		8/14/2001			8/15/2001			8/16/2001		
		0-2'	4-6'	14-16'	0-2'	16-18'	0-2'	4-6'	14-16'	0-2'	4-6'	12-14'	0-2'	4-6'	10-12'
Metals, mg/Kg															
Arsenic	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
mg/kg-milligrams per kilogram
NA-not analyzed
Sample collected in the water table
Exceeds Type 1 RRS
*--sample collected from Soil Pile

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-110			MW-111			SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7
		8/16/2001			8/15/2001			4/11/13	4/11/13	4/11/13	4/11/13	4/11/13	4/11/13	4/11/13
		4-6'	6-8'	10-12'	0-2'	10-12'	14-16'	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*
Chlorinated VOCs, µg/kg	**Type 1 RRS**													
Tetrachloroethene	500	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	500	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	700	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	500	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	400,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Chloroethane	170	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	200	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Aromatic Hydrocarbons, µg/kg														
Benzene	500	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	70,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Toluene	100,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
o-xylene	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, total	1,000,000	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Non-Chlorinated VOCs, µg/kg														
2-Butanone	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2. Summary of Historical Soil Sample Analytical Results.
690 DeKalb Avenue
ARAMARK DeKalb VRP/HSI Site No. 10704

		MW-110			MW-111			SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7
		8/16/2001			8/15/2001			4/11/13	4/11/13	4/11/13	4/11/13	4/11/13	4/11/13	4/11/13
		4-6'	6-8'	10-12'	0-2'	10-12'	14-16'	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*	0-3'*
Metals, mg/Kg														
Arsenic	20	NA	NA	NA	NA	NA	NA	<6.17	<5.39	<5.58	<5.78	<5.95	<5.35	<6.01
Barium	1,000	NA	NA	NA	NA	NA	NA	**53.3**	**73.1**	**68.6**	**116**	**98.9**	**79**	**93.2**
Cadmium	2	NA	NA	NA	NA	NA	NA	**1.34**	**0.863**	**0.882**	**1.17**	**1.42**	**1.16**	**1.72**
Chromium	100	NA	NA	NA	NA	NA	NA	**20.1**	**7.19**	**8.44**	**11.1**	**11.8**	**9.32**	**13.1**
Lead	75	NA	NA	NA	NA	NA	NA	**17.9**	**14.6**	**12.9**	**13.4**	**15.4**	**16.8**	**23.4**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
mg/kg-milligrams per kilogram
NA-not analyzed
Sample collected in the water table
Exceeds Type 1 RRS
*--sample collected from Soil Pile

Table 3. Monitoring Well Construction Details
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

Well No.	Date Installed	Date Abandoned	Consultant	Aquifer Zone	TOC Elevation (ft AMSL)	Total Depth (TOC)	Well Bottom Elevation (ft AMSL)	Casing Diameter (in)	Screen Interval (ft)	Screen Elevation (ft AMSL)	Screen Length (ft)
MW-1	8/1/1990	Unknown	Depaul	Shallow Residuum	1023.99	26	997.99	2.00	17-26	1047.99-997.99	9
MW-2	8/2/1990	Unknown	Depaul	Shallow Residuum	1015.20	25	990.20	2.00	16-26	1000.2-990.2	10
MW-3	8/2/1990	Unknown	Depaul	Shallow Residuum	1017.62	23	994.62	2.00	14-23	1003.62-994.62	9
MW-4	8/2/1990	Unknown	Depaul	Shallow Residuum	1021.62	22	999.62	2.00	10-25	1009.62-999.62	10
GP-8	5/22/1991	Unknown	Depaul	Soil Boring	NA	10	NA	NA	NA	NA	NA
MW-5	5/20/1992	Unknown	Depaul	Shallow Residuum	1019.76	25	994.76	2.00	15-25	1004.76-994.76	10
MW-6	5/20/1992	Unknown	Depaul	Shallow Residuum	1019.88	25	994.88	2.00	10-25	1001.88-994.88	10
MW-7	5/21/1992	Unknown	Depaul	Shallow Residuum	1020.39	25	995.39	2.00	10-25	1005.39-995.39	10
MW-8	5/21/1992	Unknown	Depaul	Shallow Residuum	NA	NA	NA	NA	NA	NA	NA
MW-9	5/21/1992	Unknown	Depaul	Deep Residuum	NA	88	NA	2.00	78-88	NA	10
B-1	9/28/1999	9/28/1999	QORE	Shallow Residuum	NA	25-30	NA	2.00	NA	NA	NA
B-2	9/28/1999	9/28/1999	QORE	Shallow Residuum	NA	25-30	NA	2.00	NA	NA	NA
B-3	9/28/1999	9/28/1999	QORE	Shallow Residuum	NA	25-30	NA	2.00	NA	NA	NA
BH-1	11/3/2000	11/3/2000	Pickering	Shallow Residuum	NA	28.00	NA	NA	NA	NA	NA
BH-2	11/3/2000	11/3/2000	Pickering	Shallow Residuum	NA	28.00	NA	NA	NA	NA	NA
BH-3	11/3/2000	11/3/2000	Pickering	Shallow Residuum	NA	28.00	NA	NA	NA	NA	NA
DP-101	4/24/2001	4/24/2001	Law	Shallow Residuum	NA	28	NA	2.00	NA	NA	NA
DP-102	4/25/2001	4/25/2001	Law	Shallow Residuum	NA	28	NA	2.00	NA	NA	NA
DP-103	4/24/2001	4/24/2001	Law	Shallow Residuum	NA	28	NA	2.00	NA	NA	NA
DP-104	4/25/2001	4/25/2001	Law	Shallow Residuum	NA	28	NA	2.00	NA	NA	NA
DP-105	4/25/2001	4/25/2001	Law	Shallow Residuum	NA	26	NA	2.00	NA	NA	NA
MW-101	4/24/2001	2005	Law	Shallow Residuum	1016.05	27.97	988.08	2.00	17.97-27.97	998.08 - 988.08	10
MW-102	4/23/2001	2005	Law	Shallow Residuum	1011.86	32.94	978.92	2.00	22.94-32.94	988.92 - 978.92	10
MW-103	4/24/2001	2005	Law	Shallow Residuum	1009.96	25.75	984.21	2.00	15.75-25.75	994.21 - 984.21	10
MW-104	8/31/2001	Under soil pile	Bock	Shallow Residuum	1013.75	24.17	989.58	2.00	14.17-24.17	999.58 - 989.58	10
MW-105	8/14/2001	Under soil pile	Bock	Shallow Residuum	NA	25.00	NA	2.00	NA	NA	15
MW-106	8/15/2001	Under soil pile	Bock	Shallow Residuum	1014.14	25.17	988.97	2.00	10.17-25.17	1,003.97 - 988.97	15
MW-107	8/14/2001	Under soil pile	Bock	Shallow Residuum	1014.19	25.17	989.02	2.00	7.17-22.17	1,004.02 - 989.02	15
MW-108	8/15/2001	Under soil pile	Bock	Shallow Residuum	1013.59	25.17	988.42	2.00	15.17-25.17	998.42 - 988.42	10
MW-109	8/16/2001	Active	Bock	Shallow Residuum	1012.74	25.17	987.57	2.00	7.17-25.17	1,002.57 - 987.57	15
MW-110	8/16/2001	Active	Bock	Shallow Residuum	1013.11	22.17	990.94	2.00	15.17-22.17	997.94 - 990.94	7
MW-111	8/15/2001	Active	Bock	Shallow Residuum	1013.73	25.00	988.73	2.00	10-25	1,003.73 - 988.73	15
MW-103D	4/17/2003	2005	AEM	Deep Residuum	1009.25	75.00	934.25	2.00	65-75	944.25 - 934.25	10
MW-201	4/14/2003	2005	AEM	Shallow Residuum	1015.76	23.82	991.94	2.00	13.82-23.82	1,001.94 - 991.94	10
MW-202	4/14/2003	Active	AEM	Shallow Residuum	1012.69	22.00	990.69	2.00	12-22	1,000.69 - 990.69	10
MW-203	4/15/2003	Active	AEM	Shallow Residuum	1009.22	25.00	984.22	2.00	15-25	994.22 - 984.22	10
MW-204	5/2/2003	Active	AEM	Shallow Residuum	1015.01	24.50	990.51	2.00	14.50-24.50	1,000.51 - 990.51	10
MW-205	**3/31/2004**	**6/27/2013**	**AEM**	**Shallow Residuum**	**1009.90**	**17.00**	**992.90**	**2.00**	**7-17**	**1,002.90 - 992.90**	**10**
MW-206	7/23/2004	Active	AEM	Shallow Residuum	1008.45	14.50	993.95	2.00	4.50-14.50	1003.95-993.95	10
MW-207	4/13/2006	7/7/2010	AEM	Shallow Residuum	1013.19	27.65	985.54	2.00	17.65-27.65	995.54-985.54	10
MW-208	4/3/2006	7/7/2010	AEM	Shallow Residuum	1011.57	29.18	982.39	2.00	19.18-29.18	992.39-982.39	10
MW-207P	9/2/2005	Active	MACTEC	Saturated Fill	1009.40	10.00	999.40	1.00	5.00-10.00	1004.40-999.40	5
MW-208P	9/2/2005	Active	MACTEC	Saturated Fill	1012.86	13.12	999.74	1.00	3.26-13.26	1009.74 - 999.74	10
MW-209P (PZ-2)	9/2/2005	7/7/2010	MACTEC	Saturated Fill	1013.20	16.52	998.78	1.00	6.52-16.52	1008.78 - 998.78	10

Table 3. Monitoring Well Construction Details
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

Well No.	Date Installed	Date Abandoned	Consultant	Aquifer Zone	TOC Elevation (ft AMSL)	Total Depth (TOC)	Well Bottom Elevation (ft AMSL)	Casing Diameter (in)	Screen Interval (ft)	Screen Elevation (ft AMSL)	Screen Length (ft)
MW-210	**5/22/2013**	**Active**	**AEM**	**Shallow Residuum**	**1016.28**	**23.00**	**993.28**	**2.00**	**13.00 -23.00**	**1003.28 - 993.28**	**10**
MW-211	**5/22/2013**	**Active**	**AEM**	**Shallow Residuum**	**1016.37**	**21.00**	**995.37**	**2.00**	**11.00 - 21.00**	**1005.37 - 995.37**	**10**
MW-212	**5/22/2013**	**Active**	**AEM**	**Shallow Residuum**	**1014.06**	**17.50**	**996.56**	**2.00**	**7.50 - 17.50**	**1006.56 - 996.56**	**10**
MW-213	**5/22/2013**	**Active**	**AEM**	**Shallow Residuum**	**1009.79**	**17.00**	**992.79**	**2.00**	**7.00 -17.00**	**1002.79 - 992.79**	**10**
Mw-214	**5/22/2013**	**Active**	**AEM**	**Deep Residuum**	**1009.40**	**74.50**	**934.90**	**2.00**	**64.50 - 74.50**	**944.90 - 934.90**	**10**
TW-34	12/8/2004	Unknown	MACTEC	Shallow Residuum	NA	20.00	NA	2.00	5-20	NA	15
TW-35	12/8/2004	Unknown	MACTEC	Shallow Residuum	NA	15.00	NA	2.00	10-15	NA	5
TW-36	12/7/2004	Unknown	MACTEC	Shallow Residuum	NA	11.00	NA	2.00	2-12	NA	10
MW-301	4/4/2006	7/7/2010	AEM	Shallow Residuum	1012.60	27.98	984.62	2.00	17.98-27.98	994.62 - 984.62	10
MW-302	4/4/2006	7/7/2010	AEM	Shallow Residuum	1011.91	29.97	981.94	2.00	19.97-29.97	991.94 - 981.94	10
MW-303	4/4/2006	7/7/2010	AEM	Shallow Residuum	1009.39	28.98	980.41	2.00	18.98-28.98	990.41 - 980.41	10
MW-306	**4/3/2006**	**Active**	**AEM**	**Shallow Residuum**	**1008.50**	**30.67**	**977.83**	**2.00**	**20.67-30.67**	**987.83 - 977.83**	**10**
MW-401	4/13/2006	Active	MACTEC	Shallow Residuum	1013.69	15.95	997.74	2.00	5.95-15.95	1007.74 - 997.74	10
MW-402	4/13/2006	Active	MACTEC	Shallow Residuum	1016.21	19.47	996.74	2.00	9.47-19.47	1006.74 - 996.74	10
MW-403	4/13/2006	Active	MACTEC	Shallow Residuum	1015.22	22.61	992.61	2.00	12.61-22.61	1002.61 - 992.61	10
MW-404	4/14/2006	7/7/2010	MACTEC	Shallow Residuum	1009.13	13.93	995.20	2.00	3.93-13.93	1005.20 - 995.20	10
MW-405	4/14/2006	Active	MACTEC	Shallow Residuum	1015.84	18.60	997.24	2.00	8.60-18.60	1007.24 - 997.24	10
MW-406	4/18/2006	Active	MACTEC	Shallow Residuum	1015.00	22.26	992.74	2.00	12.26-22.26	1002.74 - 992.74	10
MW-407	4/18/2007	7/7/2010	MACTEC	Shallow Residuum	1012.89	19.48	993.41	2.00	9.48-19.48	1003.41 - 993.41	10
MW-408	4/18/2007	7/7/2010	MACTEC	Shallow Residuum	1009.91	16.00	993.91	2.00	6-16	1003.91 - 993.91	10
MW-409	4/19/2007	Active	MACTEC	Shallow Residuum	1016.36	20.29	996.07	2.00	10.29-20.29	1006.07 - 996.07	10
MW-409D	4/19/2007	Active	MACTEC	Shallow Residuum	1016.07	30.70	985.37	2.00	28.70-30.70	987.37 - 985.37	2
PZ-1 (TPZ-1)	4/8/2003	2006	AEM	Shallow Residuum	1009.31	20.00	989.31	1.00	4.50-19.50	1,004.31 - 989.31	15
TW-1[1]	9/7/2005	2005	AEM	Shallow Residuum	NA	25.5	NA	2.00	15.20-25.20	NA	10
TW-2[1]	9/7/2005	2005	AEM	Shallow Residuum	NA	25.2	NA	2.00	15.20-25.20	NA	10
TW-3[1]	9/7/2005	2005	AEM	Shallow Residuum	NA	25.2	NA	2.00	15.20-25.20	NA	10
TMW-1 (AEM-GP-4)	8/5/2008	7/7/2010	AEM	Shallow Residuum	NA	18.00	NA	1.00	8.00-18.00	NA	10
TMW-2 (AEM-GP-10)	8/5/2008	7/7/2010	AEM	Shallow Residuum	NA	19.55	NA	1.00	9.55-19.55	NA	10
TMW-3 (AEM-GP-14)	8/5/2008	7/7/2010	AEM	Shallow Residuum	NA	19.50	NA	1.00	9.50-19.50	NA	10
ED-1	12/7/2005	12/20/2005	AEM	Shallow Residuum	1028.59	32.5	996.09	1.00	22.5-32.5	1006.09-996.09	10
ED-2	12/7/2005	12/20/2005	AEM	Shallow Residuum	1028.28	29.35	998.93	1.00	19.35-29.35	1008.93-998.93	10
ED-3	12/7/2005	12/20/2005	AEM	Shallow Residuum	1028.89	32.7	996.19	1.00	22.70-32.70	1006.19-996.19	10
ED-4	12/7/2005	12/20/2005	AEM	Shallow Residuum	1028.81	34.3	994.51	1.00	24.30-34.30	1004.51-994.51	10
ED-5	12/7/2005	12/20/2005	AEM	Shallow Residuum	1031.5	42.1	989.40	1.00	32.10-42.10	999.40-989.40	10

NA- Not Available
AMSL - Above Mean Sea Level
TOC - Top Of Casing
ft - feet
in - inches
[1] Not surveyed (In- situ chemical oxydation pilot test temporary wells)
Bold- Changes made since May 20, 2013 First Semiannual Progress Report

Table 4. Summary of Constiuents of Concern Detected in Groundwater from New Monitoring Wells, June 2013.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-210 06/03/13	MW-211 06/04/13	MW-212 06/03/13	MW-213 06/03/13	MW-214 06/04/13
Chlorinated VOCs		Type 1 RRS					
Tetrachloroethene	µg/L	5	<5	<5	**160**	**720**	<5
1,1,1-Trichloroethane	µg/L	200	<5	<5	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	**21**	**140**	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5
Chloroethane	µg/L	4*	<4	<4	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	**77**	**330**	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	**5.7**	<2	<2
Aromatic Hydrocarbons							
Benzene	µg/L	5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	<5	<5	<5	<5
Cyclohexane	µg/L	5*	<5	<5	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5
Non-Chlorinated VOCs							
2-Butanone (MEK)	µg/L	2,000	<50	<50	**270**	<50	<50
Acetone	µg/L	4,000	<50	<50	**620**	<50	<50
Bromomethane	µg/L	5*	<5	<5	<5	<5	<5
Carbon Disulfide	µg/L	4,000	<5	<5	<5	<5	<5
Methyl-tert-butyl Ether	µg/L	NR	<5	<5	<5	<5	<5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:		**MW-101**		**MW-102**		**MW-103**		**MW-103D**		**MW-104**		**MW-106**		**MW-107**		**MW-108**
Installation Date:		4/24/2001		4/23/2001		4/24/2001		4/17/2003		8/13/2001		8/15/20011		8/14/2001		8/15/2001
Monitored Zone:		Shallow Residuum		Shallow Residuum		Shallow Residuum		Deep Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum
Elevation, ft. AMSL[1,2,3]: Access Port/Well Casing.		1,016.046		1,011.856		1,009.956		1,009.251		1,013.746		1,014.141		1,014.191		1,013.591
Elevation, ft. AMSL[1]: Well Screen Interval		989.08-988.08		988.92-978.92		994.21-984.21		944.25-934.25		999.25-989.25		1003.97-988.97		1004.02-989.02		998.42-988.42
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	13.96	**1,002.09**	10.47	**1,001.39**	8.72	**1,001.24**	NI	NM	13.67	**1,000.08**	13.48	**1,000.66**	12.14	**1,002.05**	12.29	**1,001.30**
03/04/03	13.65	**1,002.40**	10.31	**1,001.55**	8.42	**1,001.54**	NI	NM	11.82	**1,001.93**	11.24	**1,002.90**	11.28	**1,002.91**	11.55	**1,002.04**
04/22/03	13.15	**1,002.90**	9.84	**1,002.02**	7.84	**1,002.12**	7.50	**1,001.75**	11.46	**1,002.29**	10.81	**1,003.33**	10.87	**1,003.32**	11.18	**1,002.41**
05/02/03	13.19	**1,002.86**	9.95	**1,001.91**	7.87	**1,002.09**	7.60	**1,001.65**	11.36	**1,002.39**	10.64	**1,003.50**	10.62	**1,003.57**	11.06	**1,002.53**
05/07/03	9.86	**1,006.19**	8.86	**1,003.00**	6.59	**1,003.37**	6.30	**1,002.95**	10.89	**1,002.86**	10.45	**1,003.69**	10.26	**1,003.93**	10.73	**1,002.86**
05/16/03	8.22	**1,007.83**	8.66	**1,003.20**	6.42	**1,003.54**	6.42	**1,002.83**	10.66	**1,003.09**	10.20	**1,003.94**	10.01	**1,004.18**	10.51	**1,003.08**
12/17/03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
04/06/04	14.16	**1,001.89**	10.65	**1,001.21**	8.67	**1,001.29**	8.43	**1,000.82**	12.18	**1,001.57**	11.54	**1,002.60**	11.66	**1,002.53**	11.89	**1,001.70**
07/27/04	12.34	**1,003.71**	9.92	**1,001.94**	7.85	**1,002.11**	9.01	**1,000.24**	12.20	**1,001.55**	NM	NM	12.19	**1,002.00**	11.88	**1,001.71**
07/12/05	7.20	**1,008.85**	7.21	**1,004.65**	NM	NM	4.91	**1,004.34**	9.85	**1,003.90**	NM	NM	9.60	**1,004.59**	9.81	**1,003.78**
09/07/05	12.62	**1,003.43**	9.57	**1,002.29**	NM	NM	7.12	**1,002.13**	10.66	**1,003.09**	NM	NM	10.65	**1,003.54**	10.66	**1,002.93**
09/19/05	13.45	**1,002.60**	9.81	**1,002.05**	NM	NM	7.67	**1,001.58**	11.29	**1,002.46**	NM	NM	11.08	**1,003.11**	10.88	**1,002.71**
10/11/05	12.54	**1,003.51**	9.54	**1,002.32**	NM	NM	7.02	**1,002.23**	11.32	**1,002.43**	NM	NM	NM	NM	NM	NM
12/13/05	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
12/20/05	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	11.52	**1,002.23**	NM	NM	11.56	**1,002.63**	11.50	**1,002.09**
01/25/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	11.47	**1,002.28**	11.21	**1,002.93**	11.26	**1,002.93**	11.20	**1,002.39**
04/10/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	11.65	**1,002.10**	10.98	**1,003.16**	11.09	**1,003.10**	11.40	**1,002.19**
05/15/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	11.86	**1,001.89**	11.24	**1,002.90**	11.34	**1,002.85**	11.55	**1,002.04**
08/14/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
11/07/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
02/07/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
05/30/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
09/17/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
12/04/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
03/05/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
06/04/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
09/09/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
08/07/09	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
11/30/09	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
02/18/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
05/31/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
10/08/12	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
06/03/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
07/17/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:		**MW-109**		**MW-110**		**MW-111**		**MW-201**		**MW-202**		**MW-203**		**MW-204**		**MW-205**
Installation Date:		8/16/2001		8/16/2001		8/15/2001		4/14/2003		4/14/2003		4/15/2003		5/2/2003		3/31/2004
Monitored Zone:		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum
Elevation, ft. AMSL[1,2,3]: Access Port/Well Casing.		1,012.741		1,013.106		1,013.726		1,015.766		1,012.686		1,009.221		1,015.101		1,009.911
Elevation, ft. AMSL[1]: Well Screen Interval		1001.94-991.94		997.94-990.94		1003.73-988.73		1001.94-991.94		1000.69-990.69		994.22-984.22		1005.51-990.51		1002.90-992.90
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	11.38	**1,001.36**	11.62	**1,001.49**	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/04/03	10.76	**1,001.98**	10.68	**1,002.43**	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	10.28	**1,002.46**	10.09	**1,003.02**	NM	NM	12.56	**1,003.21**	7.66	**1,005.03**	6.47	**1,002.75**	NI	NI	NI	NI
05/02/03	10.48	**1,002.26**	10.19	**1,002.92**	NM	NM	12.36	**1,003.41**	8.08	**1,004.61**	7.79	**1,001.43**	NI	NI	NI	NI
05/07/03	9.61	**1,003.13**	9.13	**1,003.98**	NM	NM	11.58	**1,004.19**	6.09	**1,006.60**	4.28	**1,004.94**	11.77	**1,003.33**	NI	NM
05/16/03	9.50	**1,003.24**	8.75	**1,004.36**	NM	NM	11.29	**1,004.48**	6.01	**1,006.68**	4.27	**1,004.95**	11.55	**1,003.55**	NI	NM
12/17/03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NI	NM
04/06/04	11.28	**1,001.46**	11.15	**1,001.96**	NM	NM	13.35	**1,002.42**	9.09	**1,003.60**	8.02	**1,001.20**	13.49	**1,001.61**	9.21	**1,000.70**
07/27/04	NM	**NM**	11.20	**1,001.91**	NM	NM	12.80	**1,002.97**	7.61	**1,005.08**	5.80	**1,003.42**	13.32	**1,001.78**	7.07	**1,002.84**
07/12/05	8.70	**1,004.04**	8.51	**1,004.60**	NM	NM	8.48	**1,007.29**	4.22	**1,008.47**	3.41	**1,005.81**	10.25	**1,004.85**	4.46	**1,005.45**
09/07/05	10.40	**1,002.34**	10.10	**1,003.01**	NM	NM	11.46	**1,004.31**	7.53	**1,005.16**	5.62	**1,003.60**	12.11	**1,002.99**	8.93	**1,000.98**
09/19/05	10.76	**1,001.98**	10.47	**1,002.64**	NM	NM	12.02	**1,003.75**	8.19	**1,004.50**	6.45	**1,002.77**	12.50	**1,002.60**	9.50	**1,000.41**
10/11/05	10.56	**1,002.18**	NM	NM	NM	NM	11.52	**1,004.25**	NM	NM	NM	NM	12.36	**1,002.74**	NM	NM
12/13/05	NM	NM	NM	NM	NM	NM	ABN	ABN	NM	NM	NM	NM	NM	NM	NM	NM
12/20/05	10.74	**1,002.00**	10.96	**1,002.15**	NM	NM	ABN	ABN	7.57	**1,005.12**	6.98	**1,002.24**	12.89	**1,002.21**	9.05	**1,000.86**
01/25/06	10.05	**1,002.69**	10.47	**1,002.64**	NM	NM	ABN	ABN	6.33	**1,006.36**	4.83	**1,004.39**	12.39	**1,002.71**	6.49	**1,003.42**
04/10/06	11.09	**1,001.65**	10.60	**1,002.51**	10.57	**1,002.54**	ABN	ABN	8.48	**1,004.21**	7.88	**1,001.34**	12.95	**1,002.15**	11.59	**998.32**
05/15/06	11.11	**1,001.63**	10.83	**1,002.28**	11.15	**1,001.96**	ABN	ABN	8.45	**1,004.24**	7.58	**1,001.64**	13.17	**1,001.93**	11.21	**998.70**
08/14/06	12.01	**1,000.73**	12.00	**1,001.11**	NM	NM	ABN	ABN	9.22	**1,003.47**	NM	NM	14.12	**1,000.98**	11.30	**998.61**
11/07/06	12.33	**1,000.41**	NM	NM	NM	NM	ABN	ABN	9.55	**1,003.14**	8.28	**1,000.94**	14.29	**1,000.81**	11.72	**998.19**
02/07/07	11.70	**1,001.04**	11.72	**1,001.39**	NM	NM	ABN	ABN	9.08	**1,003.61**	7.64	**1,001.58**	13.69	**1,001.41**	11.11	**998.80**
05/30/07	12.75	**999.99**	12.61	**1,000.50**	NM	NM	ABN	ABN	10.53	**1,002.16**	9.25	**999.97**	14.75	**1,000.35**	13.06	**996.85**
09/17/07	13.72	**999.02**	13.79	**999.32**	NM	NM	ABN	ABN	10.56	**1,002.13**	9.46	**999.76**	15.91	**999.19**	11.89	**998.02**
12/04/07	14.51	**998.23**	14.57	**998.54**	NM	NM	ABN	ABN	12.19	**1,000.50**	10.42	**998.80**	17.63	**997.47**	13.91	**996.00**
03/05/08	12.82	**999.92**	13.40	**999.71**	NM	NM	ABN	ABN	9.16	**1,003.53**	7.23	**1,001.99**	14.98	**1,000.12**	10.18	**999.73**
06/04/08	12.76	**999.98**	12.78	**1,000.33**	NM	NM	ABN	ABN	10.31	**1,002.38**	8.70	**1,000.52**	14.90	**1,000.20**	12.21	**997.70**
09/09/08	13.64	**999.10**	13.86	**999.25**	NM	NM	ABN	ABN	10.74	**1,001.95**	9.33	**999.89**	15.74	**999.36**	12.92	**996.99**
08/07/09	13.80	**998.94**	NM	NM	NM	NM	ABN	ABN	NM	NM	NM	NM	15.03	**1,000.07**	12.64	**997.27**
11/30/09	10.52	**1,002.22**	10.56	**1,002.55**	10.91	**1,002.20**	ABN	ABN	7.53	**1,005.16**	6.28	**1,002.94**	12.47	**1,002.63**	10.12	**999.79**
02/18/11	11.50	**1,001.24**	11.58	**1,001.53**	11.92	**1,001.19**	ABN	ABN	8.95	**1,003.74**	7.68	**1,001.54**	13.56	**1,001.54**	10.81	**999.10**
05/31/11	11.16	**1,001.58**	10.97	**1,002.14**	11.29	**1,001.82**	ABN	ABN	8.51	**1,004.18**	7.19	**1,002.03**	13.16	**1,001.94**	10.31	**999.60**
10/08/12	13.02	**999.72**	12.96	**1,000.15**	NM	NM	ABN	ABN	NM	NM	NM	NM	15.20	**999.90**	11.24	**998.67**
06/03/13	NM	NM	NM	NM	NM	NM	ABN	ABN	NM	NM	NM	NM	NM	NM	ABN	ABN
07/17/13	10.26	**1,002.48**	10.09	**1,003.02**	10.40	**1,002.71**	ABN	ABN	6.50	**1,006.19**	NM	NM	12.45	**1,002.65**	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:	**MW-206**		**MW-207**		**MW-207P**		**MW-208**		**MW-208P**		**MW-209P(PZ-2)**		**MW-210**	
Installation Date:	7/23/2004		4/3/2006		NA		4/3/2006		NA		NA		5/22/2013	
Monitored Zone:	Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum	
Elevation, ft. AMSL[1,2,3]: Access Port/Well Casing.	1,008.446		1,013.191		1,009.400		1,011.566		1,013.000		1,013.200		1,016.230	
Elevation, ft. AMSL[1]: Well Screen Interval	1003.95-993.95		995.54-985.54		999.40-989.40		992.39-982.39		1009.74-999.74		1008.78-998.78		1003.28-993.28	
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/17/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/06/04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/27/04	13.49	**994.96**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/12/05	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/05	3.85	**1,004.60**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/19/05	4.32	**1,004.13**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/11/05	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/13/05	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/20/05	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
01/25/06	4.07	**1,004.38**	NI	NI	NI	NI	NI	NI	NI	NI	9.65	**1,003.55**	NI	NI
04/10/06	5.44	**1,003.01**	11.50	**1,001.69**	NI	NI	9.30	**1,002.27**	NI	NM	11.03	**1,002.17**	NI	NI
05/15/06	7.07	**1,001.38**	11.55	**1,001.64**	7.30	**1,002.10**	9.31	**1,002.26**	8.31	**1,004.69**	10.91	**1,002.29**	NI	NI
08/14/06	6.94	**1,001.51**	12.40	**1,000.79**	NM	NM	10.19	**1,001.38**	9.02	**1,003.98**	12.08	**1,001.12**	NI	NI
11/07/06	7.38	**1,001.07**	12.64	**1,000.55**	7.99	**1,001.41**	10.41	**1,001.16**	8.75	**1,004.25**	12.41	**1,000.79**	NI	NI
02/07/07	7.60	**1,000.85**	12.00	**1,001.19**	8.21	**1,001.19**	9.68	**1,001.89**	8.25	**1,004.75**	11.14	**1,002.06**	NI	NI
05/30/07	8.33	**1,000.12**	13.15	**1,000.04**	9.13	**1,000.27**	11.20	**1,000.37**	9.76	**1,003.24**	13.03	**1,000.17**	NI	NI
09/17/07	5.43	**1,003.02**	13.77	**999.42**	7.22	**1,002.18**	11.71	**999.86**	9.42	**1,003.58**	13.97	**999.23**	NI	NI
12/04/07	9.93	**998.52**	14.85	**998.34**	9.95	**999.45**	12.82	**998.75**	12.82	**1,000.18**	14.74	**998.46**	NI	NI
03/05/08	10.17	**998.28**	9.10	**1,004.09**	4.98	**1,004.42**	10.12	**1,001.45**	6.98	**1,006.02**	10.33	**1,002.87**	NI	NI
06/04/08	7.61	**1,000.84**	13.41	**999.78**	8.73	**1,000.67**	10.80	**1,000.77**	9.46	**1,003.54**	12.86	**1,000.34**	NI	NI
09/09/08	7.97	**1,000.48**	13.91	**999.28**	9.36	**1,000.04**	11.93	**999.64**	10.03	**1,002.97**	13.74	**999.46**	NI	NI
08/07/09	NM	NM	13.09	**1,000.10**	NM	NM	NM	NM	NM	NM	NM	NM	NI	NI
11/30/09	6.98	**1,001.47**	10.66	**1,002.53**	5.55	**1,003.85**	8.34	**1,003.23**	7.36	**1,005.64**	9.59	**1,003.61**	NI	NI
02/18/11	6.81	**1,001.64**	ABN	ABN	7.21	**1,002.19**	ABN	ABN	8.18	**1,004.82**	ABN	ABN	NI	NI
05/31/11	7.92	**1,000.53**	ABN	ABN	6.46	**1,002.94**	ABN	ABN	7.90	**1,005.10**	ABN	ABN	NI	NI
10/08/12	8.92	**999.53**	ABN	ABN	7.05	**1,002.35**	ABN	ABN	NM	NM	ABN	ABN	NI	NI
06/03/13	NM	NM	ABN	ABN	NM	NM	ABN	ABN	NM	NM	ABN	ABN	13.56	**1,002.67**
07/17/13	4.91	**1,003.54**	ABN	ABN	3.98	**1,005.42**	ABN	ABN	7.90	**1,005.10**	ABN	ABN	13.36	**1,002.87**

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:	MW-211		MW-212		MW-213[3]		MW-214[3]		MW-301		MW-302		MW-303	
Installation Date:	5/22/2013		5/22/2013		5/22/2013		5/22/2013		4/4/2006		4/4/2006		4/4/2006	
Monitored Zone:	Shallow Residuum		Shallow Residuum		Shallow Residuum		Deep Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum	
Elevation, ft. AMSL[1,2,3]:														
Access Port/Well Casing. Elevation, ft. AMSL[1]:	1,016.370		1,014.060		1,009.790		1,009.400		1,012.600		1,011.911		1,009.386	
Well Screen Interval	1005.37-995.37		1006.56-996.56		1002.79-992.79		944.90-934.90		994.62-984.62		991.94-981.94		990.41-980.41	
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water,	Ground-Water Elevation,	Depth to Water,	Ground-Water Elevation,	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
12/17/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
04/06/04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
07/27/04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
07/12/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
09/07/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
09/19/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
10/11/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
12/13/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
12/20/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI
01/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NI	NM	NI	NI
04/10/06	NI	NI	NI	NI	NI	NI	NI	NI	10.40	**1,002.20**	10.37	**1,001.54**	7.73	**1,001.66**
05/15/06	NI	NI	NI	NI	NI	NI	NI	NI	10.49	**1,002.11**	10.46	**1,001.45**	7.79	**1,001.60**
08/14/06	NI	NI	NI	NI	NI	NI	NI	NI	11.31	**1,001.29**	10.99	**1,000.92**	8.65	**1,000.74**
11/07/06	NI	NI	NI	NI	NI	NI	NI	NI	11.46	**1,001.14**	11.13	**1,000.78**	8.79	**1,000.60**
02/07/07	NI	NI	NI	NI	NI	NI	NI	NI	10.96	**1,001.64**	10.77	**1,001.14**	8.28	**1,001.11**
05/30/07	NI	NI	NI	NI	NI	NI	NI	NI	12.17	**1,000.43**	11.62	**1,000.29**	9.38	**1,000.01**
09/17/07	NI	NI	NI	NI	NI	NI	NI	NI	12.96	**999.64**	12.35	**999.56**	10.13	**999.26**
12/04/07	NI	NI	NI	NI	NI	NI	NI	NI	13.86	**998.74**	13.36	**998.55**	11.06	**998.33**
03/05/08	NI	NI	NI	NI	NI	NI	NI	NI	11.91	**1,000.69**	11.68	**1,000.23**	9.45	**999.94**
06/04/08	NI	NI	NI	NI	NI	NI	NI	NI	12.05	**1,000.55**	11.55	**1,000.36**	9.35	**1,000.04**
09/09/08	NI	NI	NI	NI	NI	NI	NI	NI	13.03	**999.57**	12.34	**999.57**	10.02	**999.37**
08/07/09	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
11/30/09	NI	NI	NI	NI	NI	NI	NI	NI	9.76	**1,002.84**	9.74	**1,002.17**	7.11	**1,002.28**
02/18/11	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
05/31/11	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
10/08/12	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
06/03/13	13.21	**1,003.16**	10.18	**1,003.88**	10.29	**999.50**	10.85	**998.55**	ABN	ABN	ABN	ABN	ABN	ABN
07/17/13	12.45	**1,003.92**	9.99	**1,004.07**	6.76	**1,003.03**	7.35	**1,002.05**	ABN	ABN	ABN	ABN	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:		**MW-306**		**MW-401**		**MW-402**		**MW-403**		**MW-404**		**MW-405**		**MW-406**
Installation Date:		4/3/2006		4/13/2006		4/13/2006		4/13/2006		4/14/2006		4/14/2006		4/18/2007
Monitored Zone:		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum
Elevation, ft. AMSL [1,2,3]:														
Access Port/Well Casing.		1,008.496		1,013.690		1,016.210		1,015.220		1,009.130		1,015.840		1,015.000
Elevation, ft. AMSL [4]:														
Well Screen Interval		987.83-977.83		1007.74-997.74		1006.74-996.74		1002.61-992.61		1005.20-995.20		1007.24-997.24		1002.74-992.74
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/17/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/06/04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/27/04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/12/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/19/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/11/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/13/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/20/05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
01/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/10/06	7.50	**1,001.00**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/15/06	7.48	**1,001.02**	7.70	**1,005.99**	13.82	**1,002.39**	14.88	**1,000.34**	5.77	**1,003.36**	12.56	**1,003.28**	NI	NI
08/14/06	8.19	**1,000.31**	8.66	**1,005.03**	15.06	**1,001.15**	15.54	**999.68**	7.46	**1,001.67**	NM	NM	NI	NI
11/07/06	8.41	**1,000.09**	8.83	**1,004.86**	15.37	**1,000.84**	15.70	**999.52**	7.15	**1,001.98**	13.85	**1,001.99**	NI	NI
02/07/07	8.41	**1,000.09**	NM	NM	14.82	**1,001.39**	15.11	**1,000.11**	6.28	**1,002.85**	13.34	**1,002.50**	NI	NI
05/30/07	9.14	**999.36**	NM	NM	15.65	**1,000.56**	16.38	**998.84**	8.78	**1,000.35**	14.75	**1,001.09**	NM	NM
09/17/07	9.47	**999.03**	NM	NM	16.86	**999.35**	16.87	**998.35**	10.25	**998.88**	15.67	**1,000.17**	NM	NM
12/04/07	10.57	**997.93**	NM	NM	NM	NM	17.75	**997.47**	11.63	**997.50**	16.62	**999.22**	15.39	**999.61**
03/05/08	8.26	**1,000.24**	NM	NM	16.50	**999.71**	15.59	**999.63**	5.86	**1,003.27**	14.75	**1,001.09**	12.61	**1,002.39**
06/04/08	8.82	**999.68**	NM	NM	15.82	**1,000.39**	16.19	**999.03**	8.56	**1,000.57**	14.66	**1,001.18**	13.46	**1,001.54**
09/09/08	9.42	**999.08**	NM	NM	16.94	**999.27**	16.81	**998.41**	10.34	**998.79**	15.25	**1,000.59**	14.00	**1,001.00**
08/07/09	NM	NM	NM	NM	NM	NM	16.31	**998.91**	NM	NM	NM	NM	NM	NM
11/30/09	6.58	**1,001.92**	NM	NM	13.61	**1,002.60**	14.04	**1,001.18**	5.82	**1,003.31**	11.72	**1,004.12**	10.81	**1,004.19**
02/18/11	7.91	**1,000.59**	NM	NM	14.62	**1,001.59**	15.23	**999.99**	ABN	ABN	13.14	**1,002.70**	ABN	ABN
05/31/11	7.86	**1,000.64**	NM	NM	14.02	**1,002.19**	14.82	**1,000.40**	ABN	ABN	12.65	**1,003.19**	ABN	ABN
10/08/12	NM	NM	NM	NM	16.19	**1,000.02**	16.52	**998.70**	ABN	ABN	NM	NM	ABN	ABN
06/03/13	NM	NM	NM	NM	NM	NM	NM	NM	ABN	ABN	NM	NM	ABN	ABN
07/17/13	6.90	**1,001.60**	5.69	**1,008.00**	13.04	**1,003.17**	14.45	**1,000.77**	ABN	ABN	11.19	**1,004.65**	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:	MW-407		MW-408		MW-409		MW-409D		PZ-1		TW-1		TW-2	
Installation Date:	4/18/2007		4/18/2007		4/19/2007		4/19/2007		4/8/2003		9/17/2005		9/17/2005	
Monitored Zone:	Shallow Residuum		Shallow Residuum		Shallow Residuum		Deep Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum	
Elevation, ft. AMSL[1,2,3]: Access Port/Well Casing.	1,012.890		1,009.910		1,016.360		1,016.070		1,009.286		No Survey		No Survey	
Elevation, ft. AMSL[1]: Well Screen Interval	1003.41-993.41		1003.91-993.91		1006.07-996.07		978.37-985.37		1004.31-989.31		NA		NA	
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL		Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NM	NI	NI	NI	NI	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	4.48	**1,004.81**	NI	NI	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	5.83	**1,003.46**	NI	NI	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	2.02	**1,007.27**	NI	NI	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NI	NI	NI	NI
12/17/03	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NI	NI	NI	NI
04/06/04	NI	NI	NI	NI	NI	NI	NI	NI	7.30	**1,001.99**	NI	NI	NI	NI
07/27/04	NI	NI	NI	NI	NI	NI	NI	NI	3.97	**1,005.32**	NI	NI	NI	NI
07/12/05	NI	NI	NI	NI	NI	NI	NI	NI	1.83	**1,007.46**	NI	NI	NI	NI
09/07/05	NI	NI	NI	NI	NI	NI	NI	NI	6.59	**1,002.70**	14.04	No survey	14.31	No survey
09/19/05	NI	NI	NI	NI	NI	NI	NI	NI	7.20	**1,002.09**	14.37	No survey	13.11	No survey
10/11/05	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	13.69	No survey	12.90	No survey
12/13/05	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	ABN	ABN	ABN	ABN
12/20/05	NI	NI	NI	NI	NI	NI	NI	NI	5.43	**1,003.86**	ABN	ABN	ABN	ABN
01/25/06	NI	NI	NI	NI	NI	NI	NI	NI	2.83	**1,006.46**	ABN	ABN	ABN	ABN
04/10/06	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
05/15/06	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
08/14/06	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
11/07/06	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
02/07/07	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN	ABN	ABN
05/30/07	NM	NM	NM	NM	NM	NM	NM	NM	ABN	ABN	ABN	ABN	ABN	ABN
09/17/07	NM	NM	NM	NM	NM	NM	NM	NM	ABN	ABN	ABN	ABN	ABN	ABN
12/04/07	14.09	**998.80**	11.35	**998.56**	17.32	**999.04**	17.00	**999.07**	ABN	ABN	ABN	ABN	ABN	ABN
03/05/08	12.17	**1,000.72**	6.33	**1,003.58**	15.32	**1,001.04**	15.00	**1,001.07**	ABN	ABN	ABN	ABN	ABN	ABN
06/04/08	12.30	**1,000.59**	9.46	**1,000.45**	15.46	**1,000.90**	15.15	**1,000.92**	ABN	ABN	ABN	ABN	ABN	ABN
09/09/08	12.99	**999.90**	10.32	**999.59**	15.79	**1,000.57**	16.10	**999.97**	ABN	ABN	ABN	ABN	ABN	ABN
08/07/09	NM	NM	NM	NM	NM	NM	NM	NM	ABN	ABN	ABN	ABN	ABN	ABN
11/30/09	9.85	**1,003.04**	7.56	**1,002.35**	12.82	**1,003.54**	12.62	**1,003.45**	ABN	ABN	ABN	ABN	ABN	ABN
02/18/11	ABN	ABN	ABN	ABN	14.08	**1,002.28**	13.80	**1,002.27**	ABN	ABN	ABN	ABN	ABN	ABN
05/31/11	ABN	ABN	ABN	ABN	13.60	**1,002.76**	13.34	**1,002.73**	ABN	ABN	ABN	ABN	ABN	ABN
10/08/12	ABN	ABN	ABN	ABN	NM	NM	NM	NM	ABN	ABN	ABN	ABN	ABN	ABN
06/03/13	ABN	ABN	ABN	ABN	NM	NM	NM	NM	ABN	ABN	ABN	ABN	ABN	ABN
07/17/13	ABN	ABN	ABN	ABN	12.39	**1,003.97**	12.07	**1,004.00**	ABN	ABN	ABN	ABN	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:	TW-3		TMW-1		TMW-2		TMW-3		MW-1 (KEMRON)		MW-2 (KEMRON)	
Installation Date:	9/17/2005		8/5/2008		8/5/2008		8/5/2008		10/9/2003		10/9/2003	
Monitored Zone:	Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum	
Elevation, ft. AMSL[1,2,3]:												
Access Port/Well Casing.	No Survey		No Survey		No Survey		No Survey		No Survey		No Survey	
Elevation, ft. AMSL[1]:												
Well Screen Interval	NA		NA		NA		NA		NA		NA	
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/17/03	NI	NI	NI	NI	NI	NI	NI	NI	25.63	No survey	25.56	No survey
04/06/04	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
07/27/04	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
07/12/05	NI	NI	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
09/07/05	13.85	No survey	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
09/19/05	14.20	No survey	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
10/11/05	13.41	No survey	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
12/13/05	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
12/20/05	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
01/25/06	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
04/10/06	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
05/15/06	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
08/14/06	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
11/07/06	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
02/07/07	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
05/30/07	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
09/17/07	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
12/04/07	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
03/05/08	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
06/04/08	ABN	ABN	NI	NI	NI	NI	NI	NI	ABN	ABN	ABN	ABN
09/09/08	ABN	ABN	10.2	No survey	11.61	No survey	10.90	No survey	ABN	ABN	ABN	ABN
08/07/09	ABN	ABN	NM	No survey	NM	No survey	NM	No survey	ABN	ABN	ABN	ABN
11/30/09	ABN	ABN	7.83	No survey	8.85	No survey	8.36	No survey	ABN	ABN	ABN	ABN
02/18/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
05/31/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
10/08/12	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
06/03/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
07/17/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
2001-2013
ARAMARK Dekalb Site, Atlanta, GA

Observation Well:	**MW-3 (KEMRON)**		**ED-1**		**ED-2**		**ED-3**		**ED-4**		**ED-5**	
Installation Date:		10/9/2003		12/7/2005		12/7/2005		12/7/2005		12/7/2005		12/7/2005
Monitored Zone:		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum		Shallow Residuum
Elevation, ft. AMSL[1,2,3]: Access Port/Well Casing.		No Survey		1028.59		1028.28		1028.89		1028.81		1031.50
Elevation, ft. AMSL[1]: Well Screen Interval		NA		1006.09-996.09		1008.93-998.93		1006.19-996.19		1004.51-994.51		999.40-989.40
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, feet	Ground-Water Elevation, ft. AMSL
08/17/01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/04/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/22/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/02/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/07/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/16/03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/17/03	31.14	No survey	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/06/04	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/27/04	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/12/05	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/05	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/19/05	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
10/11/05	ABN	ABN	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/13/05	ABN	ABN	29.11	**999.48**	26.79	**1,001.49**	28.20	**1,000.69**	28.93	**999.88**	33.51	**997.99**
12/20/05	ABN	ABN	29.88	**998.71**	26.63	**1,001.65**	27.90	**1,000.99**	28.96	**999.85**	33.54	**997.96**
01/25/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
04/10/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
05/15/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
08/14/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
11/07/06	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
02/07/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
05/30/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
09/17/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
12/04/07	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
03/05/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
06/04/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
09/09/08	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
08/07/09	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
11/30/09	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
02/18/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
05/31/11	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
10/08/12	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
06/03/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN
07/17/13	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN	ABN

Notes: See last page of table.

Table 5. Groundwater Elevation Data
ARAMARK DeKalb Site, Atlanta, GA

1.	Feet above mean sea level.
2.	Represents updated top-of-casing elevations. Monitoring wells MW-102, -201 through -205, and PZ-1 were resurveyed on July 30, 2004.
3	Monitoring wells MW-213 and MW-214 were resurveyed on October 21, 2013
NI	Well not installed.
NM	Not measured.
NA	Not Available
ABN	Well Abandoned

Note: No potentiometric data available for: (1) DePaul monitoring wells MW-1, -2, -3, and -4 installed in August 1990 and MW-5, -6, -7, -8, and -9 installed in May 1992; (2) Pickering Environmental Consultants Geoprobe sample points BH-1. BH-2, and BH-2 completed December 2002; (3) QORE Geoprobe Borings B-1, B-2, and B-3; (4) Laws direct Push Borings DP-101, DP-201, DP-103, DP-104, and DP-105; (5) MACTEC Temp. Wells TW-34, TW-35, and TW-36

Table 6. Summary of Constiuents of Concern Detected in Groundwater, July 2013.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-109 07/18/13	MW-110 07/18/13	MW-111 07/18/13	MW-202 07/17/13	MW-204 07/18/13	MW-206 07/18/13	MW-207P 07/18/13	MW-208P 07/18/13	MW-210 07/18/13	MW-211 07/18/13	MW-212 07/19/13	MW-213 07/19/13	MW-214 07/18/13	MW-306 07/18/13
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	**8.5**	<5	**12**	**6.8**	<5	<5	**150**	**130**	<5	**23**
1,1,1-Trichloroethane	µg/L	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**24**	**54**	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	4*	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	**23**	<5	<5	<5	<5	**58**	**160**	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**3.5**	<2	<2
Aromatic Hydrocarbons																
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cyclohexane	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																
2-Butanone (MEK)	µg/L	2,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**160**	<50	<50	<50
Acetone	µg/L	4,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**620**	<50	<50	<50
Bromomethane	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Disulfide	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl-tert-butyl Ether	µg/L	NR	<5	<5	<5	<5	<5	**79**	<5	<5	<5	<5	<5	<5	<5	<5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table 6. Summary of Constiuents of Concern Detected in Groundwater, July 2013.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-401 07/17/13	MW-402 07/18/13	MW-403 07/19/13	MW-405 07/17/13	MW-409 07/18/13	MW-409D 07/18/13
Chlorinated VOCs		Type 1 RRS						
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	**9.7**	<5
1,1,1-Trichloroethane	µg/L	200	<5	<5	<5	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	4*	<4	<4	<4	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	**27**	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	**190**	<2	<2	<2
Aromatic Hydrocarbons								
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	<5	<5	<5	<5	<5
Cyclohexane	µg/L	5*	<5	<5	<5	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs								
2-Butanone (MEK)	µg/L	2,000	<50	<50	<50	<50	<50	<50
Acetone	µg/L	4,000	<50	<50	<50	<50	<50	<50
Bromomethane	µg/L	5*	<5	<5	<5	<5	<5	<5
Carbon Disulfide	µg/L	4,000	<5	<5	<5	<5	<5	<5
Methyl-tert-butyl Ether	µg/L	NR	<5	<5	<5	<5	<5	<5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

FIGURES

SB-11	1/31/2013				2/1/2013
	0-2'	5-6'	10-12'	14-15'	18-20'
Tetrachloroethene	14,800	3,400	87,600	1,320	<6.19
Trichloroethene	<294	<349	7,820	10,400	<6.19
cis-1,2-Dichloroethene	<294	<349	3,890	5,250	6.94
trans-1,2-Dichloroethene	<294	<349	<395	13.6	<6.19

SB-12	2/1/2013			
	0-2'	6-8'	10-12'	14-16'
Tetrachloroethene	17.5	6,340	52,200	18.5
Trichloroethene	<6.40	<253	4,920	10.8
cis-1,2-Dichloroethene	<6.40	<253	941	6.73
trans-1,2-Dichloroethene	<6.40	<253	<323	<5.06

SB-9	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	3,250	39.6	<5.96	<7.17
Trichloroethene	<378	<6.41	<5.96	<7.17
cis-1,2-Dichloroethene	<378	<6.41	<5.96	<7.17
trans-1,2-Dichloroethene	<378	<6.41	<5.96	<7.17

SB-1	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	<5.29	9.96	<5.72	<5.14
Trichloroethene	<5.29	<4.78	<5.72	<5.14
cis-1,2-Dichloroethene	<5.29	<4.78	24.5	<5.14
trans-1,2-Dichloroethene	<5.29	<4.78	<5.72	<5.14

SB-10	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	903	20,900	9,900	<4.82
Trichloroethene	<258	540	2,900	9.64
cis-1,2-Dichloroethene	<258	<410	3,070	<4.82
trans-1,2-Dichloroethene	<258	<410	<310	<4.82

SB-2	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	<4.24	18.5	38.5	<5.49
Trichloroethene	<4.24	<5.2	<4.61	<5.49
cis-1,2-Dichloroethene	<4.24	<5.2	<4.61	<5.49
trans-1,2-Dichloroethene	<4.24	<5.2	<4.61	<5.49

SB-8	1/31/2013			
	0-2'	6-8'	10-12'	14-16'
Tetrachloroethene	10.1	<5.77	<5.60	<6.77
Trichloroethene	<6.27	<5.77	<5.60	<6.77
cis-1,2-Dichloroethene	<6.27	<5.77	<5.60	<6.77
trans-1,2-Dichloroethene	<6.27	<5.77	<5.60	<6.77

SB-3	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	<6.93	7.90	5.19	9.62
Trichloroethene	<6.93	<4.48	<4.22	<6.06
cis-1,2-Dichloroethene	<6.93	<4.48	<4.22	<6.06
trans-1,2-Dichloroethene	<6.93	<4.48	<4.22	<6.06

SB-7	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	8,240	49,800	23.0	<5.44
Trichloroethene	291	2,170	5.93	<5.44
cis-1,2-Dichloroethene	<224	859	5.67	<5.44
trans-1,2-Dichloroethene	<224	<247	<4.59	<5.44

SB-4	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	9,080	8.42	5.50	10.2
Trichloroethene	99.2	<5.24	<5.32	<6.23
cis-1,2-Dichloroethene	<9.53	<5.24	<5.32	<6.23
trans-1,2-Dichloroethene	<9.53	<5.24	<5.32	<6.23

SB-6	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	NSR	9,950	2,410	11.0
Trichloroethene	NSR	<313	<386	<5.37
cis-1,2-Dichloroethene	NSR	<313	<386	<5.37
trans-1,2-Dichloroethene	NSR	<313	<386	<5.37

SB-13	2/1/2013	
	2-4'	6-8'
Tetrachloroethene	<4.91	<4.13
Trichloroethene	<4.91	<4.13
cis-1,2-Dichloroethene	<4.91	<4.13
trans-1,2-Dichloroethene	<4.91	<4.13

SB-16	2/1/2013		
	2-4'	6-8'	10-12'
Tetrachloroethene	6,740	451	<7.49
Trichloroethene	<262	<267	<7.49
cis-1,2-Dichloroethene	<262	<267	<7.49
trans-1,2-Dichloroethene	<262	<267	<7.49

SB-5	1/31/2013			
	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	8,070	29.9	8.39	8.79
Trichloroethene	<298	<4.95	<6.03	<6.03
cis-1,2-Dichloroethene	<298	<4.95	<6.03	<6.03
trans-1,2-Dichloroethene	<298	<4.95	<6.03	<6.03

SB-15	2/1/2013	
	1-2'	6-8'
Tetrachloroethene	33.8	<6.30
Trichloroethene	<8.24	<6.30
cis-1,2-Dichloroethene	<8.24	<6.30
trans-1,2-Dichloroethene	<8.24	<6.30

SB-14	2/1/2013	
	2-4'	6-8'
Tetrachloroethene	4.70	7.56
Trichloroethene	<4.15	<5.87
cis-1,2-Dichloroethene	<4.15	<5.87
trans-1,2-Dichloroethene	<4.15	<5.87

SB-30	5/3/2013			
	0-2'	4-6'	6-8'	10-12'
Tetrachloroethene	7.11	<5.0	3,870	6.59
Trichloroethene	<5.79	<5.0	<7.15	<5.85
cis-1,2-Dichloroethene	<5.79	<5.0	<7.15	<5.85
trans-1,2-Dichloroethene	<5.79	<5.0	<7.15	<5.85

SB-33	5/3/2013			
	0-2'	2-4'	6-8'	10-12'
Tetrachloroethene	<5.19	2,800	<7.40	<4.73
Trichloroethene	<5.19	<5.45	<7.40	<4.73
cis-1,2-Dichloroethene	<5.19	<5.45	<7.40	<4.73
trans-1,2-Dichloroethene	<5.19	<5.45	<7.40	<4.73

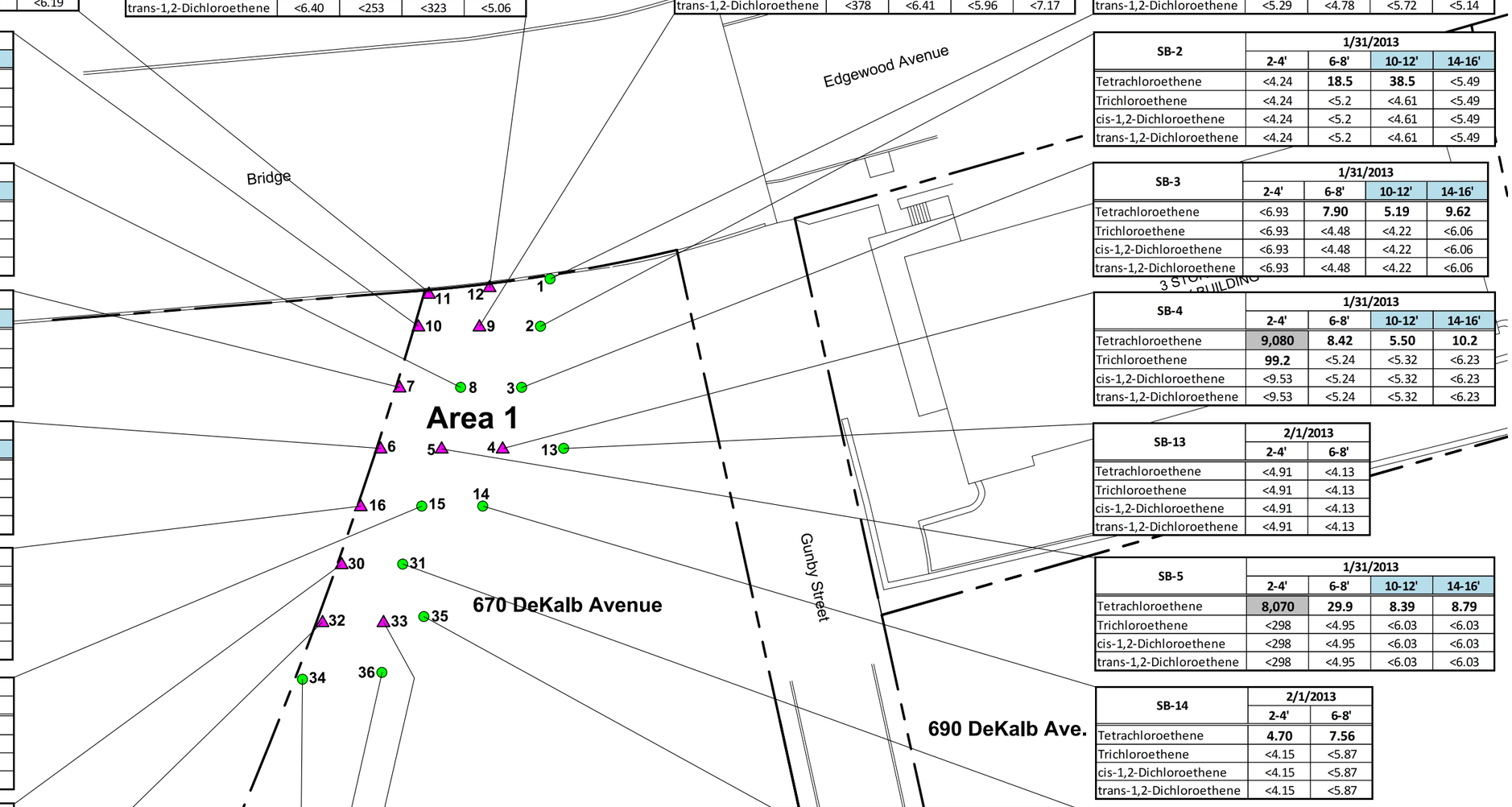
SB-35	5/22/2013	
	0-2'	2-4'
Tetrachloroethene	<8.38	<5.86
Trichloroethene	<8.38	<5.86
cis-1,2-Dichloroethene	<8.38	<5.86
trans-1,2-Dichloroethene	<8.38	<5.86

SB-31	5/3/2013			
	0-2'	2-4'	6-8'	10-12'
Tetrachloroethene	10.5	<7.01	<5.26	<5.44
Trichloroethene	<5.39	<7.01	<5.26	<5.44
cis-1,2-Dichloroethene	<5.39	<7.01	<5.26	<5.44
trans-1,2-Dichloroethene	<5.39	<7.01	<5.26	<5.44

SB-32	5/3/2013			
	0-2'	2-4'	6-8'	10-12'
Tetrachloroethene	<6.66	545	21	<5.14
Trichloroethene	<6.66	<392	<8.15	<5.14
cis-1,2-Dichloroethene	<6.66	<392	<8.15	<5.14
trans-1,2-Dichloroethene	<6.66	<392	<8.15	<5.14

SB-34	5/3/2013	
	0-2'	2-4'
Tetrachloroethene	<6.01	<5.83
Trichloroethene	<6.01	<5.83
cis-1,2-Dichloroethene	<6.01	<5.83
trans-1,2-Dichloroethene	<6.01	<5.83

SB-36	5/22/2013	
	0-2'	2-4'
Tetrachloroethene	<4.96	<6.14
Trichloroethene	<4.96	<6.14
cis-1,2-Dichloroethene	<4.96	<6.14
trans-1,2-Dichloroethene	<4.96	<6.14



Legend

- ▲ - Soil Boring Exceeding Type I RRS
- ● - Soil Boring Below Type I RRS
- Soil Sample Collected Beneath Water Table
- Exceeds Type I RRS for PCE (500 µg/Kg) and TCE (500 µg/Kg)

Note: Units are micrograms per kilogram (µg/Kg)

AEM

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ARAMARK - DeKalb

PROJECT #:	1133-1301	DRAWN BY:	TL2
SCALE:	1"=30'	DATE:	November 20, 2013

Soil Sample Locations and Analytical Results
January 31, February 1, and May 22, 2013

Figure 1

G:\DWG\1133-1401 ARAMARK DeKalb\02\01 670 Soil Samples with Results

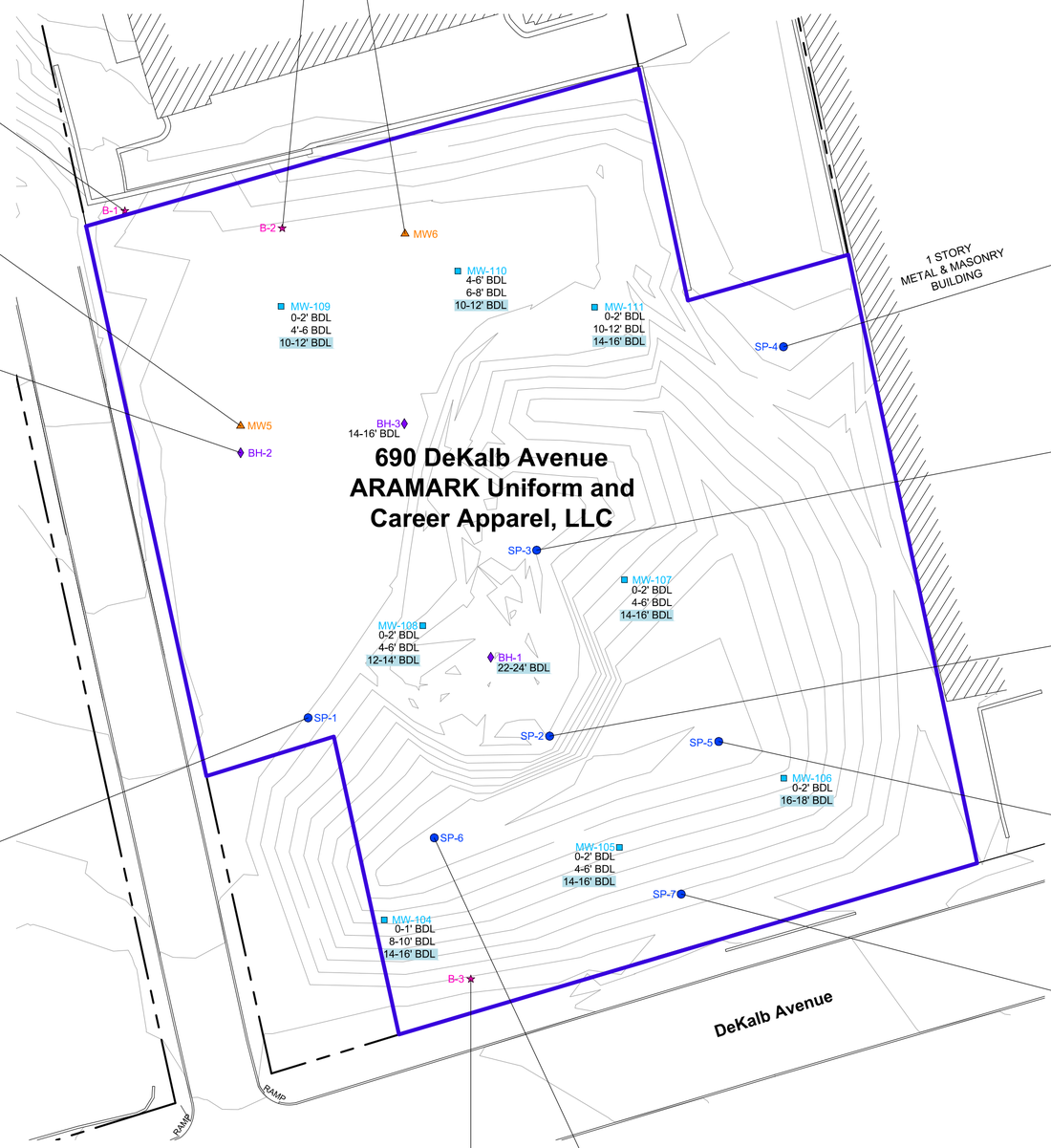
B-2 (Depth Unknown)	
9/28/1999	
Chlorinated VOCs	
Trichloroethene, µg/kg	52
cis-1,2-dichloroethene, µg/kg	334
Vinyl Chloride, µg/kg	109
Aromatic Hydrocarbons	
Ethylbenzene, µg/kg	52
Toluene, µg/kg	334
Xylenes, µg/kg	109

MW-6	5'
5/21/1992	
Toluene, µg/kg	300

B-1 (Depth Unknown)	
9/28/1999	
cis-1,2-dichloroethene, µg/kg	34

MW-5	5'
5/21/1992	
Tetrachloroethene, µg/kg	55
trans-1,2-dichloroethene, µg/kg	164

BH-2	22-24'
11/30/2000	
Chlorinated VOCs	
Tetrachloroethene, µg/kg	217
Trichloroethene, µg/kg	447
1,1-Dichloroethene, µg/kg	5.71
cis-1,2-dichloroethene, µg/kg	273
trans-1,2-dichloroethene, µg/kg	19.2
Vinyl Chloride, µg/kg	324
Aromatic Hydrocarbons	
Benzene, µg/kg	4.4



SP-4	4/11/2013
	0-3'
Barium, mg/kg	116
Cadmium, mg/kg	1.17
Chromium, mg/kg	11.1
Lead, mg/kg	13.4

SP-3	4/11/2013
	0-3'
Barium, mg/kg	68.6
Cadmium, mg/kg	0.882
Chromium, mg/kg	8.44
Lead, mg/kg	12.9

SP-2	4/11/2013
	0-3'
Barium, mg/kg	73.1
Cadmium, mg/kg	0.863
Chromium, mg/kg	7.19
Lead, mg/kg	14.6

SP-5	4/11/2013
	0-3'
Barium, mg/kg	98.9
Cadmium, mg/kg	1.42
Chromium, mg/kg	11.8
Lead, mg/kg	15.4

SP-7	4/11/2013
	0-3'
Barium, mg/kg	93.2
Cadmium, mg/kg	1.72
Chromium, mg/kg	13.1
Lead, mg/kg	23.4

SP-1	4/11/2013
	0-3'
Arsenic	<6.17
Barium	53.3
Cadmium	1.34
Chromium	20.1
Lead	17.9

B-3	5'
9/28/1999	
Ethylbenzene, µg/kg	7
Toluene, µg/kg	6
Xylenes, µg/kg	19

SP-6	4/11/2013
	0-3'
Barium, mg/kg	79
Cadmium, mg/kg	1.16
Chromium, mg/kg	9.32
Lead, mg/kg	16.8

Type I Risk Reduction Standards	
Chlorinated VOCs, µg/kg	
Tetrachloroethene	500
Trichloroethene	500
1,1-Dichloroethene	700
cis-1,2-dichloroethene	7,000
trans-1,2-dichloroethene	10,000
Vinyl Chloride	200
Aromatic Hydrocarbons, µg/kg	
Benzene	500
Ethylbenzene	70,000
Toluene	100,000
Xylenes	1,000,000
Non-Chlorinated VOCs, µg/kg	
2-Butanone	200,000
Acetone	400,000
Methylene Chloride	500
Metals, mg/kg	
Arsenic	20
Barium	1,000
Cadmium	2
Chromium	100
Lead	75

Legend

- AEM Soil Boring (2013)
- DePaul Soil Boring (1992)
- Pickering Soil Boring (2000)
- Qore Soil Boring (1999)
- Bock Soil Boring (2001)
- Exceeds Type I Risk Reduction Standard
- Soil Sample Collected at or Within the Water Table

VOCs - Volatile Organic Compounds

µg/kg - Micrograms per Kilogram

mg/kg - Milligrams per Kilogram

BDL - Below Detection Limits

- Approximate Property Boundary

Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

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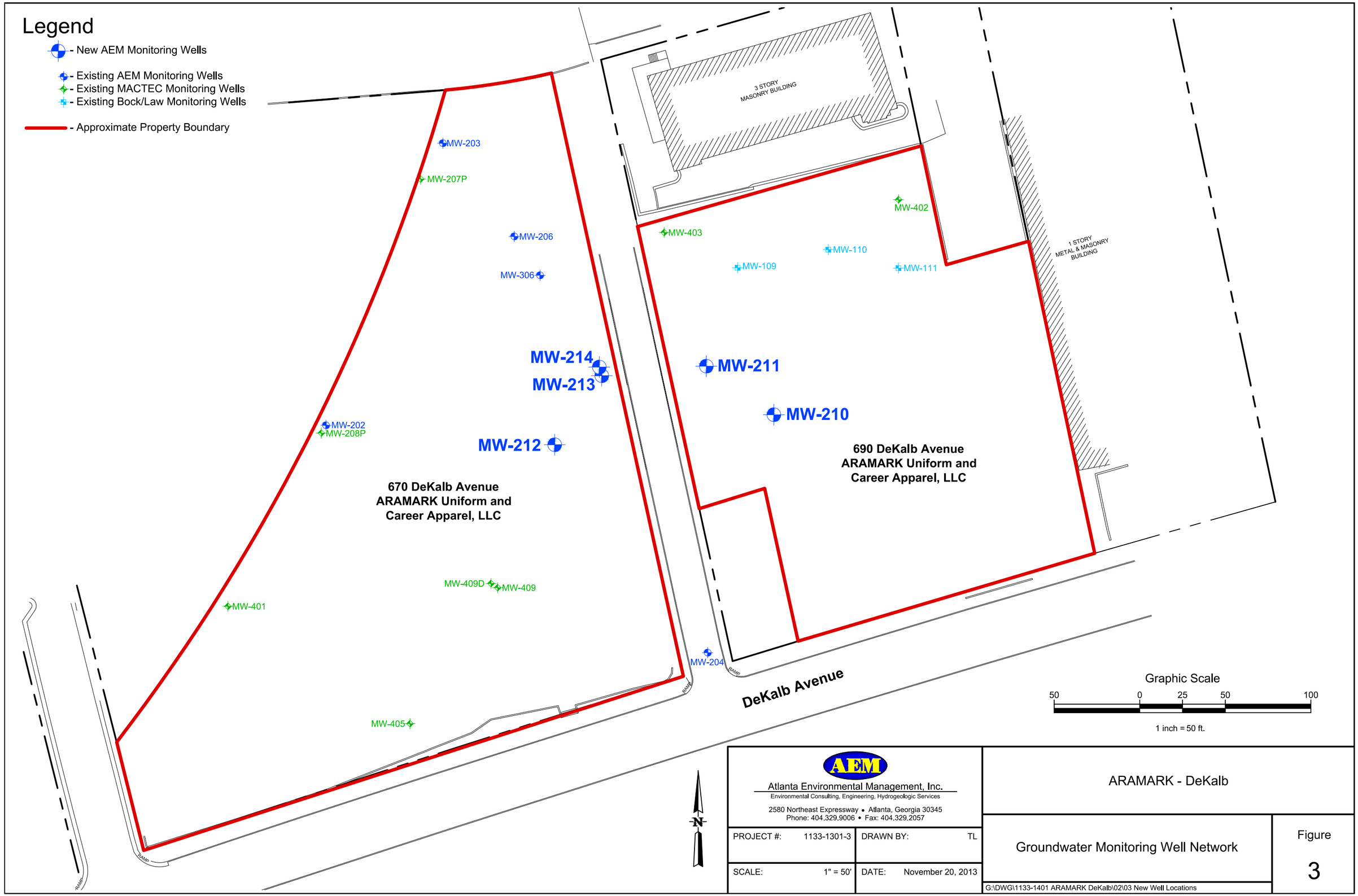
ARAMARK - DeKalb

PROJECT #:	1133-1301-3	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

Historical VOCs and Metals Results for Soil Detected Above Laboratory Reporting Limits
690 DeKalb Avenue

Figure 2

G:\DWG\1133-1401 ARAMARK DeKalb\02\02 690 Soil Samples



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PROJECT #:	1133-1301-3	DRAWN BY:	TL
SCALE:	1" = 50'	DATE:	November 20, 2013

ARAMARK - DeKalb

Groundwater Monitoring Well Network

Figure 3

G:\DWG\1133-1401 ARAMARK DeKalb\02\03 New Well Locations

Pre-Soil Blending (December 2009)

Post-Soil Blending (2013)

Legend

- AEM Groundwater Monitoring Well
- MACTEC Groundwater Monitoring Well
- ⊗ - Abandoned or Demolished Groundwater Monitoring Well

VOCs - Volatile Organic Compounds

µg/L - Micrograms per Liter

BDL - Below Detection Limits

NS - Not Sampled

348 - Total VOCs Concentration, µg/L

Note

MW-205 was destroyed prior to the 2013 sampling event. Historical concentrations of VOCs were stable at approximately 20 µg/L.

Total VOCs Concentrations

- 1,000 to 10,000 µg/L
- 100 to 999 µg/L
- 10 to 99 µg/L
- 5 to 9 µg/L

Graphic Scale

40 0 20 40 80

1 inch = 40 ft.

N

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ARAMARK - DeKalb

Total VOCs in Groundwater
Pre and Post Soil Blending

PROJECT #:	1133-1401-1	DRAWN BY:	TL2
SCALE:	1"=40'	DATE:	November 14, 2013

Figure 4

G:\DWG\1133-1401 ARAMARK DeKalb\01\Total VOCs

Legend

- AEM Monitoring Well
- MACTEC Monitoring Well
- Law Monitoring Well
- Water Table Contour (Dashed Where Inferred)
- Flow Direction

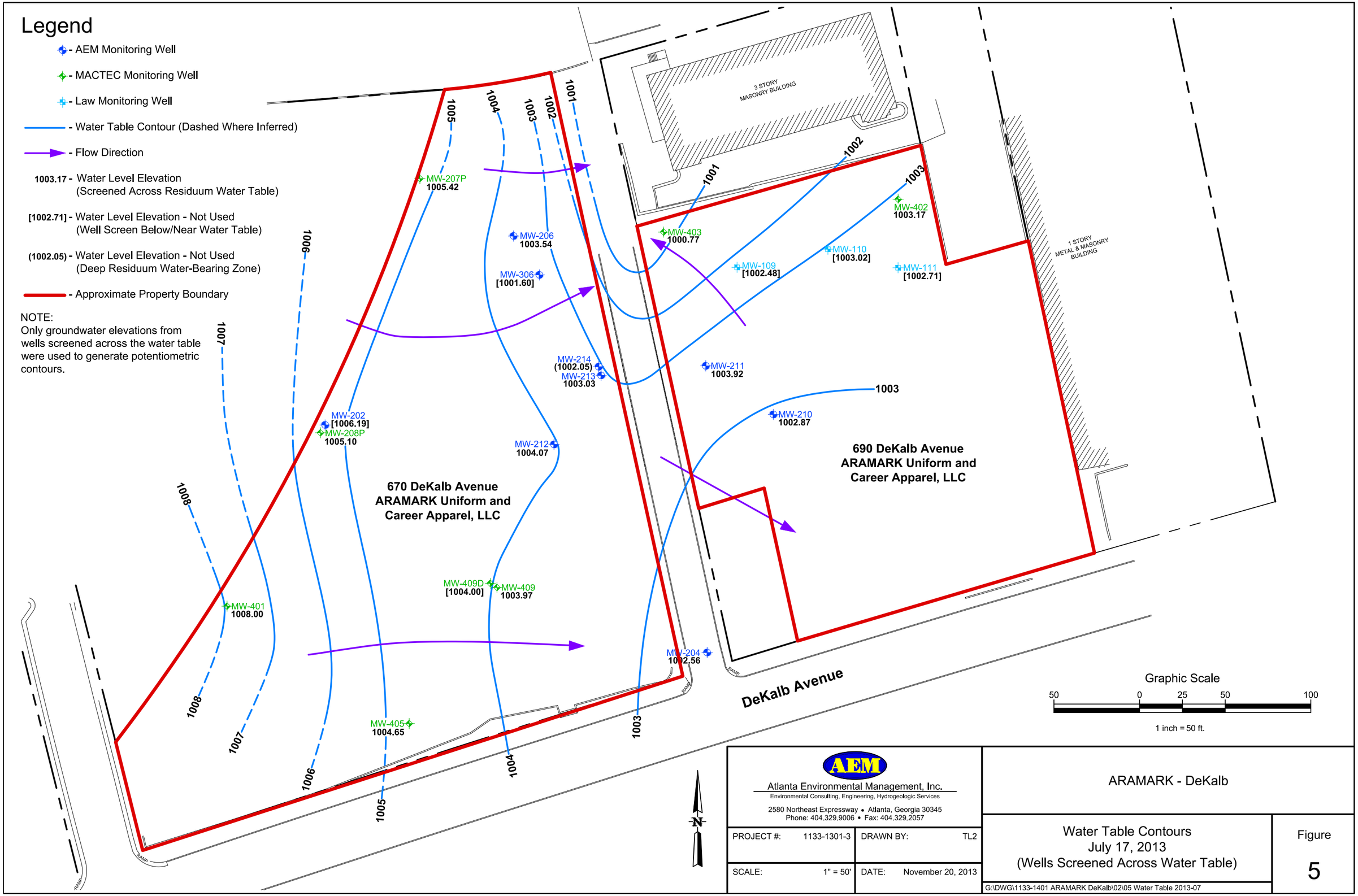
1003.17 - Water Level Elevation (Screened Across Residuum Water Table)

[1002.71] - Water Level Elevation - Not Used (Well Screen Below/Near Water Table)

(1002.05) - Water Level Elevation - Not Used (Deep Residuum Water-Bearing Zone)

- Approximate Property Boundary

NOTE:
Only groundwater elevations from wells screened across the water table were used to generate potentiometric contours.



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PROJECT #:	1133-1301-3	DRAWN BY:	TL2
SCALE:	1" = 50'	DATE:	November 20, 2013

ARAMARK - DeKalb

Water Table Contours
July 17, 2013
(Wells Screened Across Water Table)

Figure
5

G:\DWG\1133-1401 ARAMARK DeKalb\02\05 Water Table 2013-07

Legend

- AEM Monitoring Well
- MACTEC Monitoring Well
- Law Monitoring Well

RRS - Risk Reduction Standard

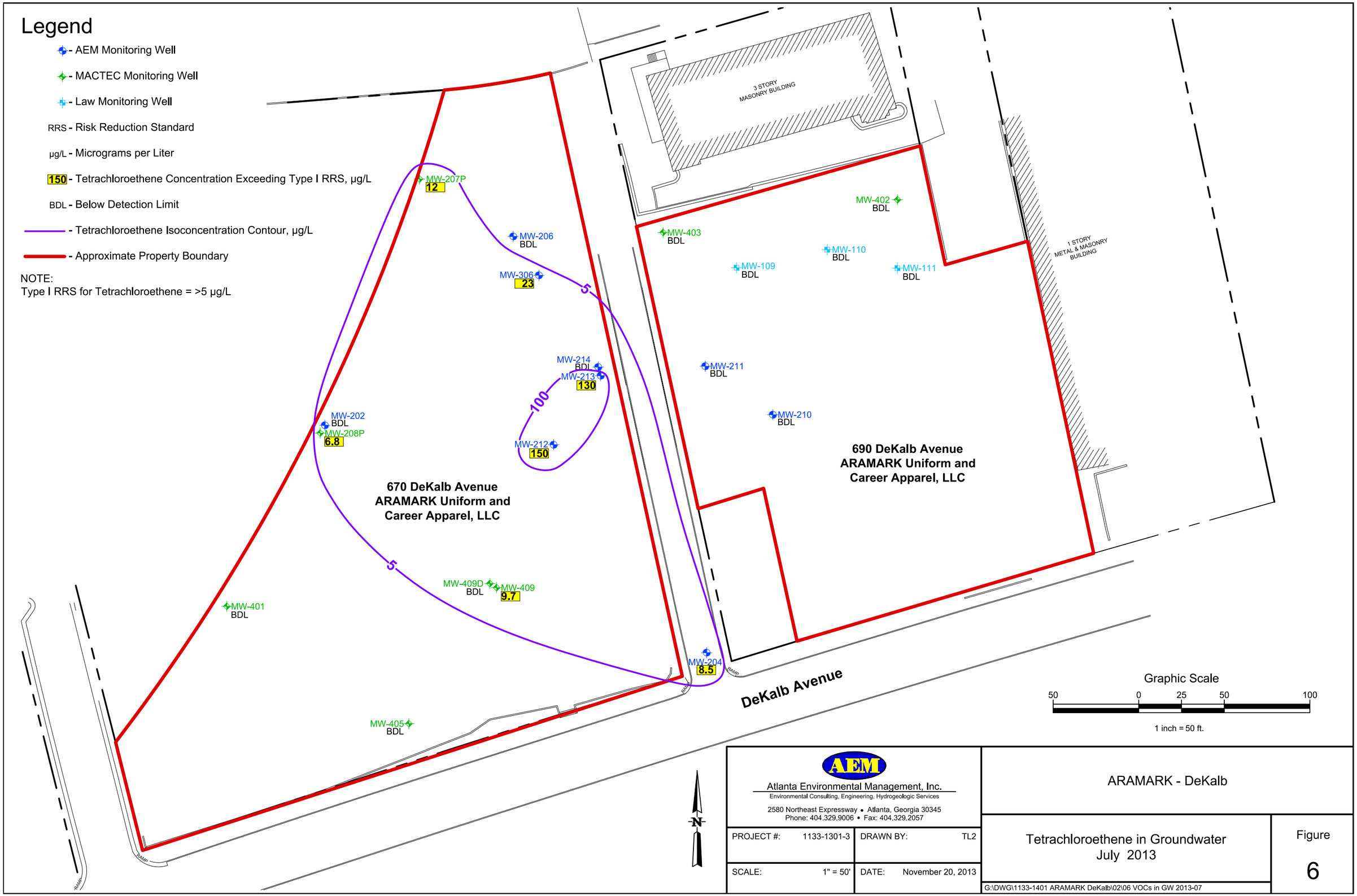
µg/L - Micrograms per Liter

150 - Tetrachloroethene Concentration Exceeding Type I RRS, µg/L

BDL - Below Detection Limit

- Tetrachloroethene Isoconcentration Contour, µg/L
- Approximate Property Boundary

NOTE:
Type I RRS for Tetrachloroethene = >5 µg/L



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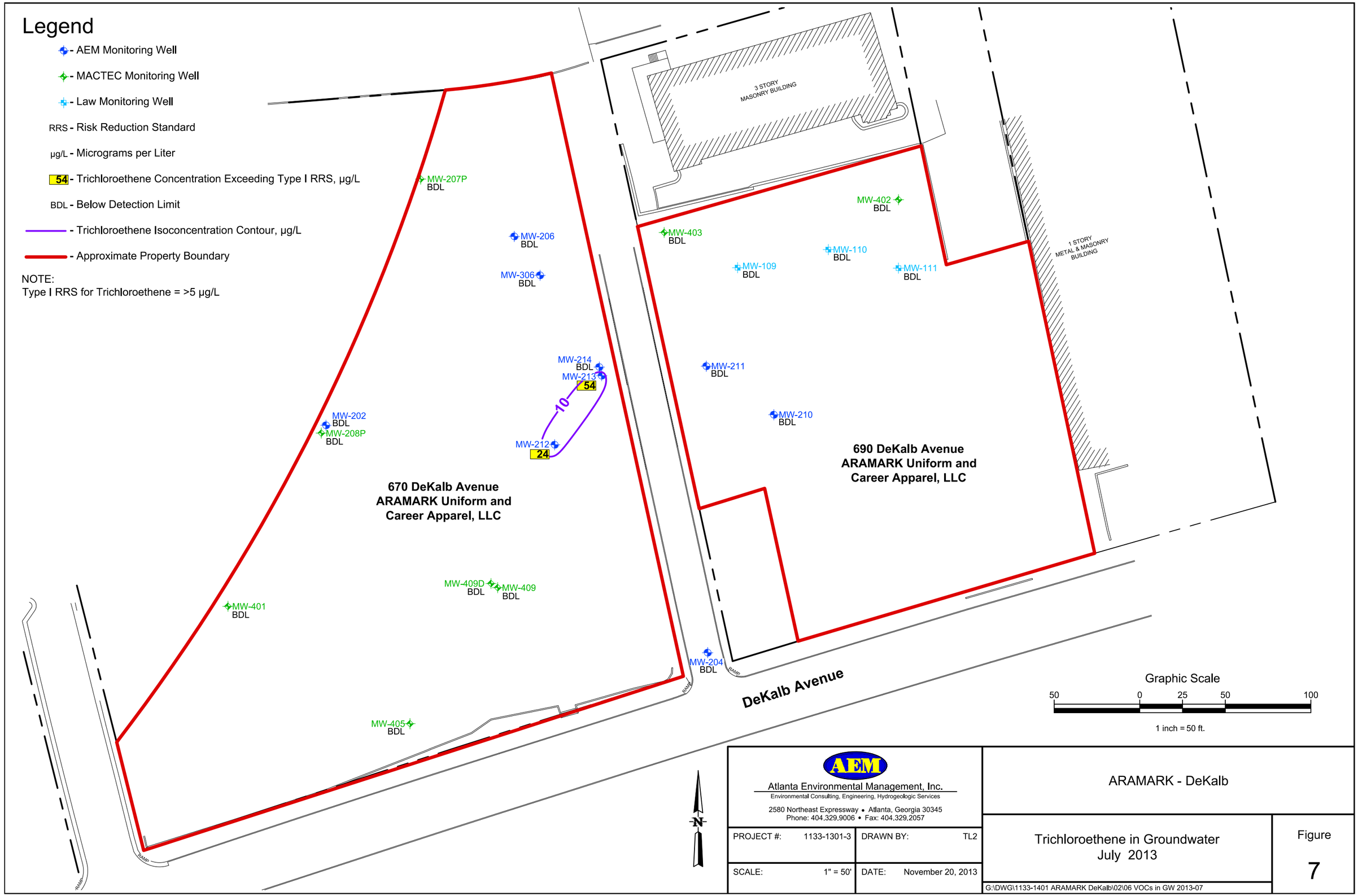
PROJECT #:	1133-1301-3	DRAWN BY:	TL2
SCALE:	1" = 50'	DATE:	November 20, 2013

ARAMARK - DeKalb

Tetrachloroethene in Groundwater
July 2013

Figure
6

G:\DWG\1133-1401 ARAMARK DeKalb\02\06 VOCs in GW 2013-07


Legend
- AEM Monitoring Well
- MACTEC Monitoring Well
- Law Monitoring Well
RRS - Risk Reduction Standard
µg/L - Micrograms per Liter
54 - Trichloroethene Concentration Exceeding Type I RRS, µg/L
BDL - Below Detection Limit
- Trichloroethene Isoconcentration Contour, µg/L
- Approximate Property Boundary
NOTE:
Type I RRS for Trichloroethene = >5 µg/L
3 STORY MASONRY BUILDING
1 STORY METAL & MASONRY BUILDING
MW-207P BDL
MW-206 BDL
MW-306 BDL
MW-214 BDL
MW-213 54
10
MW-202 BDL
MW-208P BDL
MW-212 24
MW-402 BDL
MW-403 BDL
MW-110 BDL
MW-109 BDL
MW-111 BDL
MW-211 BDL
MW-210 BDL
670 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
690 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
MW-409D BDL
MW-409 BDL
MW-401 BDL
MW-204 BDL
MW-405 BDL
RAMP
DeKalb Avenue
Graphic Scale
50 0 25 50 100
1 inch = 50 ft.
N
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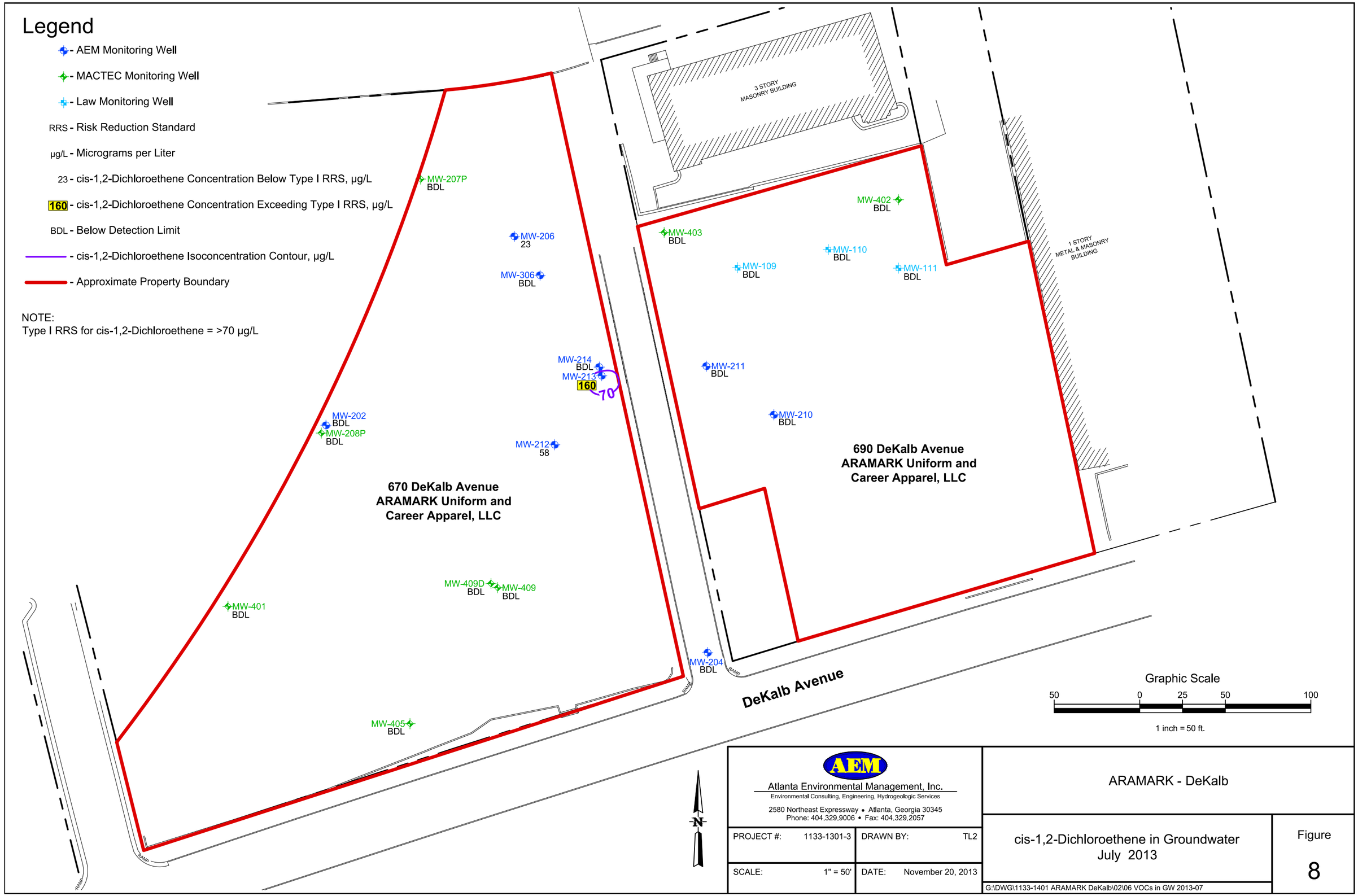
Phone: 404.329.9006 • Fax: 404.329.2057
PROJECT #: 1133-1301-3
DRAWN BY: TL2
SCALE: 1" = 50'
DATE: November 20, 2013
ARAMARK - DeKalb
Trichloroethene in Groundwater
July 2013
Figure
7
G:\DWG\1133-1401 ARAMARK DeKalb\02\06 VOCs in GW 2013-07


Legend
- AEM Monitoring Well
- MACTEC Monitoring Well
- Law Monitoring Well
RRS - Risk Reduction Standard
µg/L - Micrograms per Liter
23 - cis-1,2-Dichloroethene Concentration Below Type I RRS, µg/L
160 - cis-1,2-Dichloroethene Concentration Exceeding Type I RRS, µg/L
BDL - Below Detection Limit
- cis-1,2-Dichloroethene Isoconcentration Contour, µg/L
- Approximate Property Boundary
NOTE:
Type I RRS for cis-1,2-Dichloroethene = >70 µg/L
3 STORY MASONRY BUILDING
1 STORY METAL & MASONRY BUILDING
MW-207P BDL
MW-206 23
MW-306 BDL
MW-402 BDL
MW-403 BDL
MW-110 BDL
MW-109 BDL
MW-111 BDL
MW-214 BDL
MW-213 160
70
MW-211 BDL
MW-210 BDL
MW-202 BDL
MW-208P BDL
MW-212 58
670 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
690 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
MW-409D BDL
MW-409 BDL
MW-401 BDL
MW-204 BDL
MW-405 BDL
DeKalb Avenue
RAMP
Graphic Scale
50 0 25 50 100
1 inch = 50 ft.
N
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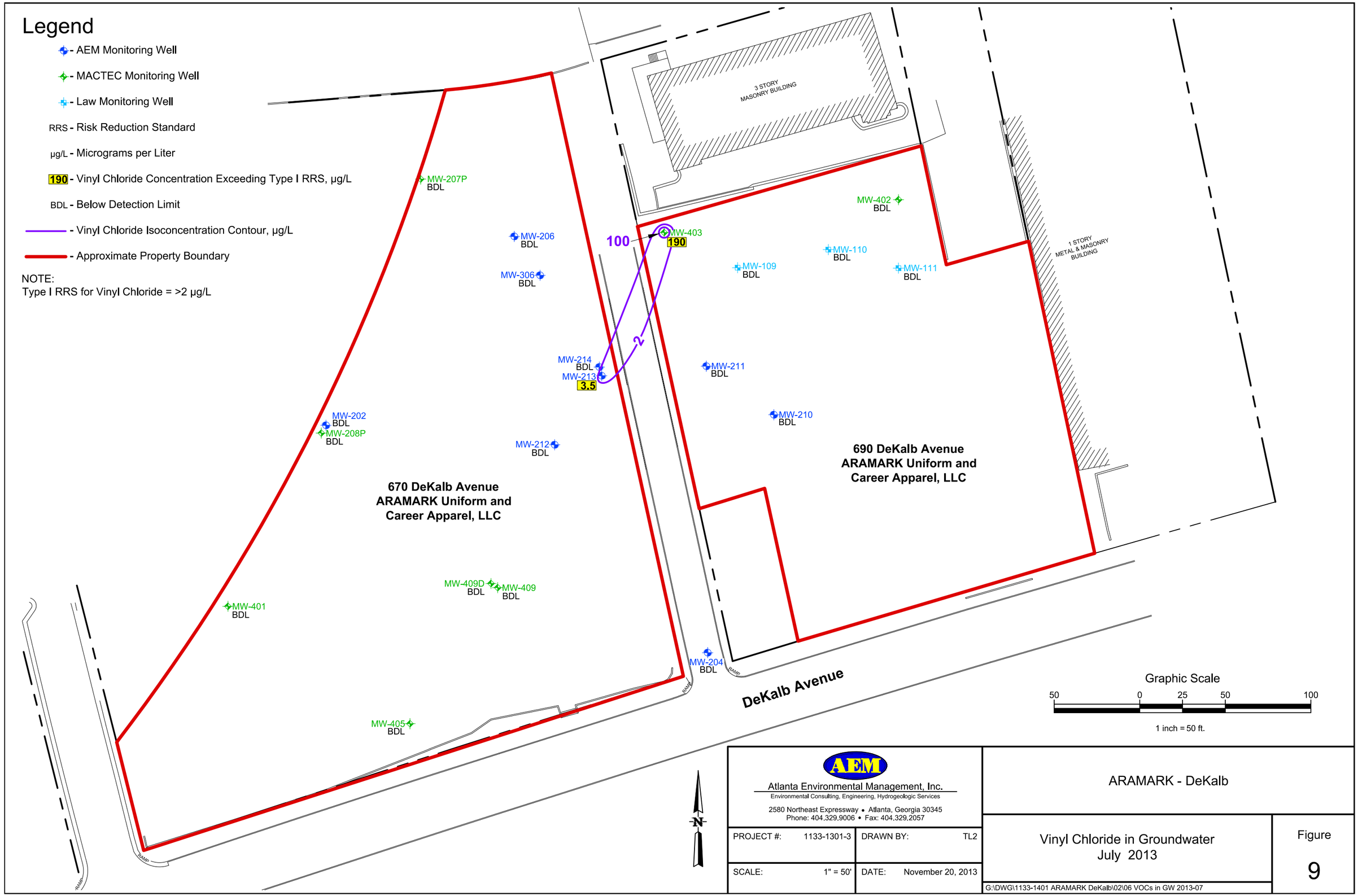
PROJECT #: 1133-1301-3
DRAWN BY: TL2
SCALE: 1" = 50'
DATE: November 20, 2013
ARAMARK - DeKalb
cis-1,2-Dichloroethene in Groundwater
July 2013
Figure
8
G:\DWG\1133-1401 ARAMARK DeKalb\02\06 VOCs in GW 2013-07


Legend
- AEM Monitoring Well
- MACTEC Monitoring Well
- Law Monitoring Well
RRS - Risk Reduction Standard
µg/L - Micrograms per Liter
190 - Vinyl Chloride Concentration Exceeding Type I RRS, µg/L
BDL - Below Detection Limit
- Vinyl Chloride Isoconcentration Contour, µg/L
- Approximate Property Boundary
NOTE:
Type I RRS for Vinyl Chloride = >2 µg/L
3 STORY MASONRY BUILDING
1 STORY METAL & MASONRY BUILDING
MW-207P BDL
MW-206 BDL
MW-306 BDL
MW-403 190
100
2
MW-402 BDL
MW-110 BDL
MW-109 BDL
MW-111 BDL
MW-214 BDL
MW-213 3.5
MW-211 BDL
MW-210 BDL
MW-202 BDL
MW-208P BDL
MW-212 BDL
670 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
690 DeKalb Avenue
ARAMARK Uniform and
Career Apparel, LLC
MW-409D BDL
MW-409 BDL
MW-401 BDL
MW-204 BDL
MW-405 BDL
RAMP
DeKalb Avenue
Graphic Scale
50 0 25 50 100
1 inch = 50 ft.
N
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PROJECT #: 1133-1301-3
DRAWN BY: TL2
SCALE: 1" = 50'
DATE: November 20, 2013
ARAMARK - DeKalb
Vinyl Chloride in Groundwater
July 2013
Figure
9
G:\DWG\1133-1401 ARAMARK DeKalb\02\06 VOCs in GW 2013-07

ATTACHMENT A

Soil Boring Logs

2013

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-1
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	5-6 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	3.4	**Fill:** Red-brown, Silt and fine-medium Sand, trace-little clay, micaceous, very low plasticity, moist (no odor)	SM/SC	Soil Sample (2-4 ft)
3.4	5	No Recovery		
5	8.5	**Fill:** Red-brown, Silt and fine-medium Sand, trace-little clay, micaceous, very low plasticity, very moist (no odor)	SM/SC	Soil Sample (6-8 ft)
8.5	9	**Fill:** Black, coarse Sand and Gravel size fragments (coal/brick/concrete/rock), wet	GW	
9	10	No Recovery		
10	11.5	**Fill:** Black, coarse Sand and Gravel size fragments (coal/brick/concrete/rock), wet	GW	Soil Sample (10-12 ft)
11.5	16	**Saprolite:** Orange-brown, gray, mottled, silt Clay, trace-little fine sand, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft)
16		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-2
Date: 1/31/2013
Driller: Geolab, Inc.
Geologist: Tony L Gordon
Drilling Method: Geoprobe DPT
Water Level: 4-5 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2.5	**Fill:** Red-brown, silty, fine-coarse Sand and Gravel, aboundent concrete fragments, non-plasticity, moist (no odor)	GW	Soil Sample (2-4 ft)
2.5	5	No Recovery		
5	6.5	**Fill:** Orange-brown, brown, Silt, trace-little fine sand, trace clay, non-plastic, very moist/wet (no odor)	ML	
6.5	8	**Fill:** Red-brown, silty Clay, trace fine sand, low-plasticity, wet (no odor)	CL	Soil Sample (6-8 ft)
8	10	No Recovery		
10	10.5	**Fill:** Black, coarse Sand and Gravel size fragments (coal/brick/concrete/rock), wet	GW	Soil Sample (10-12 ft)
10.5	16	**Saprolite:** Orange-brown, red-brown, silt Clay, aboundent seams of fine-coarse sand, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft)
16		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-3
Date: 1/31/2013
Driller: Geolab, Inc.
Geologist: Tony L Gordon
Drilling Method: Geoprobe DPT
Water Level: 3.45 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.5	**Fill:** Black, coarse Sand and Gravel size fragments	GW	Asphalt
0.5	3.4	**Fill:** Red-brown, silty, fine-coarse Sand, non-plasticity, moist (no odor)	SM	Soil Sample (2-4 ft) PID: 0.0 ppm
3.4	5	No Recovery		
5	8.6	**Fill:** Orange-brown, silty Clay, trace fine sand, low-plasticity, wet (no odor)	CL	Soil Sample (6-8 ft) PID: 0.0 ppm
8.6	10	No Recovery		
10	10.5	**Fill:** Black, coarse Sand and Gravel size fragments (coal/brick/concrete/rock), wet	GW	Soil Sample (10-12 ft) PID: 0.5 ppm
10.5	16	**Saprolite:** Orange-brown, red-brown, silt Clay, abundant seams of fine-coarse sand, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.2 ppm
16		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-4
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	3.50 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2	**Fill:** Orange-brown,brown, silty, fine-coarse Sand, trace gravel, non-plastic, moist (no odor)	SM	
2	3	**Fill: D**ark-gray, black, fine-coarse Sand, trace gravel, non-plastic, wet (no odor)	SW	Soil Sample (2-4 ft) PID: 0.0 ppm
3	5	No Recovery		
5	5.5	**Fill:** Black, white, fine-coarse Sand, trace gravel, non-plastic, wet (no odor)	SW	
5.5	8.2	Red-Brown, orange-brown, silty Clay, trace fine sand, low-plasticity, moist (no odor)	CL	Soil Sample (6-8 ft) PID: 0.1 ppm
8.2	10	No Recovery		
10	10.8	Orange-brown, brown, fine-medium Sand, trace clay, very low to non-plastic, very moist	SC	Soil Sample (10-12 ft) PID: 0.1 ppm
10.8	14.5	**Saprolite:** Tan, gray, orange-brown, mottled, silt Clay, trace fine sand, low-medium plasticity, moist (no odor)	CL/CH	
14.5	15	No Recovery		
15	17	Light-gray, silty Clay, trace-little fine sand, low-plasticity, moist (no odor)	CL	Soil Sample (14-16 ft) PID: 0.1 ppm
17		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-5
Date: 1/31/2013
Driller: Geolab, Inc.
Geologist: Tony L Gordon
Drilling Method: Geoprobe DPT
Water Level: 3.47 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2.2	**Fill:** Red-brown, brown, gray, interlayered, fine-coarse Sand and Gravel, non-plastic, moist/wet (no odor)	SW/GW	Soil Sample (0-2 ft) PID: 0.0 ppm
2.2	5	No Recovery		
5	6	**Fill:** Black, fine-coarse Sand and Gravel, non-plastic, wet (no odor)	SW/GW	Soil Sample (6-8 ft) PID: 0.0 ppm
6	8.5	Orange-brown, silty Clay and fine-medium Sand, low-plasticity, moist (no odor)	SC	
8.5	10	No Recovery		
10	14	Orange-brown, silty Clay, trace-little fine sand, low plasticity, moist (no odor)	CL	Soil Sample (10-12 ft) PID: 0.3-0.4 ppm
14	17.5	Light-gray, silty Clay, trace very fine sand, medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.2 ppm
17.5		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-6
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	3.48 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	5	No Recovery		No Sample
5	6.2	**Fill:** Brown, gray, fine-coarse Sand, trace-little gravel,trace silt, non-plastic, wet (no odor)	SW/GW	
6.2	7.8	**Fill:** Black, gray, coarse Sand and Gravel, non-plastic, wet (no odor)	GP	Soil Sample (6-8 ft) PID: 0.0 ppm
7.8	10	No Recovery		
10	15	**Fill:** Black, dark-gray, coarse Sand and Gravel, abounant brick and tile fragments, non-plastic, wet (no odor)	GP	Soil Sample (10-12 ft) PID: 0.0 ppm
15	17.5	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.0 ppm
17.5		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-7
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	3.61 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2	**Fill:** Orange-brown, brown, silty, fine-coarse Sand, trace gravel, non-plastic, moist (no odor)	SM	Soil Sample (0-2 ft) PID: 0.0 ppm
2	5	No Recovery		
5	6	**Fill:** Orange-brown, brown, silty, fine-coarse Sand, trace gravel, non-plastic, wet (no odor)	SM	
6	7.2	**Fill:** Red-brown, Clay and fine-coarse Sand, low-plasticity, moist (no odor)	SC/CL	Soil Sample (6-8 ft) PID: 0.1 ppm
7.2	8	**Fill:** Black, coarse Sand and Gravel, non-plastic, wet (no odor)	GP	
8	10	No Recovery		
10	12.5	**Fill:** Brown, gray, black, coarse Sand and Gravel, non-plastic, wet (no odor)	GP	Soil Sample (10-12 ft) PID: 0.0 ppm
12.5	15	No Recovery		
15	17.5	**Saprolite:** Light-gray, brown, mottled, silty Clay, trace-little very fine sand, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.2 ppm
17.5		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-8
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	3.65 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt		
0.35	2.3	**Fill:** Orange-brown, red-brown, silty, fine-coarse Sand and Gravel, non-plastic, dry/moist (no odor)	SM	Soil Sample (2-4 ft) PID: 0.0 ppm
2.3	5	No Recovery		
5	7	Red-brown, silty Clay, little-some fine-medium sand, low-plasticity, moist/wet (no odor)	CL	Soil Sample (6-8 ft) PID: 0.0 ppm
8	10	No Recovery		
10	11.5	Interlayerd orange-brown, sitly Clay, little fine sand, low-plasticity & orange-brown, fine-coarse Sand, non-plastic, wet (no odor)	CL & SW	Soil Sample (10-12 ft) PID: 0.2 ppm
11.5	14	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace fine sand, low-medium plasticity, moist (no odor)	CL/CH	PID: 0.0 ppm
14	15	No Recovery		
15	17	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace fine sand, low-medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.0 ppm
17		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-9
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	3.45 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2	**Fill:** Black, coarse Sand and Gravel size fragments, non-plastic, dry	GW	PID: 0.0 ppm
2	2.8	**Fill:** Red-brown, Silt, trace-little fine sand, trace clay, micaceous, non-plastic, moist (no odor)	ML/SM	Soil Sample (2-4 ft) PID: 0.1 ppm
2.8	5	No Recovery		
5	7.2	**Fill:** Red-brown, Silt, trace-little fine sand, trace-little clay, micaceous, non-plastic, moist (no odor)	ML/SM	Soil Sample (6-8 ft) PID: 0.0 ppm
7.2	8	**Fill:** Black, fine-coarse Sand and Gravel size fragments, non-plastic, wet	GW	
8	10	No Recovery		
10	12.5	**Saprolite:** Red-brown, gray, mottled, silt Clay, trace-little fine sand, low-plasticity, very moist (no odor)	CL	Soil Sample (10-12 ft) PID: 0.1 ppm
12.5	14	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace fine sand, medium plasticity, moist (no odor)	CH	PID: 0.2 ppm
14	15	No Recovery		
15	17.6	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace-little fine sand, low plasticity, moist (no odor)	CL	Soil Sample (14-16 ft) PID: 0.1 ppm
17.6		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-10
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	4.27 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2.5	**Fill:** Red-brown, brown, silty, fine-coarse Sand, trace clay, trace concrete and brick fragments, non-plastic, moist (no odor)	SM	Soil Sample (2-4 ft) PID: 0.2 ppm
2.5	5	No Recovery		
5	7	**Fill:** Red-brown, brown, silty, fine-coarse Sand, trace clay, trace concrete and brick fragments, non-plastic, moist (no odor)	SM	Soil Sample (6-8 ft) PID: 0.3 ppm
7	7.5	**Fill:** Black, coarse Sand and Gravel, non-plastic, wet (no odor)	GP	
7.5	10	No Recovery		
10	11.5	**Fill:** Red, black, coarse Sand and Gravel, trace red brick fragments, non-plastic, wet (no odor)	GP	Soil Sample (10-12 ft) PID: 0.2 ppm
11.5	15	No Recovery		
15	15.8	**Fill:** Red, black, coarse Sand and Gravel, trace red brick fragments, non-plastic, wet (no odor)	GP	Soil Sample (14-16 ft) PID: 0.1-0.2 ppm
15.8	19	**Saprolite:** Light-gray, orange-brown, mottled, Clay and fine-coares Sand, low-plasticity, very moist (no odor)	SC/CL	
19		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-11
Site	Former Aramark DeKalb Facility	*Date:*	2/1/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	4.27 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	1.5	**Fill:** Red-brown, fine-coarse Sand, trace gravel, non-plastic, moist (no odor)	SM	Soil Sample (0-2 ft) PID: 0.3 ppm
1.5	5	No Recovery		
5	6	**Fill:** Red-brown, Silt, fine Sand, trace clay, non-plastic, wet (no odor)	SM	
6	6.5	**Fill:** Black, fine-coarse Sand and Gravel, non-plastic, wet (no odor)	GW	Soil Sample (6-8 ft) PID: 0.2 ppm
6.5	10	No Recovery		
10	14.5	**Fill:** Dark-gray, black, fine-coarse Sand and Gravel, non-plastic, wet (no odor)	GW	Soil Sample (10-12 ft) PID: 0.0 ppm
14.5	15	No Recovery		
15	21	**Saprolite:** Light blue-gray, silty Clay, little-some fine sand, low-plasticity, very moist/wet (no odor)	SC/CL	Soil Sample (24-25 ft) PID: 0.1 ppm
21	25	**Saprolite:** Orange-brown, white, gray, weakly banded, Silt and fine-coares Sand, trace-clay, trace mica, non-plastic, wet (no odor)	SM	Soil Sample (24-25 ft) PID: 0.0 ppm
25		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-12
Site	Former Aramark DeKalb Facility	*Date:*	2/1/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	5-6 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	1.5	**Fill:** Red-brown, gray, silty, fine-coarse Sand, trace-little clay, aboundant brick and concrete fragments, micaceous, very-low to non-plastic, moist (no odor)	SM	Soil Sample (0-2 ft) PID: 0.0 ppm
1.5	5	No Recovery		
5	6.5	**Fill:** Red-brown, silty Clay, trace-little fine-medium sand, low-plastic, micaceous, wet (no odor)	SM	Soil Sample (6-8 ft) PID: 0.0 ppm
6.5	7.5	**Fill:** Black, fine-coarse Sand, little gravel, little silt, micaceous, non-plastic, wet (no odor)	SM	
7.5	10	No Recovery		
10	12.5	**Fill:** Black, fine-coarse Sand, little gravel, little silt, micaceous, non-plastic, wet (no odor)	SM	Soil Sample (10-12 ft) PID: 0.0 ppm
12.5	14	**Saprolite:** Light-gray, orange-brown, mottled, Clay, trace-little silt, medium-high plasticity, moist (no odor)	CH	PID: 0.1 ppm
14	14.4	**Saprolite:** Light-gray, silty Clay and fine-coarse sand, low-plasticity, very moist/wet (no odor)	SC/CL	PID: 0.0 ppm
14.4	15	No Recovery		
15	17	**Saprolite:** Light-gray, silty Clay and fine-coarse sand, low-plasticity, very moist/wet (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.0 ppm
17		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-13
Site	Former Aramark DeKalb Facility	*Date:*	1/31/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	4.0 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt		
0.35	2.5	**Fill:** Red-brown, silty, fine-coarse Sand, trace clay, micaceous, non-plastic, moist (no odor)	SM	Soil Sample (2-4 ft) PID: 0.1 ppm
2.5	5	No Recovery		
5	8	**Saprolite:** Red-brown, orange-brown, lighty-gray, mottled, silty Clay and fine-coarse Sand, trace mica, low-plasticity, moist (no odor)	CL/SC	Soil Sample (6-8 ft) PID: 0.3 ppm
8	10	No Recovery		
10	15	**Saprolite:** Interlayerd orange-brown, light-gray sitly Clay, little fine sand, low-plasticity & orange-brown, fine-coarse Sand, non-plastic, wet (no odor)	CL & SW	Soil Sample (10-12 ft) PID: 0.2 ppm
11.5	14	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace fine sand, low-medium plasticity, moist (no odor)	CL/CH	PID: 0.0 ppm
14	15	No Recovery		
15	17	**Saprolite:** Light-gray, silty Clay, trace fine sand, medium plasticity, moist (no odor)	CH	Soil Sample (14-16 ft) PID: 0.0 ppm
17		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-14
Date: 2/1/2013
Driller: Geolab, Inc.
Geologist: Tony L Gordon
Drilling Method: Geoprobe DPT
Water Level: 3.5-4 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	3	Red-brown, Silt and fine-medium Sand, trace-little clay, trace gravel, very-low to non-plastic, moist (no odor)	SM	Soil Sample (2-4 ft) PID: 0.1 ppm
3	5	No Recovery		
5	8.5	Red-brown, silty Clay, trace-little fine sand, low-plasticity, very moist/wet (no odor)	SM	Soil Sample (6-8 ft) PID: 0.1 ppm
8.5	10	No Recovery		
10	11	Orange-brown, Clay and fine-coarse Sand, low plasticity, moist (no odor)	CL/SC	Soil Sample (10-12ft) PID: 0.0 ppm
11	16	**Saprolite:** Light-gray, orange-brown, mottled, Clay, little silt, trace fine sand, medium-plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.0 ppm
16	18	**Saprolite:** Light-gray, Clay and fine-coarse Sand, low-medium plasticity, moist (no odor)	CL/SC	PID: 0.2 ppm
18		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-15
Site	Former Aramark DeKalb Facility	*Date:*	2/1/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	4.02 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2	**Fill:** Red, red-brown, brown, fine-coarse Sand, little gravel fragments (rock, brick, and concrete), non-plastic, dry/moist (no odor)	SM/GW	Soil Sample (1-2 ft) PID: 0.2 ppm
2	5	No Recovery		
5	7.5	Brown, orange-brown, silty Clay, little-some fine-medium sand, low-plasticity, wet (no odor)	CL	Soil Sample (6-8 ft) PID: 0.1 ppm
7.5	10	No Recovery		
10	12	**Saprolite:** Orange-brown, light-gray, Clay, little silt, trace very fine sand, medium plasticity,very moist (no odor)	CH	Soil Sample (10-12 ft) PID: 0.2 ppm
12	15	No Recovery		
15	17.5	**Saprolite:** Light-gray, Clay, trace-some fine-medium sand, trace silt, medium plasticity, moist (no odor)	CL/CH	Soil Sample (14-16 ft) PID: 0.0 ppm
17.5		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-16
Site	Former Aramark DeKalb Facility	*Date:*	2/1/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	4.50 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2	**Fill:** Brown, red-brown, red, silty Clay and fine-coarse Sand, aboundant brick, fragments, little gravel, low-plastic, moist (no odor)	CL/SC	No Sample
2	2.5	**Fill:** Black, brown, fine-coarse Sand, little gravel, non-plastic, wet (no odor)		Soil Sample (2-4 ft) PID: 0.1 ppm
2.5	5	No Recovery		
5	7.5	**Fill:** Black, gray, orange-brown, fine-coarse Sand, little silty clay, aboundant gravel fragments (coal/brick), non-plastic, wet (no odor)	SW/GW	Soil Sample (6-8 ft) PID: 0.0 ppm
7.5	10	No Recovery		
10	11	**Fill: C**oarse Sand, Pebble, Gravel (clean-washed/no fines), wet (no odor)	GW	
11	13	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, little fine sand. low plasticity, moist (no odor)	CL	Soil Sample (10-12 ft) PID: 0.2 ppm
13	15	No Recovery		
15	17	**Saprolite:** Light-gray, orange-brown, mottled, Clay, little silt, fine sand, medium plasticity, moist (no odor)	CH	Soil Sample (14-16 ft) PID: 0.1 ppm
17		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-30
Date: 5/3/2013
Driller: Geolab, Inc.
Geologist: Tony L Gordon
Drilling Method: Geoprobe DPT
Water Level: 5-6 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	2.5	**Fill:** Brown, red-brown, red, silty fine-coarse Sand, trace clay, aboundant concete and brick fragments, little gravel, non-plastic, moist (no odor)	SM	Soil Sample (0-2 ft) No Odor
2.5	3.5	**Fill:** Red-brown, silty-clayey, fine-medium Sand, micaceous, vey low plasticity, moist	SC	Soil Sample (2-4 ft) No Odor
3.5	5	No Recovery		
5	6	**Fill: G**ray, orange-brown, brown, silty Clay, little fine-coarse sand, low-plasticity, very moist/wet	CL	No Odor
6	10.8	**Fill:** Black, dark-gray, fine-coarse Sand and gravel (coal/rock), non-plastic, wet	GW	Soil Sample (6-8 ft) No Odor
10.8	14	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace-little fine sand, low plasticity, moist	CL	Soil Sample (10-12 ft) No Odor
14	15	No Recovery		
15		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-31
Site	Former Aramark DeKalb Facility	*Date:*	5/3/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	5-6 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt Paving		
0.35	0.85	**Fill:** Black dark-gray**,** fine-coarse Sand and Gravel, non-plastic, moist	GW	
0.85	2.5	**Fill:** Red-brown, silty, fine-coarse Sand, aboundant gravel size fragments (rock, brick, and concrete), moist	GW	Soil Sample (0-2 ft) No Odor
2.5	3.5	Red-brown, silty-clayey, fine-medium Sand, micaceous, very-low plasticity, moist		Soil Sample (2-4 ft) No Odor
3.5	5	No Recovery		
5	10	Red-brown, orange-brown, tan-brown, silty Clay and fine-medium Sand, low-plasticity, moist/wet	CL/SC	Soil Sample (6-8 ft) No Odor
10	12.5	Red-brown, orange-brown, tan-brown, silty Clay and fine-medium Sand, low-plasticity, moist/wet	CL/SC	Soil Sample (10-12 ft) No Odor
12.5	15	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, little-some fine-medium sand, low-medium plasticity, moist (no odor)	CL	No Odor
15		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-32
Site	Former Aramark DeKalb Facility	*Date:*	5/3/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	5.5 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	1.5	**Fill:** Red-brown, silty Clay, little-some, fine-coarse sand, trace gravel, micaceous , moist	CL	Soil Sample (0-2 ft) No Odor
1.5	3.6	**Fill:** Red-brown, gray, black, fine-coares Sand and Gravel size fragments (concete, rock, and brick)	GW	Soil Sample (2-4 ft) No Odor
3.6	5	No Recovery		
5	7.7	**Fill:** Red-brown, gray, black, fine-coares Sand and Gravel size fragments (concete, rock, and brick), trace metal fragments	GW	Soil Sample (6-8 ft) No Odor
7.7	10	No Recovery		
10	11.5	**Fill:** Red-brown, gray, black, fine-coares Sand and Gravel size fragments (concete, rock, and brick)	GW	No Odor
11.5	12	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay, trace fine sand, low plasticity, moist/wet	CL	Soil Sample (10-12 ft) No Odor
12	15	No Recovery		
15		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-31
Site	Former Aramark DeKalb Facility	*Date:*	5/3/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	10.6 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt Paving		
0.35	2	**Fill: G**ray**,** red-brown, orange brown, fine-coarse Sand, trace-little silt, aboundant red brick fragments, non-plastic, moist	SM/SW	Soil Sample (0-2 ft) No Odor
2	3	**Fill:** Red-brown, dark-gray, silty, fine-medium Sand, traclittle clay, low-plasticity, moist	SC	Soil Sample (2-4 ft) No Odor
3	5	No Recovery		
5	5.5	**Fill:** Red-brown, dark-gray, silty, fine-medium Sand, traclittle clay, low-plasticity, moist	SC	No Odor
5.5	8.5	Red-brown, orange-brown, silty Clay, little-some fine sand, lowmedium plasticity, very moist	CL	Soil Sample (6-8 ft) No Odor
8.5	10	No Recovery		
10	11.5	Orange-brown, tan-brown, silty, fine-coarse Sand, trace-little clay, non-plastic, wet	SM	Soil Sample (10-12 ft) No Odor
11.5	14.2	**Saprolite:** Light-gray, orange-brown, mottled, silty Clay and fine Sand, low plasticity, moist/wet	CL/SC	No Odor
15		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-34
Site	Former Aramark DeKalb Facility	*Date:*	5/3/2013
Address:	670 DeKalb Avenue	*Driller:*	Geolab, Inc.
City:	Atlanta	*Geologist:*	Tony L Gordon
State:	Georgia	*Drilling Method:*	Geoprobe DPT
Zip:	30307	*Water Level:*	5.8 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt Paving		
0.35	2	**Fill:** Red-brown, orange-brown, silty-clayey, fine-coarse Sand, low-to non-plastic, moist	SC	Soil Sample (0-2 ft) No Odor
2	2.5	**Fill:** Red-brown, gray, black, fine-coares Sand and Gravel size fragments (concete, rock, and brick)	GW	No Odor
2.5	4	**Fill:** Red-brown, silty Clay and fine-medium Sand, micaceous, low-plasticty, moist		Soil Sample (2-4 ft) No Odor
4	4.5	**Fill:** Red-brown, gray, black, fine-coares Sand and Gravel size fragments (concete, rock, and brick)	GW	No Odor
4.5	5	No Recovery		
5	7	**Fill:** dark-gray, black, fine-coares Sand and Gravel, trece silt and clay, non-plastic, wet	GW	Soil Sample (6-8 ft) No Odor
7	8	**Fill:** Gray, brown, orange-brown, medium-coarse Sand, trace gravel, non-plastic, wet	SP	No Odor
8	10	No Recovery		
10	15	**Saprolite:** Light-gray, orange-brown, brown, mottled, silty Clay, little-some fine sand, low-medium plasticity, moist/wet	CL	Soil Sample (10-12 ft) No Odor
15		Terminate Soil Boring		

Atlanta Environmental Management, Inc.
Soil Boring Log

Client: Aramark Uniform & Career Apparel, LLC
Site Former Aramark DeKalb Facility
Address: 670 DeKalb Avenue
City: Atlanta
State: Georgia
Zip: 30307

Boring Name: SB-35
Date: 5/22/2013
Driller: NA
Geologist: Gerald Ingle
Drilling Method: Hand Auger
Water Level: 8 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt Paving		
0.35	2	Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (0-2 ft) No Odor
2	4	Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (2-4 ft) No Odor
4	8	Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (6-7 ft) No Odor; wet at 7 ft

Atlanta Environmental Management, Inc.
Soil Boring Log

Client:	Aramark Uniform & Career Apparel, LLC	*Boring Name:*	SB-36
Site	Former Aramark DeKalb Facility	*Date:*	5/22/2013
Address:	670 DeKalb Avenue	*Driller:*	NA
City:	Atlanta	*Geologist:*	Gerald Ingle
State:	Georgia	*Drilling Method:*	Hand Auger
Zip:	30307	*Water Level:*	8 ft BGS

Depth (feet bls) From	To	Lithologic Description	USCS Classification	Remarks
0	0.35	Asphalt Paving		
0.35	2	Gravel encountered, approximately six inches thick; Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (0-2 ft) No Odor
2	4	Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (2-4 ft) No Odor
5	8	Dark Brown with Black very fine sandy silt	ML/SM	Soil Sample (6-8 ft) Petroleum Odor

ATTACHMENT B

2013 Soil Boring

Laboratory Analytical Reports

FLORIDA DEPARTMENT OF

HEALTH

State of Florida
Department of Health, Bureau of Laboratories

This is to certify that

E87429

XENCO LABORATORIES - ATLANTA
6017 FINANCIAL DRIVE
NORCROSS, GA 30071

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2012 Expiration Date: June 30, 2013

Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E87429-27-07/01/2012
Supersedes all previously issued certificates

Analytical Report 456741

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

05-FEB-13

Collected By: Client

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Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

05-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456741**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456741. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456741 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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Sample Cross Reference 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1 (2-4')	S	01-31-13 08:45	2 - 4 ft	456741-001
SB-1 (6-8')	S	01-31-13 08:50	6 - 8 ft	456741-002
SB-1 (10-12')	S	01-31-13 08:55	10 - 12 ft	456741-003
SB-1 (14-16')	S	01-31-13 09:00	14 - 16 ft	456741-004
SB-2 (2-4')	S	01-31-13 09:35	2 - 4 ft	456741-005
SB-2 (6-8')	S	01-31-13 09:40	6 - 8 ft	456741-006
SB-2 (10-12')	S	01-31-13 09:48	10 - 12 ft	456741-007
SB-2 (14-16')	S	01-31-13 09:50	14 - 16 ft	456741-008
SB-3 (2-4')	S	01-31-13 10:10	2 - 4 ft	456741-009
SB-3 (6-8')	S	01-31-13 10:15	6 - 8 ft	456741-010
SB-3 (10-12')	S	01-31-13 10:20	10 - 12 ft	456741-011
SB-3 (14-16')	S	01-31-13 10:25	14 - 16 ft	456741-012
SB-4 (2-4')	S	01-31-13 10:48	2 - 4 ft	456741-013
Trip Blank 1	W	01-31-13 00:00		456741-014
Trip Blank 2	W	01-31-13 00:00		456741-015

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-905889 VOCs by SW-846 8260B
Batch 905889, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis
Samples affected are: 456741-013,456741-012.

The responses of one or more internal standards were outside the method specified limit (low) due to possible matrix interferences and/or sample heterogeneity. The samples were reanalyzed, and results were confirmed: 455741-003,455741-007,455741-013.

Batch: LBA-905957 VOCs by SW-846 8260B
Batch 905957, Styrene recovered below QC limits in the Matrix Spike Duplicate. Samples affected are: 456741-014, -015. The Laboratory Control Sample for Styrene is within laboratory Control Limits.

Batch 905957, 1,1,2-Trichloro-1,2,2-trifluoroethane , 2-Butanone (MEK), Dichlorodifluoromethane RPD was outside QC limits. Samples affected are: 456741-014, -015.

Batch: LBA-905960 VOCs by SW-846 8260B
Batch 905960, 1,4-Dichlorobenzene recovered above QC limits in the laboratory control sample. Samples affected are: 456741-010.

Batch 905960, Acetone, Methyl acetate RPD was outside laboratory control limits. Samples affected are: 456741-010

Batch 905960, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP) , 1,2-Dibromoethane (EDB), 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) , Acetone, Bromochloromethane, Bromoform, Carbon tetrachloride , Cyclohexane, Methyl acetate , Methyl tert-butyl ether, Methylcyclohexane, Naphthalene RPD was outside QC limits. Samples affected are: 456741-010.

Batch 905960, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis. Samples affected are: 456765-002 S,456741-010.

Batch 905960, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methyl acetate recovered above QC limits in the Matrix Spike. 1,1,1-Trichloroethane, 1,1-Dichloroethane, Chloroform, Methylcyclohexane, Tetrachloroethene, Trichloroethene, m,p-Xylenes recovered above QC limits in the Matrix Spike Duplicate. Samples affected are: 456741-010. The Laboratory Control Sample for Acetone, 1,2-Dibromo-3-chloropropane (DBCP) , 1,1-Dichloroethane, Methyl acetate , Methylcyclohexane, Trichloroethene, m,p-Xylenes, Chloroform, Tetrachloroethene , 1,1,1-Trichloroethane is within laboratory Control Limits.

Batch 905960: The responses of one or more internal standards were outside the method specified limit (low) for the MS. The parent sample and MSD internal standard responses were within the acceptable limits: 456765-002S

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-1 (6-8')**	Matrix:	**Soil**	% Moisture:	**23.95**
Lab Sample Id:	**456741-002**	Date Collected:	**01.31.13 08.50**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	9.96	ug/kg	01.31.13 12.45		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-1 (10-12')**	Matrix:	**Soil**	% Moisture:	**18.61**
Lab Sample Id:	**456741-003**	Date Collected:	**01.31.13 08.55**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	133	ug/kg	01.31.13 13.13		1
cis-1,2-Dichloroethene	156-59-2	24.5	ug/kg	01.31.13 13.13		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-2 (6-8')**	Matrix:	**Soil**	% Moisture:	**23.96**
Lab Sample Id:	**456741-006**	Date Collected:	**01.31.13 09.40**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	18.5	ug/kg	01.31.13 14.37		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-2 (10-12')**	Matrix:	**Soil**	% Moisture:	**21.8**
Lab Sample Id:	**456741-007**	Date Collected:	**01.31.13 09.48**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	38.5	ug/kg	01.31.13 15.05		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-3 (6-8')**	Matrix:	**Soil**	% Moisture:	**22.89**
Lab Sample Id:	**456741-010**	Date Collected:	**01.31.13 10.15**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	7.90	ug/kg	01.31.13 23.13		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-3 (10-12')**	Matrix:	**Soil**	% Moisture:	**24.49**
Lab Sample Id:	**456741-011**	Date Collected:	**01.31.13 10.20**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	5.19	ug/kg	01.31.13 17.00		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-3 (14-16')**	Matrix:	**Soil**	% Moisture:	**25.24**
Lab Sample Id:	**456741-012**	Date Collected:	**01.31.13 10.25**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	9.62	ug/kg	01.31.13 17.29		1

Hits Summary 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-4 (2-4')**	Matrix:	**Soil**	% Moisture:	**36.96**
Lab Sample Id:	**456741-013**	Date Collected:	**01.31.13 10.48**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**01.31.13 10.58**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 11.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	99.2	ug/kg	01.31.13 17.57		1

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	9080	ug/kg	01.31.13 21.48	D	50

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-001** Date Collected: 01.31.13 08.45 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.83
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,1-Dichloroethane	75-34-3	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,1-Dichloroethene	75-35-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2-Dichloroethane	107-06-2	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,2-Dichloropropane	78-87-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.29	ug/kg	01.31.13 12.17	U	1
2-Butanone (MEK)	78-93-3	BRL	52.9	ug/kg	01.31.13 12.17	U	1
2-Hexanone	591-78-6	BRL	52.9	ug/kg	01.31.13 12.17	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	52.9	ug/kg	01.31.13 12.17	U	1
Acetone	67-64-1	BRL	52.9	ug/kg	01.31.13 12.17	U	1
Benzene	71-43-2	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Bromochloromethane	74-97-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Bromodichloromethane	75-27-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Bromoform	75-25-2	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Bromomethane	74-83-9	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Carbon disulfide	75-15-0	BRL	42.3	ug/kg	01.31.13 12.17	U	1
Carbon tetrachloride	56-23-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Chlorobenzene	108-90-7	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Chloroethane	75-00-3	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Chloroform	67-66-3	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Chloromethane	74-87-3	BRL	10.6	ug/kg	01.31.13 12.17	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.29	ug/kg	01.31.13 12.17	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Cyclohexane	110-82-7	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Dibromochloromethane	124-48-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Ethylbenzene	100-41-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Isopropylbenzene	98-82-8	BRL	5.29	ug/kg	01.31.13 12.17	U	1
m,p-Xylenes	179601-23-1	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Methyl acetate	79-20-9	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Methylcyclohexane	108-87-2	BRL	5.29	ug/kg	01.31.13 12.17	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-001** Date Collected: 01.31.13 08.45 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 21.83

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.1	ug/kg	01.31.13 12.17	U	1
Naphthalene	91-20-3	BRL	5.29	ug/kg	01.31.13 12.17	U	1
o-Xylene	95-47-6	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Styrene	100-42-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Tetrachloroethene	127-18-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Toluene	108-88-3	BRL	5.29	ug/kg	01.31.13 12.17	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.29	ug/kg	01.31.13 12.17	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Trichloroethene	79-01-6	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Trichlorofluoromethane	75-69-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1
Vinyl chloride	75-01-4	BRL	5.29	ug/kg	01.31.13 12.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	144	%	50-150	01.31.13 12.17	
4-Bromofluorobenzene	460-00-4	107	%	57-158	01.31.13 12.17	
Toluene-D8	2037-26-5	101	%	50-150	01.31.13 12.17	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-002** Date Collected: 01.31.13 08.50 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 23.95
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,1-Dichloroethane	75-34-3	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,1-Dichloroethene	75-35-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2-Dichloroethane	107-06-2	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,2-Dichloropropane	78-87-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.78	ug/kg	01.31.13 12.45	U	1
2-Butanone (MEK)	78-93-3	BRL	47.8	ug/kg	01.31.13 12.45	U	1
2-Hexanone	591-78-6	BRL	47.8	ug/kg	01.31.13 12.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	47.8	ug/kg	01.31.13 12.45	U	1
Acetone	67-64-1	BRL	47.8	ug/kg	01.31.13 12.45	U	1
Benzene	71-43-2	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Bromochloromethane	74-97-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Bromodichloromethane	75-27-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Bromoform	75-25-2	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Bromomethane	74-83-9	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Carbon disulfide	75-15-0	BRL	38.2	ug/kg	01.31.13 12.45	U	1
Carbon tetrachloride	56-23-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Chlorobenzene	108-90-7	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Chloroethane	75-00-3	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Chloroform	67-66-3	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Chloromethane	74-87-3	BRL	9.56	ug/kg	01.31.13 12.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.78	ug/kg	01.31.13 12.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Cyclohexane	110-82-7	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Dibromochloromethane	124-48-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Ethylbenzene	100-41-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Isopropylbenzene	98-82-8	BRL	4.78	ug/kg	01.31.13 12.45	U	1
m,p-Xylenes	179601-23-1	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Methyl acetate	79-20-9	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Methylcyclohexane	108-87-2	BRL	4.78	ug/kg	01.31.13 12.45	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-002** Date Collected: 01.31.13 08.50 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 23.95

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	19.1	ug/kg	01.31.13 12.45	U	1
Naphthalene	91-20-3	BRL	4.78	ug/kg	01.31.13 12.45	U	1
o-Xylene	95-47-6	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Styrene	100-42-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Tetrachloroethene	127-18-4	**9.96**	4.78	ug/kg	01.31.13 12.45		1
Toluene	108-88-3	BRL	4.78	ug/kg	01.31.13 12.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.78	ug/kg	01.31.13 12.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Trichloroethene	79-01-6	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Trichlorofluoromethane	75-69-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1
Vinyl chloride	75-01-4	BRL	4.78	ug/kg	01.31.13 12.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	140	%	50-150	01.31.13 12.45	
4-Bromofluorobenzene	460-00-4	110	%	57-158	01.31.13 12.45	
Toluene-D8	2037-26-5	99	%	50-150	01.31.13 12.45	

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-003** Date Collected: 01.31.13 08.55 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 18.61
Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,1-Dichloroethane	75-34-3	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,1-Dichloroethene	75-35-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2-Dichloroethane	107-06-2	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,2-Dichloropropane	78-87-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.72	ug/kg	01.31.13 13.13	U	1
2-Butanone (MEK)	78-93-3	BRL	57.2	ug/kg	01.31.13 13.13	U	1
2-Hexanone	591-78-6	BRL	57.2	ug/kg	01.31.13 13.13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	57.2	ug/kg	01.31.13 13.13	U	1
Acetone	67-64-1	**133**	57.2	ug/kg	01.31.13 13.13		1
Benzene	71-43-2	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Bromochloromethane	74-97-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Bromodichloromethane	75-27-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Bromoform	75-25-2	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Bromomethane	74-83-9	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Carbon disulfide	75-15-0	BRL	45.8	ug/kg	01.31.13 13.13	U	1
Carbon tetrachloride	56-23-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Chlorobenzene	108-90-7	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Chloroethane	75-00-3	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Chloroform	67-66-3	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Chloromethane	74-87-3	BRL	11.4	ug/kg	01.31.13 13.13	U	1
cis-1,2-Dichloroethene	156-59-2	**24.5**	5.72	ug/kg	01.31.13 13.13		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Cyclohexane	110-82-7	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Dibromochloromethane	124-48-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Ethylbenzene	100-41-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Isopropylbenzene	98-82-8	BRL	5.72	ug/kg	01.31.13 13.13	U	1
m,p-Xylenes	179601-23-1	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Methyl acetate	79-20-9	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Methylcyclohexane	108-87-2	BRL	5.72	ug/kg	01.31.13 13.13	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-003** Date Collected: 01.31.13 08.55 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 18.61

Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	22.9	ug/kg	01.31.13 13.13	U	1
Naphthalene	91-20-3	BRL	5.72	ug/kg	01.31.13 13.13	U	1
o-Xylene	95-47-6	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Styrene	100-42-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Tetrachloroethene	127-18-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Toluene	108-88-3	BRL	5.72	ug/kg	01.31.13 13.13	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.72	ug/kg	01.31.13 13.13	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Trichloroethene	79-01-6	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Trichlorofluoromethane	75-69-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1
Vinyl chloride	75-01-4	BRL	5.72	ug/kg	01.31.13 13.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	142	%	50-150	01.31.13 13.13	
4-Bromofluorobenzene	460-00-4	146	%	57-158	01.31.13 13.13	
Toluene-D8	2037-26-5	144	%	50-150	01.31.13 13.13	

Certificate of Analytical Results 456741

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-004** Date Collected: 01.31.13 09.00 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 19.99
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,1-Dichloroethane	75-34-3	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,1-Dichloroethene	75-35-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2-Dichloroethane	107-06-2	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,2-Dichloropropane	78-87-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.14	ug/kg	01.31.13 13.41	U	1
2-Butanone (MEK)	78-93-3	BRL	51.4	ug/kg	01.31.13 13.41	U	1
2-Hexanone	591-78-6	BRL	51.4	ug/kg	01.31.13 13.41	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	51.4	ug/kg	01.31.13 13.41	U	1
Acetone	67-64-1	BRL	51.4	ug/kg	01.31.13 13.41	U	1
Benzene	71-43-2	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Bromochloromethane	74-97-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Bromodichloromethane	75-27-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Bromoform	75-25-2	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Bromomethane	74-83-9	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Carbon disulfide	75-15-0	BRL	41.1	ug/kg	01.31.13 13.41	U	1
Carbon tetrachloride	56-23-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Chlorobenzene	108-90-7	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Chloroethane	75-00-3	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Chloroform	67-66-3	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Chloromethane	74-87-3	BRL	10.3	ug/kg	01.31.13 13.41	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.14	ug/kg	01.31.13 13.41	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Cyclohexane	110-82-7	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Dibromochloromethane	124-48-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Ethylbenzene	100-41-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Isopropylbenzene	98-82-8	BRL	5.14	ug/kg	01.31.13 13.41	U	1
m,p-Xylenes	179601-23-1	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Methyl acetate	79-20-9	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Methylcyclohexane	108-87-2	BRL	5.14	ug/kg	01.31.13 13.41	U	1

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-1 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-004** Date Collected: 01.31.13 09.00 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 19.99
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	20.6	ug/kg	01.31.13 13.41	U	1
Naphthalene	91-20-3	BRL	5.14	ug/kg	01.31.13 13.41	U	1
o-Xylene	95-47-6	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Styrene	100-42-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Tetrachloroethene	127-18-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Toluene	108-88-3	BRL	5.14	ug/kg	01.31.13 13.41	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.14	ug/kg	01.31.13 13.41	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Trichloroethene	79-01-6	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Trichlorofluoromethane	75-69-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1
Vinyl chloride	75-01-4	BRL	5.14	ug/kg	01.31.13 13.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	01.31.13 13.41	
4-Bromofluorobenzene	460-00-4	104	%	57-158	01.31.13 13.41	
Toluene-D8	2037-26-5	101	%	50-150	01.31.13 13.41	

Certificate of Analytical Results 456741

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-005** Date Collected: 01.31.13 09.35 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 13.37
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,1-Dichloroethane	75-34-3	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,1-Dichloroethene	75-35-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2-Dichloroethane	107-06-2	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,2-Dichloropropane	78-87-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.24	ug/kg	01.31.13 14.09	U	1
2-Butanone (MEK)	78-93-3	BRL	42.4	ug/kg	01.31.13 14.09	U	1
2-Hexanone	591-78-6	BRL	42.4	ug/kg	01.31.13 14.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	42.4	ug/kg	01.31.13 14.09	U	1
Acetone	67-64-1	BRL	42.4	ug/kg	01.31.13 14.09	U	1
Benzene	71-43-2	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Bromochloromethane	74-97-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Bromodichloromethane	75-27-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Bromoform	75-25-2	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Bromomethane	74-83-9	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Carbon disulfide	75-15-0	BRL	34.0	ug/kg	01.31.13 14.09	U	1
Carbon tetrachloride	56-23-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Chlorobenzene	108-90-7	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Chloroethane	75-00-3	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Chloroform	67-66-3	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Chloromethane	74-87-3	BRL	8.49	ug/kg	01.31.13 14.09	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.24	ug/kg	01.31.13 14.09	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Cyclohexane	110-82-7	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Dibromochloromethane	124-48-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Ethylbenzene	100-41-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Isopropylbenzene	98-82-8	BRL	4.24	ug/kg	01.31.13 14.09	U	1
m,p-Xylenes	179601-23-1	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Methyl acetate	79-20-9	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Methylcyclohexane	108-87-2	BRL	4.24	ug/kg	01.31.13 14.09	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-005** Date Collected: 01.31.13 09.35 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 13.37

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	17.0	ug/kg	01.31.13 14.09	U	1
Naphthalene	91-20-3	BRL	4.24	ug/kg	01.31.13 14.09	U	1
o-Xylene	95-47-6	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Styrene	100-42-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Tetrachloroethene	127-18-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Toluene	108-88-3	BRL	4.24	ug/kg	01.31.13 14.09	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.24	ug/kg	01.31.13 14.09	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Trichloroethene	79-01-6	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Trichlorofluoromethane	75-69-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1
Vinyl chloride	75-01-4	BRL	4.24	ug/kg	01.31.13 14.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	130	%	50-150	01.31.13 14.09	
4-Bromofluorobenzene	460-00-4	107	%	57-158	01.31.13 14.09	
Toluene-D8	2037-26-5	104	%	50-150	01.31.13 14.09	

Certificate of Analytical Results 456741

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-006** Date Collected: 01.31.13 09.40 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 23.96
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,1-Dichloroethane	75-34-3	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,1-Dichloroethene	75-35-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2-Dichloroethane	107-06-2	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,2-Dichloropropane	78-87-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.20	ug/kg	01.31.13 14.37	U	1
2-Butanone (MEK)	78-93-3	BRL	52.0	ug/kg	01.31.13 14.37	U	1
2-Hexanone	591-78-6	BRL	52.0	ug/kg	01.31.13 14.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	52.0	ug/kg	01.31.13 14.37	U	1
Acetone	67-64-1	BRL	52.0	ug/kg	01.31.13 14.37	U	1
Benzene	71-43-2	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Bromochloromethane	74-97-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Bromodichloromethane	75-27-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Bromoform	75-25-2	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Bromomethane	74-83-9	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Carbon disulfide	75-15-0	BRL	41.6	ug/kg	01.31.13 14.37	U	1
Carbon tetrachloride	56-23-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Chlorobenzene	108-90-7	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Chloroethane	75-00-3	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Chloroform	67-66-3	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Chloromethane	74-87-3	BRL	10.4	ug/kg	01.31.13 14.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.20	ug/kg	01.31.13 14.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Cyclohexane	110-82-7	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Dibromochloromethane	124-48-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Ethylbenzene	100-41-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Isopropylbenzene	98-82-8	BRL	5.20	ug/kg	01.31.13 14.37	U	1
m,p-Xylenes	179601-23-1	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Methyl acetate	79-20-9	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Methylcyclohexane	108-87-2	BRL	5.20	ug/kg	01.31.13 14.37	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-006** Date Collected: 01.31.13 09.40 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 23.96

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	20.8	ug/kg	01.31.13 14.37	U	1
Naphthalene	91-20-3	BRL	5.20	ug/kg	01.31.13 14.37	U	1
o-Xylene	95-47-6	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Styrene	100-42-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Tetrachloroethene	127-18-4	**18.5**	5.20	ug/kg	01.31.13 14.37		1
Toluene	108-88-3	BRL	5.20	ug/kg	01.31.13 14.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.20	ug/kg	01.31.13 14.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Trichloroethene	79-01-6	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Trichlorofluoromethane	75-69-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1
Vinyl chloride	75-01-4	BRL	5.20	ug/kg	01.31.13 14.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	142	%	50-150	01.31.13 14.37	
4-Bromofluorobenzene	460-00-4	106	%	57-158	01.31.13 14.37	
Toluene-D8	2037-26-5	102	%	50-150	01.31.13 14.37	

Certificate of Analytical Results 456741

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-007** Date Collected: 01.31.13 09.48 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.8
Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,1-Dichloroethane	75-34-3	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,1-Dichloroethene	75-35-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2-Dichloroethane	107-06-2	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,2-Dichloropropane	78-87-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.61	ug/kg	01.31.13 15.05	U	1
2-Butanone (MEK)	78-93-3	BRL	46.1	ug/kg	01.31.13 15.05	U	1
2-Hexanone	591-78-6	BRL	46.1	ug/kg	01.31.13 15.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	46.1	ug/kg	01.31.13 15.05	U	1
Acetone	67-64-1	BRL	46.1	ug/kg	01.31.13 15.05	U	1
Benzene	71-43-2	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Bromochloromethane	74-97-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Bromodichloromethane	75-27-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Bromoform	75-25-2	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Bromomethane	74-83-9	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Carbon disulfide	75-15-0	BRL	36.9	ug/kg	01.31.13 15.05	U	1
Carbon tetrachloride	56-23-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Chlorobenzene	108-90-7	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Chloroethane	75-00-3	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Chloroform	67-66-3	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Chloromethane	74-87-3	BRL	9.23	ug/kg	01.31.13 15.05	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.61	ug/kg	01.31.13 15.05	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Cyclohexane	110-82-7	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Dibromochloromethane	124-48-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Ethylbenzene	100-41-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Isopropylbenzene	98-82-8	BRL	4.61	ug/kg	01.31.13 15.05	U	1
m,p-Xylenes	179601-23-1	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Methyl acetate	79-20-9	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Methylcyclohexane	108-87-2	BRL	4.61	ug/kg	01.31.13 15.05	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-007** Date Collected: 01.31.13 09.48 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 21.8

Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	18.5	ug/kg	01.31.13 15.05	U	1
Naphthalene	91-20-3	BRL	4.61	ug/kg	01.31.13 15.05	U	1
o-Xylene	95-47-6	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Styrene	100-42-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Tetrachloroethene	127-18-4	**38.5**	4.61	ug/kg	01.31.13 15.05		1
Toluene	108-88-3	BRL	4.61	ug/kg	01.31.13 15.05	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.61	ug/kg	01.31.13 15.05	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Trichloroethene	79-01-6	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Trichlorofluoromethane	75-69-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1
Vinyl chloride	75-01-4	BRL	4.61	ug/kg	01.31.13 15.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	133	%	50-150	01.31.13 15.05	
4-Bromofluorobenzene	460-00-4	114	%	57-158	01.31.13 15.05	
Toluene-D8	2037-26-5	107	%	50-150	01.31.13 15.05	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-008** Date Collected: 01.31.13 09.50 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.34
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,1-Dichloroethane	75-34-3	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,1-Dichloroethene	75-35-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2-Dichloroethane	107-06-2	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,2-Dichloropropane	78-87-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.49	ug/kg	01.31.13 15.33	U	1
2-Butanone (MEK)	78-93-3	BRL	54.9	ug/kg	01.31.13 15.33	U	1
2-Hexanone	591-78-6	BRL	54.9	ug/kg	01.31.13 15.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	54.9	ug/kg	01.31.13 15.33	U	1
Acetone	67-64-1	BRL	54.9	ug/kg	01.31.13 15.33	U	1
Benzene	71-43-2	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Bromochloromethane	74-97-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Bromodichloromethane	75-27-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Bromoform	75-25-2	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Bromomethane	74-83-9	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Carbon disulfide	75-15-0	BRL	43.9	ug/kg	01.31.13 15.33	U	1
Carbon tetrachloride	56-23-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Chlorobenzene	108-90-7	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Chloroethane	75-00-3	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Chloroform	67-66-3	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Chloromethane	74-87-3	BRL	11.0	ug/kg	01.31.13 15.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.49	ug/kg	01.31.13 15.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Cyclohexane	110-82-7	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Dibromochloromethane	124-48-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Ethylbenzene	100-41-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Isopropylbenzene	98-82-8	BRL	5.49	ug/kg	01.31.13 15.33	U	1
m,p-Xylenes	179601-23-1	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Methyl acetate	79-20-9	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Methylcyclohexane	108-87-2	BRL	5.49	ug/kg	01.31.13 15.33	U	1

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-2 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-008** Date Collected: 01.31.13 09.50 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.34
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	22.0	ug/kg	01.31.13 15.33	U	1
Naphthalene	91-20-3	BRL	5.49	ug/kg	01.31.13 15.33	U	1
o-Xylene	95-47-6	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Styrene	100-42-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Tetrachloroethene	127-18-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Toluene	108-88-3	BRL	5.49	ug/kg	01.31.13 15.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.49	ug/kg	01.31.13 15.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Trichloroethene	79-01-6	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Trichlorofluoromethane	75-69-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1
Vinyl chloride	75-01-4	BRL	5.49	ug/kg	01.31.13 15.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	137	%	50-150	01.31.13 15.33	
4-Bromofluorobenzene	460-00-4	106	%	57-158	01.31.13 15.33	
Toluene-D8	2037-26-5	101	%	50-150	01.31.13 15.33	

Certificate of Analytical Results 456741

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-009** Date Collected: 01.31.13 10.10 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 19.62
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,1-Dichloroethane	75-34-3	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,1-Dichloroethene	75-35-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2-Dichloroethane	107-06-2	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,2-Dichloropropane	78-87-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.93	ug/kg	01.31.13 16.02	U	1
2-Butanone (MEK)	78-93-3	BRL	69.3	ug/kg	01.31.13 16.02	U	1
2-Hexanone	591-78-6	BRL	69.3	ug/kg	01.31.13 16.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	69.3	ug/kg	01.31.13 16.02	U	1
Acetone	67-64-1	BRL	69.3	ug/kg	01.31.13 16.02	U	1
Benzene	71-43-2	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Bromochloromethane	74-97-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Bromodichloromethane	75-27-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Bromoform	75-25-2	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Bromomethane	74-83-9	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Carbon disulfide	75-15-0	BRL	55.4	ug/kg	01.31.13 16.02	U	1
Carbon tetrachloride	56-23-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Chlorobenzene	108-90-7	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Chloroethane	75-00-3	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Chloroform	67-66-3	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Chloromethane	74-87-3	BRL	13.9	ug/kg	01.31.13 16.02	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.93	ug/kg	01.31.13 16.02	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Cyclohexane	110-82-7	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Dibromochloromethane	124-48-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Ethylbenzene	100-41-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Isopropylbenzene	98-82-8	BRL	6.93	ug/kg	01.31.13 16.02	U	1
m,p-Xylenes	179601-23-1	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Methyl acetate	79-20-9	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Methylcyclohexane	108-87-2	BRL	6.93	ug/kg	01.31.13 16.02	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-009** Date Collected: 01.31.13 10.10 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 19.62

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	27.7	ug/kg	01.31.13 16.02	U	1
Naphthalene	91-20-3	BRL	6.93	ug/kg	01.31.13 16.02	U	1
o-Xylene	95-47-6	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Styrene	100-42-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Tetrachloroethene	127-18-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Toluene	108-88-3	BRL	6.93	ug/kg	01.31.13 16.02	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.93	ug/kg	01.31.13 16.02	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Trichloroethene	79-01-6	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Trichlorofluoromethane	75-69-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1
Vinyl chloride	75-01-4	BRL	6.93	ug/kg	01.31.13 16.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	50-150	01.31.13 16.02	
4-Bromofluorobenzene	460-00-4	107	%	57-158	01.31.13 16.02	
Toluene-D8	2037-26-5	106	%	50-150	01.31.13 16.02	

Certificate of Analytical Results 456741

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-010** Date Collected: 01.31.13 10.15 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.89
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,1-Dichloroethane	75-34-3	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,1-Dichloroethene	75-35-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2-Dichloroethane	107-06-2	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,2-Dichloropropane	78-87-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.48	ug/kg	01.31.13 23.13	U	1
2-Butanone (MEK)	78-93-3	BRL	44.8	ug/kg	01.31.13 23.13	U	1
2-Hexanone	591-78-6	BRL	44.8	ug/kg	01.31.13 23.13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	44.8	ug/kg	01.31.13 23.13	U	1
Acetone	67-64-1	BRL	44.8	ug/kg	01.31.13 23.13	U	1
Benzene	71-43-2	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Bromochloromethane	74-97-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Bromodichloromethane	75-27-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Bromoform	75-25-2	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Bromomethane	74-83-9	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Carbon disulfide	75-15-0	BRL	35.9	ug/kg	01.31.13 23.13	U	1
Carbon tetrachloride	56-23-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Chlorobenzene	108-90-7	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Chloroethane	75-00-3	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Chloroform	67-66-3	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Chloromethane	74-87-3	BRL	8.97	ug/kg	01.31.13 23.13	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.48	ug/kg	01.31.13 23.13	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Cyclohexane	110-82-7	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Dibromochloromethane	124-48-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Ethylbenzene	100-41-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Isopropylbenzene	98-82-8	BRL	4.48	ug/kg	01.31.13 23.13	U	1
m,p-Xylenes	179601-23-1	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Methyl acetate	79-20-9	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Methylcyclohexane	108-87-2	BRL	4.48	ug/kg	01.31.13 23.13	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (6-8')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-010** Date Collected: 01.31.13 10.15 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 22.89

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	17.9	ug/kg	01.31.13 23.13	U	1
Naphthalene	91-20-3	BRL	4.48	ug/kg	01.31.13 23.13	U	1
o-Xylene	95-47-6	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Styrene	100-42-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Tetrachloroethene	127-18-4	**7.90**	4.48	ug/kg	01.31.13 23.13		1
Toluene	108-88-3	BRL	4.48	ug/kg	01.31.13 23.13	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.48	ug/kg	01.31.13 23.13	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Trichloroethene	79-01-6	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Trichlorofluoromethane	75-69-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1
Vinyl chloride	75-01-4	BRL	4.48	ug/kg	01.31.13 23.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	157	%	50-150	01.31.13 23.13	**
4-Bromofluorobenzene	460-00-4	102	%	57-158	01.31.13 23.13	
Toluene-D8	2037-26-5	98	%	50-150	01.31.13 23.13	

Certificate of Analytical Results 456741

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-011** Date Collected: 01.31.13 10.20 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 24.49
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,1-Dichloroethane	75-34-3	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,1-Dichloroethene	75-35-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2-Dichloroethane	107-06-2	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,2-Dichloropropane	78-87-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.22	ug/kg	01.31.13 17.00	U	1
2-Butanone (MEK)	78-93-3	BRL	42.2	ug/kg	01.31.13 17.00	U	1
2-Hexanone	591-78-6	BRL	42.2	ug/kg	01.31.13 17.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	42.2	ug/kg	01.31.13 17.00	U	1
Acetone	67-64-1	BRL	42.2	ug/kg	01.31.13 17.00	U	1
Benzene	71-43-2	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Bromochloromethane	74-97-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Bromodichloromethane	75-27-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Bromoform	75-25-2	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Bromomethane	74-83-9	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Carbon disulfide	75-15-0	BRL	33.8	ug/kg	01.31.13 17.00	U	1
Carbon tetrachloride	56-23-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Chlorobenzene	108-90-7	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Chloroethane	75-00-3	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Chloroform	67-66-3	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Chloromethane	74-87-3	BRL	8.45	ug/kg	01.31.13 17.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.22	ug/kg	01.31.13 17.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Cyclohexane	110-82-7	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Dibromochloromethane	124-48-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Ethylbenzene	100-41-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Isopropylbenzene	98-82-8	BRL	4.22	ug/kg	01.31.13 17.00	U	1
m,p-Xylenes	179601-23-1	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Methyl acetate	79-20-9	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Methylcyclohexane	108-87-2	BRL	4.22	ug/kg	01.31.13 17.00	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (10-12')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-011** Date Collected: 01.31.13 10.20 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 24.49

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	16.9	ug/kg	01.31.13 17.00	U	1
Naphthalene	91-20-3	BRL	4.22	ug/kg	01.31.13 17.00	U	1
o-Xylene	95-47-6	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Styrene	100-42-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Tetrachloroethene	127-18-4	**5.19**	4.22	ug/kg	01.31.13 17.00		1
Toluene	108-88-3	BRL	4.22	ug/kg	01.31.13 17.00	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.22	ug/kg	01.31.13 17.00	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Trichloroethene	79-01-6	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Trichlorofluoromethane	75-69-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1
Vinyl chloride	75-01-4	BRL	4.22	ug/kg	01.31.13 17.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	138	%	50-150	01.31.13 17.00	
4-Bromofluorobenzene	460-00-4	107	%	57-158	01.31.13 17.00	
Toluene-D8	2037-26-5	99	%	50-150	01.31.13 17.00	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-012** Date Collected: 01.31.13 10.25 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 25.24
Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,1-Dichloroethane	75-34-3	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,1-Dichloroethene	75-35-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2-Dichloroethane	107-06-2	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,2-Dichloropropane	78-87-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.06	ug/kg	01.31.13 17.29	U	1
2-Butanone (MEK)	78-93-3	BRL	60.6	ug/kg	01.31.13 17.29	U	1
2-Hexanone	591-78-6	BRL	60.6	ug/kg	01.31.13 17.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	60.6	ug/kg	01.31.13 17.29	U	1
Acetone	67-64-1	BRL	60.6	ug/kg	01.31.13 17.29	U	1
Benzene	71-43-2	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Bromochloromethane	74-97-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Bromodichloromethane	75-27-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Bromoform	75-25-2	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Bromomethane	74-83-9	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Carbon disulfide	75-15-0	BRL	48.5	ug/kg	01.31.13 17.29	U	1
Carbon tetrachloride	56-23-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Chlorobenzene	108-90-7	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Chloroethane	75-00-3	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Chloroform	67-66-3	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Chloromethane	74-87-3	BRL	12.1	ug/kg	01.31.13 17.29	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.06	ug/kg	01.31.13 17.29	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Cyclohexane	110-82-7	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Dibromochloromethane	124-48-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Ethylbenzene	100-41-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Isopropylbenzene	98-82-8	BRL	6.06	ug/kg	01.31.13 17.29	U	1
m,p-Xylenes	179601-23-1	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Methyl acetate	79-20-9	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Methylcyclohexane	108-87-2	BRL	6.06	ug/kg	01.31.13 17.29	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-3 (14-16')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-012** Date Collected: 01.31.13 10.25 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 25.24

Analyst: MLA Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	24.2	ug/kg	01.31.13 17.29	U	1
Naphthalene	91-20-3	BRL	6.06	ug/kg	01.31.13 17.29	U	1
o-Xylene	95-47-6	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Styrene	100-42-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Tetrachloroethene	127-18-4	**9.62**	6.06	ug/kg	01.31.13 17.29		1
Toluene	108-88-3	BRL	6.06	ug/kg	01.31.13 17.29	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.06	ug/kg	01.31.13 17.29	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Trichloroethene	79-01-6	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Trichlorofluoromethane	75-69-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1
Vinyl chloride	75-01-4	BRL	6.06	ug/kg	01.31.13 17.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	151	%	50-150	01.31.13 17.29	**
4-Bromofluorobenzene	460-00-4	103	%	57-158	01.31.13 17.29	
Toluene-D8	2037-26-5	100	%	50-150	01.31.13 17.29	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58
Lab Sample Id: **456741-013** Date Collected: 01.31.13 10.48 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 36.96
Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight
Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,1-Dichloroethane	75-34-3	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,1-Dichloroethene	75-35-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2-Dichloroethane	107-06-2	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,2-Dichloropropane	78-87-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	9.53	ug/kg	01.31.13 17.57	U	1
2-Butanone (MEK)	78-93-3	BRL	95.3	ug/kg	01.31.13 17.57	U	1
2-Hexanone	591-78-6	BRL	95.3	ug/kg	01.31.13 17.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	95.3	ug/kg	01.31.13 17.57	U	1
Acetone	67-64-1	BRL	95.3	ug/kg	01.31.13 17.57	U	1
Benzene	71-43-2	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Bromochloromethane	74-97-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Bromodichloromethane	75-27-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Bromoform	75-25-2	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Bromomethane	74-83-9	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Carbon disulfide	75-15-0	BRL	76.3	ug/kg	01.31.13 17.57	U	1
Carbon tetrachloride	56-23-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Chlorobenzene	108-90-7	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Chloroethane	75-00-3	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Chloroform	67-66-3	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Chloromethane	74-87-3	BRL	19.1	ug/kg	01.31.13 17.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	9.53	ug/kg	01.31.13 17.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Cyclohexane	110-82-7	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Dibromochloromethane	124-48-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Ethylbenzene	100-41-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Isopropylbenzene	98-82-8	BRL	9.53	ug/kg	01.31.13 17.57	U	1
m,p-Xylenes	179601-23-1	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Methyl acetate	79-20-9	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Methyl tert-butyl ether	1634-04-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Methylcyclohexane	108-87-2	BRL	9.53	ug/kg	01.31.13 17.57	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (2-4')** Matrix: Soil Date Received: 01.31.13 10.58

Lab Sample Id: **456741-013** Date Collected: 01.31.13 10.48 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 36.96

Analyst: TIMWEL Date Prep: 01.31.13 11.49 Basis: Dry Weight

Seq Number: 905889

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	38.1	ug/kg	01.31.13 17.57	U	1
Naphthalene	91-20-3	BRL	9.53	ug/kg	01.31.13 17.57	U	1
o-Xylene	95-47-6	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Styrene	100-42-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Tetrachloroethene	127-18-4	**9080**	477	ug/kg	01.31.13 21.48	D	50
Toluene	108-88-3	BRL	9.53	ug/kg	01.31.13 17.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	9.53	ug/kg	01.31.13 17.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Trichloroethene	79-01-6	**99.2**	9.53	ug/kg	01.31.13 17.57		1
Trichlorofluoromethane	75-69-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1
Vinyl chloride	75-01-4	BRL	9.53	ug/kg	01.31.13 17.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	174	%	50-150	01.31.13 17.57	**
4-Bromofluorobenzene	460-00-4	156	%	57-158	01.31.13 17.57	
Toluene-D8	2037-26-5	148	%	50-150	01.31.13 17.57	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 1** Matrix: Water Date Received: 01.31.13 10.58
Lab Sample Id: **456741-014** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: TIMWEL % Moisture:
Analyst: NTR Date Prep: 01.31.13 06.46
Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	01.31.13 13.19	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	01.31.13 13.19	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	01.31.13 13.19	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	01.31.13 13.19	U	1
Acetone	67-64-1	BRL	50	ug/L	01.31.13 13.19	U	1
Benzene	71-43-2	BRL	5.0	ug/L	01.31.13 13.19	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	01.31.13 13.19	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	01.31.13 13.19	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	01.31.13 13.19	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	01.31.13 13.19	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	01.31.13 13.19	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	01.31.13 13.19	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	01.31.13 13.19	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	01.31.13 13.19	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	01.31.13 13.19	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	01.31.13 13.19	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	01.31.13 13.19	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	01.31.13 13.19	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	01.31.13 13.19	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	01.31.13 13.19	U	1

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 1** Matrix: Water Date Received: 01.31.13 10.58
Lab Sample Id: **456741-014** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: TIMWEL % Moisture:
Analyst: NTR Date Prep: 01.31.13 06.46
Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	01.31.13 13.19	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	01.31.13 13.19	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	01.31.13 13.19	U	1
Styrene	100-42-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
Toluene	108-88-3	BRL	5.0	ug/L	01.31.13 13.19	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	01.31.13 13.19	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	01.31.13 13.19	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	01.31.13 13.19	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	01.31.13 13.19	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	01.31.13 13.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	96	%	53-159	01.31.13 13.19	
4-Bromofluorobenzene	460-00-4	98	%	30-186	01.31.13 13.19	
Toluene-D8	2037-26-5	102	%	70-130	01.31.13 13.19	

Certificate of Analytical Results 456741

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 2** Matrix: Water Date Received: 01.31.13 10.58
Lab Sample Id: **456741-015** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: TIMWEL % Moisture:
Analyst: NTR Date Prep: 01.31.13 06.46
Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	01.31.13 13.47	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	01.31.13 13.47	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	01.31.13 13.47	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	01.31.13 13.47	U	1
Acetone	67-64-1	BRL	50	ug/L	01.31.13 13.47	U	1
Benzene	71-43-2	BRL	5.0	ug/L	01.31.13 13.47	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	01.31.13 13.47	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	01.31.13 13.47	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	01.31.13 13.47	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	01.31.13 13.47	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	01.31.13 13.47	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	01.31.13 13.47	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	01.31.13 13.47	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	01.31.13 13.47	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	01.31.13 13.47	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	01.31.13 13.47	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	01.31.13 13.47	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	01.31.13 13.47	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	01.31.13 13.47	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	01.31.13 13.47	U	1

Certificate of Analytical Results 456741

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 2** Matrix: Water Date Received: 01.31.13 10.58

Lab Sample Id: **456741-015** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: TIMWEL % Moisture:

Analyst: NTR Date Prep: 01.31.13 06.46

Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	01.31.13 13.47	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	01.31.13 13.47	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	01.31.13 13.47	U	1
Styrene	100-42-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
Toluene	108-88-3	BRL	5.0	ug/L	01.31.13 13.47	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	01.31.13 13.47	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	01.31.13 13.47	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	01.31.13 13.47	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	01.31.13 13.47	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	01.31.13 13.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	96	%	53-159	01.31.13 13.47	
4-Bromofluorobenzene	460-00-4	98	%	30-186	01.31.13 13.47	
Toluene-D8	2037-26-5	102	%	70-130	01.31.13 13.47	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 905957 Matrix: Water Date Prep: 01/31/2013
MB Sample Id: 633196-1-BLK LCS Sample Id: 633196-1-BKS LCSD Sample Id: 633196-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	53	106	49	98	56-141	8	20	ug/L	01/31/13 07:35	
1,1,2,2-Tetrachloroethane	<2.0	50	44	88	46	92	64-135	4	20	ug/L	01/31/13 07:35	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	60	120	61	122	54-134	2	20	ug/L	01/31/13 07:35	
1,1,2-Trichloroethane	<0.88	50	46	92	47	94	73-123	2	20	ug/L	01/31/13 07:35	
1,1-Dichloroethane	<0.74	50	46	92	44	88	66-126	4	20	ug/L	01/31/13 07:35	
1,1-Dichloroethene	<0.98	50	56	112	54	108	65-129	4	20	ug/L	01/31/13 07:35	
1,2,3-Trichlorobenzene	<2.6	50	51	102	51	102	56-146	0	20	ug/L	01/31/13 07:35	
1,2,4-Trichlorobenzene	<1.3	50	53	106	52	104	62-141	2	20	ug/L	01/31/13 07:35	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	46	92	48-144	0	20	ug/L	01/31/13 07:35	
1,2-Dibromoethane (EDB)	<0.79	50	48	96	49	98	70-130	2	20	ug/L	01/31/13 07:35	
1,2-Dichlorobenzene	<0.73	50	50	100	50	100	77-123	0	20	ug/L	01/31/13 07:35	
1,2-Dichloroethane	<0.82	50	48	96	46	92	57-137	4	20	ug/L	01/31/13 07:35	
1,2-Dichloropropane	<0.81	50	43	86	42	84	74-121	2	20	ug/L	01/31/13 07:35	
1,3-Dichlorobenzene	<0.74	50	50	100	49	98	79-120	2	20	ug/L	01/31/13 07:35	
1,4-Dichlorobenzene	<0.59	50	49	98	49	98	77-119	0	20	ug/L	01/31/13 07:35	
2-Butanone (MEK)	<1.3	100	77	77	80	80	42-165	4	20	ug/L	01/31/13 07:35	
2-Hexanone	<2.5	100	78	78	85	85	46-157	9	20	ug/L	01/31/13 07:35	
4-Methyl-2-pentanone (MIBK)	<2.2	100	72	72	75	75	54-145	4	20	ug/L	01/31/13 07:35	
Acetone	<1.4	100	83	83	79	79	42-178	5	20	ug/L	01/31/13 07:35	
Benzene	<0.67	50	46	92	46	92	76-119	0	20	ug/L	01/31/13 07:35	
Bromochloromethane	<0.47	50	50	100	49	98	75-123	2	20	ug/L	01/31/13 07:35	
Bromodichloromethane	<0.96	50	49	98	48	96	69-131	2	20	ug/L	01/31/13 07:35	
Bromoform	<1.4	50	44	88	47	94	66-130	7	20	ug/L	01/31/13 07:35	
Bromomethane	<2.7	50	59	118	53	106	59-141	11	20	ug/L	01/31/13 07:35	
Carbon disulfide	<0.73	50	51	102	49	98	47-144	4	20	ug/L	01/31/13 07:35	
Carbon tetrachloride	<0.89	50	53	106	51	102	46-155	4	20	ug/L	01/31/13 07:35	
Chlorobenzene	<0.59	50	50	100	49	98	81-114	2	20	ug/L	01/31/13 07:35	
Chloroethane	<0.23	50	56	112	51	102	63-133	9	20	ug/L	01/31/13 07:35	
Chloroform	<1.4	50	51	102	48	96	68-127	6	20	ug/L	01/31/13 07:35	
Chloromethane	<1.2	50	44	88	40	80	43-141	10	20	ug/L	01/31/13 07:35	
cis-1,2-Dichloroethene	<0.80	50	50	100	49	98	73-124	2	20	ug/L	01/31/13 07:35	
cis-1,3-Dichloropropene	<0.76	50	46	92	47	94	72-132	2	20	ug/L	01/31/13 07:35	
Cyclohexane	<0.99	50	49	98	48	96	58-125	2	20	ug/L	01/31/13 07:35	
Dibromochloromethane	<0.79	50	53	106	52	104	69-128	2	20	ug/L	01/31/13 07:35	
Dichlorodifluoromethane	<0.73	50	61	122	54	108	24-153	12	20	ug/L	01/31/13 07:35	
Ethylbenzene	<0.66	50	50	100	49	98	78-122	2	20	ug/L	01/31/13 07:35	
Isopropylbenzene	<1.0	50	45	90	46	92	71-131	2	20	ug/L	01/31/13 07:35	
m,p-Xylenes	<1.2	100	99	99	98	98	76-124	1	20	ug/L	01/31/13 07:35	
Methyl acetate	<0.15	50	39	78	39	78	65-135	0	20	ug/L	01/31/13 07:35	
Methyl tert-butyl ether	<0.62	100	97	97	94	94	59-135	3	20	ug/L	01/31/13 07:35	
Methylcyclohexane	<0.76	50	50	100	47	94	61-125	6	20	ug/L	01/31/13 07:35	
Methylene chloride	<0.92	50	42	84	40	80	64-135	5	20	ug/L	01/31/13 07:35	
Naphthalene	<4.0	50	51	102	52	104	46-159	2	20	ug/L	01/31/13 07:35	
o-Xylene	<0.57	50	51	102	49	98	78-124	4	20	ug/L	01/31/13 07:35	
Styrene	<0.56	50	51	102	50	100	79-123	2	20	ug/L	01/31/13 07:35	
Tetrachloroethene	<1.8	50	53	106	52	104	71-125	2	20	ug/L	01/31/13 07:35	
Toluene	<0.68	50	48	96	47	94	78-118	2	20	ug/L	01/31/13 07:35	
trans-1,2-Dichloroethene	<0.73	50	50	100	49	98	71-126	2	20	ug/L	01/31/13 07:35	
trans-1,3-Dichloropropene	<0.84	50	48	96	48	96	68-131	0	20	ug/L	01/31/13 07:35	

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 905957 Matrix: Water Date Prep: 01/31/2013

MB Sample Id: 633196-1-BLK LCS Sample Id: 633196-1-BKS LCSD Sample Id: 633196-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	50	100	50	100	76-118	0	20	ug/L	01/31/13 07:35	
Trichlorofluoromethane	<0.85	50	68	136	60	120	35-153	13	20	ug/L	01/31/13 07:35	
Vinyl chloride	<0.15	50	52	104	46	92	59-129	12	20	ug/L	01/31/13 07:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		106		96		53-159	%	01/31/13 07:35
4-Bromofluorobenzene	96		91		95		30-186	%	01/31/13 07:35
Toluene-D8	99		100		99		70-130	%	01/31/13 07:35

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905889 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633151-1-BLK LCS Sample Id: 633151-1-BKS LCSD Sample Id: 633151-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	60.7	121	55.6	111	62-139	9	20	ug/kg	01/31/13 07:31	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.3	99	50.8	102	67-123	3	20	ug/kg	01/31/13 07:31	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	58.4	117	63.3	127	37-166	8	20	ug/kg	01/31/13 07:31	
1,1,2-Trichloroethane	<0.670	50.0	48.5	97	50.6	101	68-123	4	20	ug/kg	01/31/13 07:31	
1,1-Dichloroethane	<0.802	50.0	54.0	108	52.2	104	73-121	3	20	ug/kg	01/31/13 07:31	
1,1-Dichloroethene	<1.16	50.0	58.0	116	52.6	105	56-137	10	20	ug/kg	01/31/13 07:31	
1,2,3-Trichlorobenzene	<0.574	50.0	56.4	113	59.2	118	60-137	5	20	ug/kg	01/31/13 07:31	
1,2,4-Trichlorobenzene	<0.873	50.0	58.2	116	58.2	116	59-138	0	20	ug/kg	01/31/13 07:31	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	48.6	97	51.3	103	59-127	5	20	ug/kg	01/31/13 07:31	
1,2-Dibromoethane (EDB)	<0.863	50.0	47.4	95	50.5	101	70-131	6	20	ug/kg	01/31/13 07:31	
1,2-Dichlorobenzene	<1.29	50.0	55.4	111	54.5	109	76-120	2	20	ug/kg	01/31/13 07:31	
1,2-Dichloroethane	<0.597	50.0	52.2	104	54.1	108	60-136	4	20	ug/kg	01/31/13 07:31	
1,2-Dichloropropane	<0.929	50.0	46.4	93	48.0	96	73-120	3	20	ug/kg	01/31/13 07:31	
1,3-Dichlorobenzene	<0.997	50.0	56.7	113	54.6	109	76-125	4	20	ug/kg	01/31/13 07:31	
1,4-Dichlorobenzene	<0.684	50.0	59.1	118	57.8	116	75-120	2	20	ug/kg	01/31/13 07:31	
2-Butanone (MEK)	<9.11	100	105	105	111	111	55-143	6	20	ug/kg	01/31/13 07:31	
2-Hexanone	<1.13	100	108	108	116	116	53-142	7	20	ug/kg	01/31/13 07:31	
4-Methyl-2-pentanone (MIBK)	<3.23	100	97.8	98	105	105	55-138	7	20	ug/kg	01/31/13 07:31	
Acetone	<6.88	100	105	105	105	105	51-165	0	20	ug/kg	01/31/13 07:31	
Benzene	<0.513	50.0	51.3	103	48.8	98	72-126	5	20	ug/kg	01/31/13 07:31	
Bromochloromethane	<1.01	50.0	50.5	101	50.1	100	79-119	1	20	ug/kg	01/31/13 07:31	
Bromodichloromethane	<0.501	50.0	53.4	107	54.3	109	72-126	2	20	ug/kg	01/31/13 07:31	
Bromoform	<0.959	50.0	52.8	106	55.9	112	62-140	6	20	ug/kg	01/31/13 07:31	
Bromomethane	<2.46	50.0	51.5	103	48.7	97	50-156	6	20	ug/kg	01/31/13 07:31	
Carbon disulfide	<1.46	50.0	55.5	111	52.3	105	42-150	6	20	ug/kg	01/31/13 07:31	
Carbon tetrachloride	<0.742	50.0	60.8	122	58.8	118	55-151	3	20	ug/kg	01/31/13 07:31	
Chlorobenzene	<0.579	50.0	52.2	104	50.7	101	80-111	3	20	ug/kg	01/31/13 07:31	
Chloroethane	<2.45	50.0	46.3	93	47.7	95	54-150	3	20	ug/kg	01/31/13 07:31	
Chloroform	<0.741	50.0	52.3	105	51.7	103	73-117	1	20	ug/kg	01/31/13 07:31	
Chloromethane	<2.30	50.0	44.5	89	43.5	87	40-155	2	20	ug/kg	01/31/13 07:31	
cis-1,2-Dichloroethene	<0.662	50.0	52.3	105	49.1	98	71-122	6	20	ug/kg	01/31/13 07:31	
cis-1,3-Dichloropropene	<0.539	50.0	51.4	103	51.9	104	71-129	1	20	ug/kg	01/31/13 07:31	
Cyclohexane	<0.945	50.0	61.9	124	56.7	113	53-141	9	20	ug/kg	01/31/13 07:31	
Dibromochloromethane	<0.994	50.0	53.7	107	55.4	111	68-131	3	20	ug/kg	01/31/13 07:31	
Dichlorodifluoromethane	<1.18	50.0	43.9	88	39.6	79	12-177	10	20	ug/kg	01/31/13 07:31	
Ethylbenzene	<0.565	50.0	58.0	116	55.3	111	74-131	5	20	ug/kg	01/31/13 07:31	
Isopropylbenzene	<0.759	50.0	62.6	125	57.4	115	73-126	9	20	ug/kg	01/31/13 07:31	
m,p-Xylenes	<1.21	100	117	117	110	110	78-122	6	20	ug/kg	01/31/13 07:31	
Methyl acetate	<0.946	50.0	51.7	103	56.7	113	50-150	9	20	ug/kg	01/31/13 07:31	
Methyl tert-butyl ether	<0.693	100	95.0	95	99.0	99	50-162	4	20	ug/kg	01/31/13 07:31	
Methylcyclohexane	<1.09	50.0	63.7	127	56.7	113	54-147	12	20	ug/kg	01/31/13 07:31	
Methylene chloride	<2.17	50.0	48.2	96	50.3	101	61-137	4	20	ug/kg	01/31/13 07:31	
Naphthalene	<1.30	50.0	49.6	99	54.3	109	50-151	9	20	ug/kg	01/31/13 07:31	
o-Xylene	<0.716	50.0	55.9	112	53.3	107	76-121	5	20	ug/kg	01/31/13 07:31	
Styrene	<0.742	50.0	55.6	111	54.7	109	81-117	2	20	ug/kg	01/31/13 07:31	
Tetrachloroethene	<1.04	50.0	62.5	125	55.1	110	70-127	13	20	ug/kg	01/31/13 07:31	
Toluene	<0.588	50.0	52.5	105	51.2	102	75-118	3	20	ug/kg	01/31/13 07:31	
trans-1,2-Dichloroethene	<0.780	50.0	56.7	113	51.4	103	63-137	10	20	ug/kg	01/31/13 07:31	
trans-1,3-Dichloropropene	<0.670	50.0	54.0	108	55.3	111	61-143	2	20	ug/kg	01/31/13 07:31	

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905889 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633151-1-BLK LCS Sample Id: 633151-1-BKS LCSD Sample Id: 633151-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	54.9	110	52.0	104	73-123	5	20	ug/kg	01/31/13 07:31	
Trichlorofluoromethane	<3.51	50.0	59.7	119	57.1	114	47-165	4	20	ug/kg	01/31/13 07:31	
Vinyl chloride	<2.01	50.0	53.6	107	48.0	96	57-139	11	20	ug/kg	01/31/13 07:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	111		96		112		50-150	%	01/31/13 07:31
4-Bromofluorobenzene	106		100		100		57-158	%	01/31/13 07:31
Toluene-D8	106		99		99		50-150	%	01/31/13 07:31

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	61.7	123	57.9	116	62-139	6	20	ug/kg	01/31/13 21:11	
1,1,2,2-Tetrachloroethane	<1.19	50.0	54.0	108	51.8	104	67-123	4	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	68.0	136	59.1	118	37-166	14	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	51.1	102	68-123	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethane	<0.802	50.0	56.9	114	54.7	109	73-121	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethene	<1.16	50.0	55.7	111	53.1	106	56-137	5	20	ug/kg	01/31/13 21:11	
1,2,3-Trichlorobenzene	<0.574	50.0	58.9	118	55.8	112	60-137	5	20	ug/kg	01/31/13 21:11	
1,2,4-Trichlorobenzene	<0.873	50.0	58.5	117	54.8	110	59-138	7	20	ug/kg	01/31/13 21:11	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	57.0	114	55.8	112	59-127	2	20	ug/kg	01/31/13 21:11	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.2	108	53.1	106	70-131	2	20	ug/kg	01/31/13 21:11	
1,2-Dichlorobenzene	<1.29	50.0	57.5	115	54.6	109	76-120	5	20	ug/kg	01/31/13 21:11	
1,2-Dichloroethane	<0.597	50.0	62.2	124	61.2	122	60-136	2	20	ug/kg	01/31/13 21:11	
1,2-Dichloropropane	<0.929	50.0	48.1	96	48.6	97	73-120	1	20	ug/kg	01/31/13 21:11	
1,3-Dichlorobenzene	<0.997	50.0	56.5	113	53.4	107	76-125	6	20	ug/kg	01/31/13 21:11	
1,4-Dichlorobenzene	<0.684	50.0	61.0	122	55.9	112	75-120	9	20	ug/kg	01/31/13 21:11	H
2-Butanone (MEK)	<9.11	100	122	122	122	122	55-143	0	20	ug/kg	01/31/13 21:11	
2-Hexanone	<1.13	100	126	126	131	131	53-142	4	20	ug/kg	01/31/13 21:11	
4-Methyl-2-pentanone (MIBK)	<3.23	100	111	111	114	114	55-138	3	20	ug/kg	01/31/13 21:11	
Acetone	<6.88	100	88.8	89	115	115	51-165	26	20	ug/kg	01/31/13 21:11	F
Benzene	<0.513	50.0	51.7	103	50.0	100	72-126	3	20	ug/kg	01/31/13 21:11	
Bromochloromethane	<1.01	50.0	53.8	108	54.8	110	79-119	2	20	ug/kg	01/31/13 21:11	
Bromodichloromethane	<0.501	50.0	59.4	119	57.1	114	72-126	4	20	ug/kg	01/31/13 21:11	
Bromoform	<0.959	50.0	59.4	119	56.2	112	62-140	6	20	ug/kg	01/31/13 21:11	
Bromomethane	<2.46	50.0	48.6	97	44.8	90	50-156	8	20	ug/kg	01/31/13 21:11	
Carbon disulfide	<1.46	50.0	54.9	110	50.1	100	42-150	9	20	ug/kg	01/31/13 21:11	
Carbon tetrachloride	<0.742	50.0	67.5	135	61.7	123	55-151	9	20	ug/kg	01/31/13 21:11	
Chlorobenzene	<0.579	50.0	53.7	107	51.1	102	80-111	5	20	ug/kg	01/31/13 21:11	
Chloroethane	<2.45	50.0	49.4	99	43.8	88	54-150	12	20	ug/kg	01/31/13 21:11	
Chloroform	<0.741	50.0	54.0	108	55.0	110	73-117	2	20	ug/kg	01/31/13 21:11	
Chloromethane	<2.30	50.0	39.4	79	38.1	76	40-155	3	20	ug/kg	01/31/13 21:11	
cis-1,2-Dichloroethene	<0.662	50.0	52.5	105	51.2	102	71-122	3	20	ug/kg	01/31/13 21:11	
cis-1,3-Dichloropropene	<0.539	50.0	56.2	112	54.4	109	71-129	3	20	ug/kg	01/31/13 21:11	
Cyclohexane	<0.945	50.0	56.0	112	51.3	103	53-141	9	20	ug/kg	01/31/13 21:11	
Dibromochloromethane	<0.994	50.0	60.8	122	59.8	120	68-131	2	20	ug/kg	01/31/13 21:11	
Dichlorodifluoromethane	<1.18	50.0	28.5	57	24.2	48	12-177	16	20	ug/kg	01/31/13 21:11	
Ethylbenzene	<0.565	50.0	58.0	116	54.9	110	74-131	5	20	ug/kg	01/31/13 21:11	
Isopropylbenzene	<0.759	50.0	60.1	120	54.1	108	73-126	11	20	ug/kg	01/31/13 21:11	
m,p-Xylenes	<1.21	100	115	115	111	111	78-122	4	20	ug/kg	01/31/13 21:11	
Methyl acetate	<0.946	50.0	59.7	119	41.7	83	50-150	36	20	ug/kg	01/31/13 21:11	F
Methyl tert-butyl ether	<0.693	100	113	113	110	110	50-162	3	20	ug/kg	01/31/13 21:11	
Methylcyclohexane	<1.09	50.0	57.6	115	53.0	106	54-147	8	20	ug/kg	01/31/13 21:11	
Methylene chloride	<2.17	50.0	53.8	108	51.9	104	61-137	4	20	ug/kg	01/31/13 21:11	
Naphthalene	<1.30	50.0	50.5	101	52.2	104	50-151	3	20	ug/kg	01/31/13 21:11	
o-Xylene	<0.716	50.0	56.3	113	53.6	107	76-121	5	20	ug/kg	01/31/13 21:11	
Styrene	<0.742	50.0	57.2	114	55.9	112	81-117	2	20	ug/kg	01/31/13 21:11	
Tetrachloroethene	<1.04	50.0	57.5	115	54.7	109	70-127	5	20	ug/kg	01/31/13 21:11	
Toluene	<0.588	50.0	52.0	104	50.9	102	75-118	2	20	ug/kg	01/31/13 21:11	
trans-1,2-Dichloroethene	<0.780	50.0	56.0	112	54.1	108	63-137	3	20	ug/kg	01/31/13 21:11	
trans-1,3-Dichloropropene	<0.670	50.0	60.3	121	59.8	120	61-143	1	20	ug/kg	01/31/13 21:11	

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	56.0	112	55.1	110	73-123	2	20	ug/kg	01/31/13 21:11	
Trichlorofluoromethane	<3.51	50.0	43.2	86	40.2	80	47-165	7	20	ug/kg	01/31/13 21:11	
Vinyl chloride	<2.01	50.0	43.8	88	42.0	84	57-139	4	20	ug/kg	01/31/13 21:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	126		128		107		50-150	%	01/31/13 21:11
4-Bromofluorobenzene	103		101		100		57-158	%	01/31/13 21:11
Toluene-D8	101		100		100		50-150	%	01/31/13 21:11

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Tetrachloroethene	<1.04	50.0	54.7	109	70-127	ug/kg	01/31/13 20:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		84		50-150	%	01/31/13 20:55
4-Bromofluorobenzene	90		89		57-158	%	01/31/13 20:55
Toluene-D8	97		98		50-150	%	01/31/13 20:55

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 905957 Matrix: Ground Water Date Prep: 01/31/2013
Parent Sample Id: 456483-001 MS Sample Id: 456483-001 S MSD Sample Id: 456483-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	44	88	43	86	63-149	2	20	ug/L	01/31/13 15:10	
1,1,2,2-Tetrachloroethane	<2.0	50	42	84	43	86	58-140	2	20	ug/L	01/31/13 15:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	58	116	44	88	42-156	27	20	ug/L	01/31/13 15:10	F
1,1,2-Trichloroethane	<0.88	50	43	86	44	88	49-140	2	20	ug/L	01/31/13 15:10	
1,1-Dichloroethane	<0.74	50	39	78	39	78	67-136	0	20	ug/L	01/31/13 15:10	
1,1-Dichloroethene	<0.98	50	48	96	46	92	52-141	4	20	ug/L	01/31/13 15:10	
1,2,3-Trichlorobenzene	<2.6	50	42	84	47	94	50-131	11	20	ug/L	01/31/13 15:10	
1,2,4-Trichlorobenzene	<1.3	50	42	84	46	92	51-125	9	20	ug/L	01/31/13 15:10	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	42	84	45	90	43-155	7	20	ug/L	01/31/13 15:10	
1,2-Dibromoethane (EDB)	<0.79	50	44	88	46	92	66-136	4	20	ug/L	01/31/13 15:10	
1,2-Dichlorobenzene	<0.73	50	42	84	45	90	70-124	7	20	ug/L	01/31/13 15:10	
1,2-Dichloroethane	<0.82	50	42	84	42	84	71-143	0	20	ug/L	01/31/13 15:10	
1,2-Dichloropropane	<0.81	50	38	76	39	78	74-125	3	20	ug/L	01/31/13 15:10	
1,3-Dichlorobenzene	<0.74	50	41	82	43	86	73-123	5	20	ug/L	01/31/13 15:10	
1,4-Dichlorobenzene	<0.59	50	41	82	43	86	74-116	5	20	ug/L	01/31/13 15:10	
2-Butanone (MEK)	<1.3	100	93	93	120	120	43-155	25	20	ug/L	01/31/13 15:10	F
2-Hexanone	<2.5	100	78	78	81	81	52-148	4	20	ug/L	01/31/13 15:10	
4-Methyl-2-pentanone (MIBK)	<2.2	100	71	71	73	73	61-141	3	20	ug/L	01/31/13 15:10	
Acetone	<1.4	100	86	86	95	95	40-140	10	20	ug/L	01/31/13 15:10	
Benzene	<0.67	50	40	80	41	82	78-117	2	20	ug/L	01/31/13 15:10	
Bromochloromethane	<0.47	50	43	86	44	88	65-127	2	20	ug/L	01/31/13 15:10	
Bromodichloromethane	<0.96	50	41	82	42	84	71-133	2	20	ug/L	01/31/13 15:10	
Bromoform	<1.4	50	35	70	35	70	55-129	0	20	ug/L	01/31/13 15:10	
Bromomethane	<2.7	50	51	102	52	104	49-157	2	20	ug/L	01/31/13 15:10	
Carbon disulfide	<0.73	50	35	70	33	66	31-142	6	20	ug/L	01/31/13 15:10	
Carbon tetrachloride	<0.89	50	43	86	40	80	63-152	7	20	ug/L	01/31/13 15:10	
Chlorobenzene	<0.59	50	43	86	44	88	75-117	2	20	ug/L	01/31/13 15:10	
Chloroethane	<0.23	50	52	104	48	96	49-147	8	20	ug/L	01/31/13 15:10	
Chloroform	<1.4	50	43	86	43	86	67-136	0	20	ug/L	01/31/13 15:10	
Chloromethane	<1.2	50	47	94	42	84	35-162	11	20	ug/L	01/31/13 15:10	
cis-1,2-Dichloroethene	<0.80	50	43	86	44	88	64-132	2	20	ug/L	01/31/13 15:10	
cis-1,3-Dichloropropene	<0.76	50	36	72	37	74	69-116	3	20	ug/L	01/31/13 15:10	
Cyclohexane	<0.99	50	45	90	37	74	59-141	20	20	ug/L	01/31/13 15:10	
Dibromochloromethane	<0.79	50	42	84	43	86	54-144	2	20	ug/L	01/31/13 15:10	
Dichlorodifluoromethane	<0.73	50	59	118	45	90	26-171	27	20	ug/L	01/31/13 15:10	F
Ethylbenzene	<0.66	50	42	84	42	84	74-131	0	20	ug/L	01/31/13 15:10	
Isopropylbenzene	<1.0	50	39	78	39	78	63-133	0	20	ug/L	01/31/13 15:10	
m,p-Xylenes	<1.2	100	77	77	78	78	67-134	1	20	ug/L	01/31/13 15:10	
Methyl acetate	<0.15	50	39	78	39	78	65-135	0	20	ug/L	01/31/13 15:10	
Methyl tert-butyl ether	<0.62	100	84	84	87	87	51-156	4	20	ug/L	01/31/13 15:10	
Methylcyclohexane	<0.76	50	45	90	39	78	62-123	14	20	ug/L	01/31/13 15:10	
Methylene chloride	<0.92	50	36	72	36	72	52-165	0	20	ug/L	01/31/13 15:10	
Naphthalene	<4.0	50	45	90	49	98	31-151	9	20	ug/L	01/31/13 15:10	
o-Xylene	<0.57	50	39	78	40	80	70-125	3	20	ug/L	01/31/13 15:10	
Styrene	<0.56	50	28	56	28	56	42-145	0	20	ug/L	01/31/13 15:10	
Tetrachloroethene	<1.8	50	45	90	45	90	57-132	0	20	ug/L	01/31/13 15:10	
Toluene	<0.68	50	41	82	41	82	76-119	0	20	ug/L	01/31/13 15:10	
trans-1,2-Dichloroethene	<0.73	50	43	86	43	86	46-152	0	20	ug/L	01/31/13 15:10	
trans-1,3-Dichloropropene	<0.84	50	38	76	39	78	60-132	3	20	ug/L	01/31/13 15:10	

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 905957 Matrix: Ground Water Date Prep: 01/31/2013

Parent Sample Id: 456483-001 MS Sample Id: 456483-001 S MSD Sample Id: 456483-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	44	88	44	88	77-120	0	20	ug/L	01/31/13 15:10	
Trichlorofluoromethane	<0.85	50	59	118	51	102	47-165	15	20	ug/L	01/31/13 15:10	
Vinyl chloride	<0.15	50	50	100	45	90	43-148	11	20	ug/L	01/31/13 15:10	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	99		95		53-159	%	01/31/13 15:10
4-Bromofluorobenzene	94		93		30-186	%	01/31/13 15:10
Toluene-D8	101		100		70-130	%	01/31/13 15:10

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013
Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.855	56.8	77.8	137	89.2	156	62-137	14	20	ug/kg	02/01/13 07:57	X
1,1,2,2-Tetrachloroethane	<1.35	56.8	70.1	123	43.6	76	64-128	47	20	ug/kg	02/01/13 07:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.26	56.8	94.3	166	91.7	160	33-177	3	20	ug/kg	02/01/13 07:57	
1,1,2-Trichloroethane	<0.761	56.8	63.1	111	52.0	91	61-130	19	20	ug/kg	02/01/13 07:57	
1,1-Dichloroethane	<0.911	56.8	71.6	126	72.8	127	65-136	2	20	ug/kg	02/01/13 07:57	X
1,1-Dichloroethene	<1.32	56.8	76.5	135	69.0	121	33-158	10	20	ug/kg	02/01/13 07:57	
1,2,3-Trichlorobenzene	<0.652	56.8	76.3	134	54.9	96	48-135	33	20	ug/kg	02/01/13 07:57	F
1,2,4-Trichlorobenzene	<0.992	56.8	67.1	118	61.1	107	43-139	9	20	ug/kg	02/01/13 07:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.84	56.8	82.1	145	42.2	74	51-130	64	20	ug/kg	02/01/13 07:57	XF
1,2-Dibromoethane (EDB)	<0.980	56.8	65.9	116	50.0	87	69-132	27	20	ug/kg	02/01/13 07:57	F
1,2-Dichlorobenzene	<1.47	56.8	63.8	112	60.0	105	71-120	6	20	ug/kg	02/01/13 07:57	
1,2-Dichloroethane	<0.678	56.8	79.4	140	64.8	113	53-140	20	20	ug/kg	02/01/13 07:57	
1,2-Dichloropropane	<1.06	56.8	50.6	89	55.7	97	68-126	10	20	ug/kg	02/01/13 07:57	
1,3-Dichlorobenzene	<1.13	56.8	62.3	110	63.8	112	68-127	2	20	ug/kg	02/01/13 07:57	
1,4-Dichlorobenzene	<0.777	56.8	66.7	117	66.6	116	72-118	0	20	ug/kg	02/01/13 07:57	
2-Butanone (MEK)	<10.3	114	134	118	65.7	58	42-147	68	20	ug/kg	02/01/13 07:57	F
2-Hexanone	<1.28	114	153	134	84.1	74	32-142	58	20	ug/kg	02/01/13 07:57	F
4-Methyl-2-pentanone (MIBK)	<3.67	114	160	140	82.7	73	34-149	64	20	ug/kg	02/01/13 07:57	F
Acetone	<7.81	114	234	205	149	131	51-165	44	20	ug/kg	02/01/13 07:57	XF
Benzene	<0.583	56.8	53.9	95	62.0	108	65-135	14	20	ug/kg	02/01/13 07:57	
Bromochloromethane	<1.14	56.8	68.8	121	54.6	95	66-137	23	20	ug/kg	02/01/13 07:57	F
Bromodichloromethane	<0.569	56.8	64.4	113	67.8	119	60-129	5	20	ug/kg	02/01/13 07:57	
Bromoform	<1.09	56.8	68.2	120	48.0	84	48-147	35	20	ug/kg	02/01/13 07:57	F
Bromomethane	<2.79	56.8	65.8	116	62.9	110	42-170	5	20	ug/kg	02/01/13 07:57	
Carbon disulfide	<1.65	56.8	73.3	129	70.3	123	40-147	4	20	ug/kg	02/01/13 07:57	
Carbon tetrachloride	<0.843	56.8	61.5	108	82.3	144	54-148	29	20	ug/kg	02/01/13 07:57	F
Chlorobenzene	<0.658	56.8	56.2	99	63.0	110	71-117	11	20	ug/kg	02/01/13 07:57	
Chloroethane	<2.78	56.8	64.4	113	64.8	113	44-166	1	20	ug/kg	02/01/13 07:57	
Chloroform	<0.842	56.8	64.7	114	72.6	127	62-127	12	20	ug/kg	02/01/13 07:57	X
Chloromethane	<2.62	56.8	65.9	116	61.4	107	34-157	7	20	ug/kg	02/01/13 07:57	
cis-1,2-Dichloroethene	<0.752	56.8	59.6	105	60.4	106	41-155	1	20	ug/kg	02/01/13 07:57	
cis-1,3-Dichloropropene	<0.612	56.8	54.1	95	58.8	103	63-128	8	20	ug/kg	02/01/13 07:57	
Cyclohexane	<1.07	56.8	58.3	103	75.0	131	53-145	25	20	ug/kg	02/01/13 07:57	F
Dibromochloromethane	<1.13	56.8	68.0	120	60.6	106	59-135	12	20	ug/kg	02/01/13 07:57	
Dichlorodifluoromethane	<1.34	56.8	66.3	117	67.3	118	16-171	1	20	ug/kg	02/01/13 07:57	
Ethylbenzene	<0.642	56.8	65.6	115	75.0	131	65-139	13	20	ug/kg	02/01/13 07:57	
Isopropylbenzene	<0.862	56.8	65.6	115	71.6	125	62-133	9	20	ug/kg	02/01/13 07:57	
m,p-Xylenes	<1.37	114	124	109	145	127	69-130	16	20	ug/kg	02/01/13 07:57	X
Methyl acetate	<1.07	56.8	110	194	68.8	120	20-170	46	20	ug/kg	02/01/13 07:57	XF
Methyl tert-butyl ether	<0.787	114	144	126	102	89	48-169	34	20	ug/kg	02/01/13 07:57	F
Methylcyclohexane	<1.24	56.8	65.0	114	89.2	156	57-149	31	20	ug/kg	02/01/13 07:57	XF
Methylene chloride	10.1	56.8	66.9	100	61.2	89	17-184	9	20	ug/kg	02/01/13 07:57	
Naphthalene	<1.48	56.8	61.6	108	41.9	73	27-157	38	20	ug/kg	02/01/13 07:57	F
o-Xylene	<0.813	56.8	57.2	101	67.5	118	71-124	17	20	ug/kg	02/01/13 07:57	
Styrene	<0.843	56.8	57.0	100	65.7	115	50-143	14	20	ug/kg	02/01/13 07:57	
Tetrachloroethene	5.50	56.8	74.3	121	80.9	132	42-156	9	20	ug/kg	02/01/13 07:57	X
Toluene	<0.668	56.8	54.4	96	65.4	114	65-128	18	20	ug/kg	02/01/13 07:57	
trans-1,2-Dichloroethene	<0.886	56.8	74.8	132	73.7	129	57-143	1	20	ug/kg	02/01/13 07:57	
trans-1,3-Dichloropropene	<0.761	56.8	65.4	115	64.5	113	55-141	1	20	ug/kg	02/01/13 07:57	

QC Summary 456741

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013

Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.803	56.8	62.0	109	73.0	128	39-150	16	20	ug/kg	02/01/13 07:57	X
Trichlorofluoromethane	<3.99	56.8	67.1	118	68.5	120	34-179	2	20	ug/kg	02/01/13 07:57	
Vinyl chloride	<2.28	56.8	67.4	119	75.7	132	40-161	12	20	ug/kg	02/01/13 07:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	155	**	132		50-150	%	02/01/13 07:57
4-Bromofluorobenzene	97		94		57-158	%	02/01/13 07:57
Toluene-D8	91		100		50-150	%	02/01/13 07:57

XENCO Laboratories

☐ 32[illegible] NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099
☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260022 Page 1 of 2

Company-City: AEM INC Phone:

Lab Only: WO#456741

Proj Name-Location: ARAMARK DEKALB ☐ Previously done at XENCO Project ID: 1133-1301

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other Proj. Manager (PM): Leona Miles

e-Mail Results to ☑ PM or leona-miles@aem-net.com Fax No:

Invoice to ☐ Accounting ☑ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: P.O No: ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name Signature

	Sample ID	Sampling Date	Time	Depth ft In m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP VOCs	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	
1	SB-1 (2-4')	1/31/13	0845	2-4 ft	S			5	V	V	V	✓													HOLD	1
2	SB-1 (6-8')	1/31/13	0850	6-8 ft	S			5	V	V	V	✓													TCLP	2
3	SB-1 (10-12')	1/31/13	0855	ft	S			5	V	V	V	✓													ANALYSIS	3
4	SB-1 (14-16')	1/31/13	0900	ft	S			5	V	V	V	✓														4
5	SB-2 (2-4')	1/31/13	0935	ft	S			5	V	V	V	✓														5
6	SB-2 (6-8')	1/31/13	0940	ft	S			5	V	V	V	✓														6
7	SB-2 (10-12')	1/31/13	0948	ft	S			5	V	V	V	✓														7
8	SB-2 (14-16')	1/31/13	0950	ft	S			5	V	V	V	✓														8
9	SB-3 (2-4')	1/31/13	1010	ft	S			5	V	V	V	✓														9
10	SB-3 (6-8')	1/31/13	1015	ft	S			5	V	V	V	✓														10

Addn:

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Leona Miles	1/31/13 1058	2) [signature]	1/31/13 10:58
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 5.1 °C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260023

Company-City: AEM Inc **Phone:**

Lab Only: WO# 456741

Proj Name-Location: DeKalb ☐ Previously done at XENCO **Project ID:** 1133-1301

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☒ PM or **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name Signature

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP VOCs - Hold ALL	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:
1	SB-3 (10-12')	1/31/13	1020	ft	S			5	V	V	V	✓	✓													1
2	SB-3 (14-16')	1/31/13	1025	ft	S			5	V	V	V	✓	✓													2
3	SB-4 (2-4')	1/31/13	1048	ft	S			5	V	V	V	✓	✓													3
4	Trip Blank 1											✓													Green Cooler	4
5	Trip Blank 2											✓													Blue Cooler	5
6																										6
7																										7
8																										8
9																										9
10																										10

Relinquished by: (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp: 5.1 C
1) Leona Miles	1/31/13 1058	2) [signature]	1/31/13 10:58		
3)		4)			
5)		6)			

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 01/31/2013 10:58:00 AM

Work Order #: 456741

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5.1
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 01/31/2013

Checklist reviewed by: Eben Buchanan Date: 01/31/2013

Analytical Report 456765

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

05-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

05-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456765**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456765. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456765 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-4 (6-8FT)	S	01-31-13 10:52	6 - 8 ft	456765-001
SB-4 (10-12FT)	S	01-31-13 10:55	10 - 12 ft	456765-002
SB-4 (14-16FT)	S	01-31-13 10:58	14 - 16 ft	456765-003
SB-5 (2-4FT)	S	01-31-13 11:25	2 - 4 ft	456765-004
SB-5 (6-8FT)	S	01-31-13 11:30	6 - 8 ft	456765-005
SB-5 (10-12FT)	S	01-31-13 11:35	10 - 12 ft	456765-006
SB-5 (14-16FT)	S	01-31-13 11:37	14 - 16 ft	456765-007
Trip Blank	W	01-31-13 00:00		456765-008

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-905957 VOCs by SW-846 8260B

Batch 905957, 1,1,2-Trichloro-1,2,2-trifluoroethane , 2-Butanone (MEK), Dichlorodifluoromethane RPD was outside QC limits. Samples affected are: 456765-008.

Batch 905957, Styrene recovered below QC limits in the Matrix Spike Duplicate. Samples affected are: 456765-008. The Laboratory Control Sample for Styrene is within laboratory Control Limits.

Batch: LBA-905960 VOCs by SW-846 8260B

Batch 905960, Acetone, Methyl acetate RPD was outside laboratory control limits. Samples affected are: 456765-007, -002, -001, -003, -006, -005.

Batch 905960, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis. Samples affected are: 456765-002 S.

Batch 905960, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methyl acetate recovered above QC limits in the Matrix Spike. 1,1,1-Trichloroethane, 1,1-Dichloroethane, Chloroform, Methylcyclohexane, Tetrachloroethene, Trichloroethene, m,p-Xylenes recovered above QC limits in the Matrix Spike Duplicate. Samples affected are: 456765-007, -002, -001, -003, -006, -005. The Laboratory Control Sample for Acetone, 1,2-Dibromo-3-chloropropane (DBCP) , 1,1-Dichloroethane, Methyl acetate , Methylcyclohexane, Trichloroethene, m,p-Xylenes, Chloroform, Tetrachloroethene , 1,1,1-Trichloroethane is within laboratory Control Limits.

Batch 905960, 1,4-Dichlorobenzene recovered above QC limits in the laboratory control sample. Samples affected are: 456765-007, -002, -001, -003, -006, -005.

Batch 905960, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP) , 1,2-Dibromoethane (EDB), 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) , Acetone, Bromochloromethane, Bromoform, Carbon tetrachloride , Cyclohexane, Methyl acetate , Methyl tert-butyl ether, Methylcyclohexane, Naphthalene RPD was outside QC limits. Samples affected are: 456765-007, -002, -001, -003, -006, -005.

The responses of one or more internal standards were outside the method specified limit (low) for the MS. The parent sample and MSD internal standard responses were within the acceptable limits: 456765-002S

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-4 (6-8FT)**	Matrix:	**Soil**	% Moisture:	**21.15**
Lab Sample Id:	**456765-001**	Date Collected:	**01.31.13 10.52**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	8.42	ug/kg	02.01.13 02.27		1

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-4 (10-12FT)**	Matrix:	**Soil**	% Moisture:	**15.52**
Lab Sample Id:	**456765-002**	Date Collected:	**01.31.13 10.55**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	5.50	ug/kg	02.01.13 02.51		1

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-4 (14-16FT)**	Matrix:	**Soil**	% Moisture:	**21.43**
Lab Sample Id:	**456765-003**	Date Collected:	**01.31.13 10.58**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	10.2	ug/kg	02.01.13 03.16		1

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-5 (2-4FT)**	Matrix:	**Soil**	% Moisture:	**28.24**
Lab Sample Id:	**456765-004**	Date Collected:	**01.31.13 11.25**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	8070	ug/kg	02.01.13 03.10		50

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-5 (6-8FT)**	Matrix:	**Soil**	% Moisture:	**22.63**
Lab Sample Id:	**456765-005**	Date Collected:	**01.31.13 11.30**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	29.9	ug/kg	02.01.13 04.07		1

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-5 (10-12FT)**	Matrix:	**Soil**	% Moisture:	**18.71**
Lab Sample Id:	**456765-006**	Date Collected:	**01.31.13 11.35**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	8.39	ug/kg	02.01.13 04.31		1

Hits Summary 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-5 (14-16FT)**	Matrix:	**Soil**	% Moisture:	**24.03**
Lab Sample Id:	**456765-007**	Date Collected:	**01.31.13 11.37**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**01.31.13 13.30**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	8.79	ug/kg	02.01.13 04.56		1

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (6-8FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-001** Date Collected: 01.31.13 10.52 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 21.15
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,1-Dichloroethane	75-34-3	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,1-Dichloroethene	75-35-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2-Dichloroethane	107-06-2	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,2-Dichloropropane	78-87-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.24	ug/kg	02.01.13 02.27	U	1
2-Butanone (MEK)	78-93-3	BRL	52.4	ug/kg	02.01.13 02.27	U	1
2-Hexanone	591-78-6	BRL	52.4	ug/kg	02.01.13 02.27	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	52.4	ug/kg	02.01.13 02.27	U	1
Acetone	67-64-1	BRL	52.4	ug/kg	02.01.13 02.27	U	1
Benzene	71-43-2	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Bromochloromethane	74-97-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Bromodichloromethane	75-27-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Bromoform	75-25-2	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Bromomethane	74-83-9	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Carbon disulfide	75-15-0	BRL	41.9	ug/kg	02.01.13 02.27	U	1
Carbon tetrachloride	56-23-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Chlorobenzene	108-90-7	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Chloroethane	75-00-3	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Chloroform	67-66-3	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Chloromethane	74-87-3	BRL	10.5	ug/kg	02.01.13 02.27	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.24	ug/kg	02.01.13 02.27	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Cyclohexane	110-82-7	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Dibromochloromethane	124-48-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Ethylbenzene	100-41-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Isopropylbenzene	98-82-8	BRL	5.24	ug/kg	02.01.13 02.27	U	1
m,p-Xylenes	179601-23-1	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Methyl acetate	79-20-9	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Methylcyclohexane	108-87-2	BRL	5.24	ug/kg	02.01.13 02.27	U	1

Certificate of Analytical Results 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (6-8FT)** Matrix: Soil Date Received: 01.31.13 13.30

Lab Sample Id: **456765-001** Date Collected: 01.31.13 10.52 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 21.15

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.0	ug/kg	02.01.13 02.27	U	1
Naphthalene	91-20-3	BRL	5.24	ug/kg	02.01.13 02.27	U	1
o-Xylene	95-47-6	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Styrene	100-42-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Tetrachloroethene	127-18-4	**8.42**	5.24	ug/kg	02.01.13 02.27		1
Toluene	108-88-3	BRL	5.24	ug/kg	02.01.13 02.27	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.24	ug/kg	02.01.13 02.27	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Trichloroethene	79-01-6	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Trichlorofluoromethane	75-69-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1
Vinyl chloride	75-01-4	BRL	5.24	ug/kg	02.01.13 02.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	146	%	50-150	02.01.13 02.27	
4-Bromofluorobenzene	460-00-4	109	%	57-158	02.01.13 02.27	
Toluene-D8	2037-26-5	100	%	50-150	02.01.13 02.27	

Certificate of Analytical Results 456765

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (10-12FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-002** Date Collected: 01.31.13 10.55 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 15.52
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,1-Dichloroethane	75-34-3	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,1-Dichloroethene	75-35-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2-Dichloroethane	107-06-2	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,2-Dichloropropane	78-87-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.32	ug/kg	02.01.13 02.51	U	1
2-Butanone (MEK)	78-93-3	BRL	53.2	ug/kg	02.01.13 02.51	U	1
2-Hexanone	591-78-6	BRL	53.2	ug/kg	02.01.13 02.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	53.2	ug/kg	02.01.13 02.51	U	1
Acetone	67-64-1	BRL	53.2	ug/kg	02.01.13 02.51	U	1
Benzene	71-43-2	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Bromochloromethane	74-97-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Bromodichloromethane	75-27-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Bromoform	75-25-2	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Bromomethane	74-83-9	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Carbon disulfide	75-15-0	BRL	42.6	ug/kg	02.01.13 02.51	U	1
Carbon tetrachloride	56-23-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Chlorobenzene	108-90-7	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Chloroethane	75-00-3	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Chloroform	67-66-3	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Chloromethane	74-87-3	BRL	10.6	ug/kg	02.01.13 02.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.32	ug/kg	02.01.13 02.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Cyclohexane	110-82-7	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Dibromochloromethane	124-48-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Ethylbenzene	100-41-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Isopropylbenzene	98-82-8	BRL	5.32	ug/kg	02.01.13 02.51	U	1
m,p-Xylenes	179601-23-1	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Methyl acetate	79-20-9	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Methylcyclohexane	108-87-2	BRL	5.32	ug/kg	02.01.13 02.51	U	1

Certificate of Analytical Results 456765

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (10-12FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-002** Date Collected: 01.31.13 10.55 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 15.52
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.3	ug/kg	02.01.13 02.51	U	1
Naphthalene	91-20-3	BRL	5.32	ug/kg	02.01.13 02.51	U	1
o-Xylene	95-47-6	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Styrene	100-42-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Tetrachloroethene	127-18-4	**5.50**	5.32	ug/kg	02.01.13 02.51		1
Toluene	108-88-3	BRL	5.32	ug/kg	02.01.13 02.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.32	ug/kg	02.01.13 02.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Trichloroethene	79-01-6	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Trichlorofluoromethane	75-69-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1
Vinyl chloride	75-01-4	BRL	5.32	ug/kg	02.01.13 02.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	141	%	50-150	02.01.13 02.51	
4-Bromofluorobenzene	460-00-4	103	%	57-158	02.01.13 02.51	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 02.51	

Certificate of Analytical Results 456765

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (14-16FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-003** Date Collected: 01.31.13 10.58 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 21.43
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,1-Dichloroethane	75-34-3	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,1-Dichloroethene	75-35-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2-Dichloroethane	107-06-2	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,2-Dichloropropane	78-87-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.23	ug/kg	02.01.13 03.16	U	1
2-Butanone (MEK)	78-93-3	BRL	62.3	ug/kg	02.01.13 03.16	U	1
2-Hexanone	591-78-6	BRL	62.3	ug/kg	02.01.13 03.16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	62.3	ug/kg	02.01.13 03.16	U	1
Acetone	67-64-1	BRL	62.3	ug/kg	02.01.13 03.16	U	1
Benzene	71-43-2	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Bromochloromethane	74-97-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Bromodichloromethane	75-27-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Bromoform	75-25-2	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Bromomethane	74-83-9	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Carbon disulfide	75-15-0	BRL	49.8	ug/kg	02.01.13 03.16	U	1
Carbon tetrachloride	56-23-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Chlorobenzene	108-90-7	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Chloroethane	75-00-3	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Chloroform	67-66-3	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Chloromethane	74-87-3	BRL	12.5	ug/kg	02.01.13 03.16	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.23	ug/kg	02.01.13 03.16	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Cyclohexane	110-82-7	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Dibromochloromethane	124-48-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Ethylbenzene	100-41-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Isopropylbenzene	98-82-8	BRL	6.23	ug/kg	02.01.13 03.16	U	1
m,p-Xylenes	179601-23-1	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Methyl acetate	79-20-9	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Methylcyclohexane	108-87-2	BRL	6.23	ug/kg	02.01.13 03.16	U	1

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-4 (14-16FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-003** Date Collected: 01.31.13 10.58 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 21.43
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	24.9	ug/kg	02.01.13 03.16	U	1
Naphthalene	91-20-3	BRL	6.23	ug/kg	02.01.13 03.16	U	1
o-Xylene	95-47-6	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Styrene	100-42-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Tetrachloroethene	127-18-4	**10.2**	6.23	ug/kg	02.01.13 03.16		1
Toluene	108-88-3	BRL	6.23	ug/kg	02.01.13 03.16	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.23	ug/kg	02.01.13 03.16	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Trichloroethene	79-01-6	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Trichlorofluoromethane	75-69-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1
Vinyl chloride	75-01-4	BRL	6.23	ug/kg	02.01.13 03.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	140	%	50-150	02.01.13 03.16	
4-Bromofluorobenzene	460-00-4	104	%	57-158	02.01.13 03.16	
Toluene-D8	2037-26-5	103	%	50-150	02.01.13 03.16	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (2-4FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-004** Date Collected: 01.31.13 11.25 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 28.24
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	298	ug/kg	02.01.13 03.10	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	298	ug/kg	02.01.13 03.10	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	298	ug/kg	02.01.13 03.10	U	50
1,1,2-Trichloroethane	79-00-5	BRL	298	ug/kg	02.01.13 03.10	U	50
1,1-Dichloroethane	75-34-3	BRL	298	ug/kg	02.01.13 03.10	U	50
1,1-Dichloroethene	75-35-4	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2-Dichlorobenzene	95-50-1	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2-Dichloroethane	107-06-2	BRL	298	ug/kg	02.01.13 03.10	U	50
1,2-Dichloropropane	78-87-5	BRL	298	ug/kg	02.01.13 03.10	U	50
1,3-Dichlorobenzene	541-73-1	BRL	298	ug/kg	02.01.13 03.10	U	50
1,4-Dichlorobenzene	106-46-7	BRL	298	ug/kg	02.01.13 03.10	U	50
2-Butanone (MEK)	78-93-3	BRL	2980	ug/kg	02.01.13 03.10	U	50
2-Hexanone	591-78-6	BRL	2980	ug/kg	02.01.13 03.10	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2980	ug/kg	02.01.13 03.10	U	50
Acetone	67-64-1	BRL	2980	ug/kg	02.01.13 03.10	U	50
Benzene	71-43-2	BRL	298	ug/kg	02.01.13 03.10	U	50
Bromochloromethane	74-97-5	BRL	298	ug/kg	02.01.13 03.10	U	50
Bromodichloromethane	75-27-4	BRL	298	ug/kg	02.01.13 03.10	U	50
Bromoform	75-25-2	BRL	298	ug/kg	02.01.13 03.10	U	50
Bromomethane	74-83-9	BRL	298	ug/kg	02.01.13 03.10	U	50
Carbon disulfide	75-15-0	BRL	2380	ug/kg	02.01.13 03.10	U	50
Carbon tetrachloride	56-23-5	BRL	298	ug/kg	02.01.13 03.10	U	50
Chlorobenzene	108-90-7	BRL	298	ug/kg	02.01.13 03.10	U	50
Chloroethane	75-00-3	BRL	298	ug/kg	02.01.13 03.10	U	50
Chloroform	67-66-3	BRL	298	ug/kg	02.01.13 03.10	U	50
Chloromethane	74-87-3	BRL	596	ug/kg	02.01.13 03.10	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	298	ug/kg	02.01.13 03.10	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	298	ug/kg	02.01.13 03.10	U	50
Cyclohexane	110-82-7	BRL	298	ug/kg	02.01.13 03.10	U	50
Dibromochloromethane	124-48-1	BRL	298	ug/kg	02.01.13 03.10	U	50
Dichlorodifluoromethane	75-71-8	BRL	298	ug/kg	02.01.13 03.10	U	50
Ethylbenzene	100-41-4	BRL	298	ug/kg	02.01.13 03.10	U	50
Isopropylbenzene	98-82-8	BRL	298	ug/kg	02.01.13 03.10	U	50
m,p-Xylenes	179601-23-1	BRL	298	ug/kg	02.01.13 03.10	U	50
Methyl acetate	79-20-9	BRL	298	ug/kg	02.01.13 03.10	U	50
Methyl tert-butyl ether	1634-04-4	BRL	298	ug/kg	02.01.13 03.10	U	50
Methylcyclohexane	108-87-2	BRL	298	ug/kg	02.01.13 03.10	U	50

Certificate of Analytical Results 456765

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (2-4FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-004** Date Collected: 01.31.13 11.25 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 28.24
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1190	ug/kg	02.01.13 03.10	U	50
Naphthalene	91-20-3	BRL	298	ug/kg	02.01.13 03.10	U	50
o-Xylene	95-47-6	BRL	298	ug/kg	02.01.13 03.10	U	50
Styrene	100-42-5	BRL	298	ug/kg	02.01.13 03.10	U	50
Tetrachloroethene	127-18-4	**8070**	298	ug/kg	02.01.13 03.10		50
Toluene	108-88-3	BRL	298	ug/kg	02.01.13 03.10	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	298	ug/kg	02.01.13 03.10	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	298	ug/kg	02.01.13 03.10	U	50
Trichloroethene	79-01-6	BRL	298	ug/kg	02.01.13 03.10	U	50
Trichlorofluoromethane	75-69-4	BRL	298	ug/kg	02.01.13 03.10	U	50
Vinyl chloride	75-01-4	BRL	298	ug/kg	02.01.13 03.10	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	79	%	50-150	02.01.13 03.10	
4-Bromofluorobenzene	460-00-4	92	%	57-158	02.01.13 03.10	
Toluene-D8	2037-26-5	97	%	50-150	02.01.13 03.10	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (6-8FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-005** Date Collected: 01.31.13 11.30 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.63
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,1-Dichloroethane	75-34-3	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,1-Dichloroethene	75-35-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2-Dichloroethane	107-06-2	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,2-Dichloropropane	78-87-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.95	ug/kg	02.01.13 04.07	U	1
2-Butanone (MEK)	78-93-3	BRL	49.5	ug/kg	02.01.13 04.07	U	1
2-Hexanone	591-78-6	BRL	49.5	ug/kg	02.01.13 04.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	49.5	ug/kg	02.01.13 04.07	U	1
Acetone	67-64-1	BRL	49.5	ug/kg	02.01.13 04.07	U	1
Benzene	71-43-2	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Bromochloromethane	74-97-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Bromodichloromethane	75-27-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Bromoform	75-25-2	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Bromomethane	74-83-9	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Carbon disulfide	75-15-0	BRL	39.6	ug/kg	02.01.13 04.07	U	1
Carbon tetrachloride	56-23-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Chlorobenzene	108-90-7	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Chloroethane	75-00-3	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Chloroform	67-66-3	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Chloromethane	74-87-3	BRL	9.90	ug/kg	02.01.13 04.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.95	ug/kg	02.01.13 04.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Cyclohexane	110-82-7	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Dibromochloromethane	124-48-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Ethylbenzene	100-41-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Isopropylbenzene	98-82-8	BRL	4.95	ug/kg	02.01.13 04.07	U	1
m,p-Xylenes	179601-23-1	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Methyl acetate	79-20-9	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Methylcyclohexane	108-87-2	BRL	4.95	ug/kg	02.01.13 04.07	U	1

Certificate of Analytical Results 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (6-8FT)** Matrix: Soil Date Received: 01.31.13 13.30

Lab Sample Id: **456765-005** Date Collected: 01.31.13 11.30 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 22.63

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	19.8	ug/kg	02.01.13 04.07	U	1
Naphthalene	91-20-3	BRL	4.95	ug/kg	02.01.13 04.07	U	1
o-Xylene	95-47-6	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Styrene	100-42-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Tetrachloroethene	127-18-4	**29.9**	4.95	ug/kg	02.01.13 04.07		1
Toluene	108-88-3	BRL	4.95	ug/kg	02.01.13 04.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.95	ug/kg	02.01.13 04.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Trichloroethene	79-01-6	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Trichlorofluoromethane	75-69-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1
Vinyl chloride	75-01-4	BRL	4.95	ug/kg	02.01.13 04.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	142	%	50-150	02.01.13 04.07	
4-Bromofluorobenzene	460-00-4	105	%	57-158	02.01.13 04.07	
Toluene-D8	2037-26-5	99	%	50-150	02.01.13 04.07	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (10-12FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-006** Date Collected: 01.31.13 11.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 18.71
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,1-Dichloroethane	75-34-3	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,1-Dichloroethene	75-35-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2-Dichloroethane	107-06-2	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,2-Dichloropropane	78-87-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.03	ug/kg	02.01.13 04.31	U	1
2-Butanone (MEK)	78-93-3	BRL	60.3	ug/kg	02.01.13 04.31	U	1
2-Hexanone	591-78-6	BRL	60.3	ug/kg	02.01.13 04.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	60.3	ug/kg	02.01.13 04.31	U	1
Acetone	67-64-1	BRL	60.3	ug/kg	02.01.13 04.31	U	1
Benzene	71-43-2	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Bromochloromethane	74-97-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Bromodichloromethane	75-27-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Bromoform	75-25-2	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Bromomethane	74-83-9	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Carbon disulfide	75-15-0	BRL	48.2	ug/kg	02.01.13 04.31	U	1
Carbon tetrachloride	56-23-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Chlorobenzene	108-90-7	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Chloroethane	75-00-3	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Chloroform	67-66-3	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Chloromethane	74-87-3	BRL	12.1	ug/kg	02.01.13 04.31	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.03	ug/kg	02.01.13 04.31	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Cyclohexane	110-82-7	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Dibromochloromethane	124-48-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Ethylbenzene	100-41-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Isopropylbenzene	98-82-8	BRL	6.03	ug/kg	02.01.13 04.31	U	1
m,p-Xylenes	179601-23-1	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Methyl acetate	79-20-9	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Methylcyclohexane	108-87-2	BRL	6.03	ug/kg	02.01.13 04.31	U	1

Certificate of Analytical Results 456765

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (10-12FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-006** Date Collected: 01.31.13 11.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 18.71
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	24.1	ug/kg	02.01.13 04.31	U	1
Naphthalene	91-20-3	BRL	6.03	ug/kg	02.01.13 04.31	U	1
o-Xylene	95-47-6	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Styrene	100-42-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Tetrachloroethene	127-18-4	**8.39**	6.03	ug/kg	02.01.13 04.31		1
Toluene	108-88-3	BRL	6.03	ug/kg	02.01.13 04.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.03	ug/kg	02.01.13 04.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Trichloroethene	79-01-6	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Trichlorofluoromethane	75-69-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1
Vinyl chloride	75-01-4	BRL	6.03	ug/kg	02.01.13 04.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	147	%	50-150	02.01.13 04.31	
4-Bromofluorobenzene	460-00-4	107	%	57-158	02.01.13 04.31	
Toluene-D8	2037-26-5	100	%	50-150	02.01.13 04.31	

Certificate of Analytical Results 456765

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (14-16FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-007** Date Collected: 01.31.13 11.37 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 24.03
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,1-Dichloroethane	75-34-3	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,1-Dichloroethene	75-35-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2-Dichloroethane	107-06-2	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,2-Dichloropropane	78-87-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.03	ug/kg	02.01.13 04.56	U	1
2-Butanone (MEK)	78-93-3	BRL	60.3	ug/kg	02.01.13 04.56	U	1
2-Hexanone	591-78-6	BRL	60.3	ug/kg	02.01.13 04.56	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	60.3	ug/kg	02.01.13 04.56	U	1
Acetone	67-64-1	BRL	60.3	ug/kg	02.01.13 04.56	U	1
Benzene	71-43-2	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Bromochloromethane	74-97-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Bromodichloromethane	75-27-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Bromoform	75-25-2	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Bromomethane	74-83-9	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Carbon disulfide	75-15-0	BRL	48.2	ug/kg	02.01.13 04.56	U	1
Carbon tetrachloride	56-23-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Chlorobenzene	108-90-7	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Chloroethane	75-00-3	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Chloroform	67-66-3	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Chloromethane	74-87-3	BRL	12.1	ug/kg	02.01.13 04.56	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.03	ug/kg	02.01.13 04.56	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Cyclohexane	110-82-7	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Dibromochloromethane	124-48-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Ethylbenzene	100-41-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Isopropylbenzene	98-82-8	BRL	6.03	ug/kg	02.01.13 04.56	U	1
m,p-Xylenes	179601-23-1	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Methyl acetate	79-20-9	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Methylcyclohexane	108-87-2	BRL	6.03	ug/kg	02.01.13 04.56	U	1

Certificate of Analytical Results 456765

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-5 (14-16FT)** Matrix: Soil Date Received: 01.31.13 13.30
Lab Sample Id: **456765-007** Date Collected: 01.31.13 11.37 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 24.03
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	24.1	ug/kg	02.01.13 04.56	U	1
Naphthalene	91-20-3	BRL	6.03	ug/kg	02.01.13 04.56	U	1
o-Xylene	95-47-6	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Styrene	100-42-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Tetrachloroethene	127-18-4	**8.79**	6.03	ug/kg	02.01.13 04.56		1
Toluene	108-88-3	BRL	6.03	ug/kg	02.01.13 04.56	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.03	ug/kg	02.01.13 04.56	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Trichloroethene	79-01-6	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Trichlorofluoromethane	75-69-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1
Vinyl chloride	75-01-4	BRL	6.03	ug/kg	02.01.13 04.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	146	%	50-150	02.01.13 04.56	
4-Bromofluorobenzene	460-00-4	109	%	57-158	02.01.13 04.56	
Toluene-D8	2037-26-5	102	%	50-150	02.01.13 04.56	

Certificate of Analytical Results 456765

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 13.30
Lab Sample Id: **456765-008** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: TIMWEL % Moisture:
Analyst: NTR Date Prep: 01.31.13 06.46
Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	01.31.13 16.29	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	01.31.13 16.29	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	01.31.13 16.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	01.31.13 16.29	U	1
Acetone	67-64-1	BRL	50	ug/L	01.31.13 16.29	U	1
Benzene	71-43-2	BRL	5.0	ug/L	01.31.13 16.29	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	01.31.13 16.29	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	01.31.13 16.29	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	01.31.13 16.29	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	01.31.13 16.29	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	01.31.13 16.29	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	01.31.13 16.29	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	01.31.13 16.29	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	01.31.13 16.29	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	01.31.13 16.29	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	01.31.13 16.29	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	01.31.13 16.29	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	01.31.13 16.29	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	01.31.13 16.29	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	01.31.13 16.29	U	1

Certificate of Analytical Results 456765

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 13.30

Lab Sample Id: **456765-008** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: TIMWEL % Moisture:

Analyst: NTR Date Prep: 01.31.13 06.46

Seq Number: 905957

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	01.31.13 16.29	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	01.31.13 16.29	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	01.31.13 16.29	U	1
Styrene	100-42-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
Toluene	108-88-3	BRL	5.0	ug/L	01.31.13 16.29	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	01.31.13 16.29	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	01.31.13 16.29	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	01.31.13 16.29	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	01.31.13 16.29	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	01.31.13 16.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	92	%	53-159	01.31.13 16.29	
4-Bromofluorobenzene	460-00-4	96	%	30-186	01.31.13 16.29	
Toluene-D8	2037-26-5	102	%	70-130	01.31.13 16.29	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 905957 Matrix: Water Date Prep: 01/31/2013
MB Sample Id: 633196-1-BLK LCS Sample Id: 633196-1-BKS LCSD Sample Id: 633196-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	53	106	49	98	56-141	8	20	ug/L	01/31/13 07:35	
1,1,2,2-Tetrachloroethane	<2.0	50	44	88	46	92	64-135	4	20	ug/L	01/31/13 07:35	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	60	120	61	122	54-134	2	20	ug/L	01/31/13 07:35	
1,1,2-Trichloroethane	<0.88	50	46	92	47	94	73-123	2	20	ug/L	01/31/13 07:35	
1,1-Dichloroethane	<0.74	50	46	92	44	88	66-126	4	20	ug/L	01/31/13 07:35	
1,1-Dichloroethene	<0.98	50	56	112	54	108	65-129	4	20	ug/L	01/31/13 07:35	
1,2,3-Trichlorobenzene	<2.6	50	51	102	51	102	56-146	0	20	ug/L	01/31/13 07:35	
1,2,4-Trichlorobenzene	<1.3	50	53	106	52	104	62-141	2	20	ug/L	01/31/13 07:35	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	46	92	48-144	0	20	ug/L	01/31/13 07:35	
1,2-Dibromoethane (EDB)	<0.79	50	48	96	49	98	70-130	2	20	ug/L	01/31/13 07:35	
1,2-Dichlorobenzene	<0.73	50	50	100	50	100	77-123	0	20	ug/L	01/31/13 07:35	
1,2-Dichloroethane	<0.82	50	48	96	46	92	57-137	4	20	ug/L	01/31/13 07:35	
1,2-Dichloropropane	<0.81	50	43	86	42	84	74-121	2	20	ug/L	01/31/13 07:35	
1,3-Dichlorobenzene	<0.74	50	50	100	49	98	79-120	2	20	ug/L	01/31/13 07:35	
1,4-Dichlorobenzene	<0.59	50	49	98	49	98	77-119	0	20	ug/L	01/31/13 07:35	
2-Butanone (MEK)	<1.3	100	77	77	80	80	42-165	4	20	ug/L	01/31/13 07:35	
2-Hexanone	<2.5	100	78	78	85	85	46-157	9	20	ug/L	01/31/13 07:35	
4-Methyl-2-pentanone (MIBK)	<2.2	100	72	72	75	75	54-145	4	20	ug/L	01/31/13 07:35	
Acetone	<1.4	100	83	83	79	79	42-178	5	20	ug/L	01/31/13 07:35	
Benzene	<0.67	50	46	92	46	92	76-119	0	20	ug/L	01/31/13 07:35	
Bromochloromethane	<0.47	50	50	100	49	98	75-123	2	20	ug/L	01/31/13 07:35	
Bromodichloromethane	<0.96	50	49	98	48	96	69-131	2	20	ug/L	01/31/13 07:35	
Bromoform	<1.4	50	44	88	47	94	66-130	7	20	ug/L	01/31/13 07:35	
Bromomethane	<2.7	50	59	118	53	106	59-141	11	20	ug/L	01/31/13 07:35	
Carbon disulfide	<0.73	50	51	102	49	98	47-144	4	20	ug/L	01/31/13 07:35	
Carbon tetrachloride	<0.89	50	53	106	51	102	46-155	4	20	ug/L	01/31/13 07:35	
Chlorobenzene	<0.59	50	50	100	49	98	81-114	2	20	ug/L	01/31/13 07:35	
Chloroethane	<0.23	50	56	112	51	102	63-133	9	20	ug/L	01/31/13 07:35	
Chloroform	<1.4	50	51	102	48	96	68-127	6	20	ug/L	01/31/13 07:35	
Chloromethane	<1.2	50	44	88	40	80	43-141	10	20	ug/L	01/31/13 07:35	
cis-1,2-Dichloroethene	<0.80	50	50	100	49	98	73-124	2	20	ug/L	01/31/13 07:35	
cis-1,3-Dichloropropene	<0.76	50	46	92	47	94	72-132	2	20	ug/L	01/31/13 07:35	
Cyclohexane	<0.99	50	49	98	48	96	58-125	2	20	ug/L	01/31/13 07:35	
Dibromochloromethane	<0.79	50	53	106	52	104	69-128	2	20	ug/L	01/31/13 07:35	
Dichlorodifluoromethane	<0.73	50	61	122	54	108	24-153	12	20	ug/L	01/31/13 07:35	
Ethylbenzene	<0.66	50	50	100	49	98	78-122	2	20	ug/L	01/31/13 07:35	
Isopropylbenzene	<1.0	50	45	90	46	92	71-131	2	20	ug/L	01/31/13 07:35	
m,p-Xylenes	<1.2	100	99	99	98	98	76-124	1	20	ug/L	01/31/13 07:35	
Methyl acetate	<0.15	50	39	78	39	78	65-135	0	20	ug/L	01/31/13 07:35	
Methyl tert-butyl ether	<0.62	100	97	97	94	94	59-135	3	20	ug/L	01/31/13 07:35	
Methylcyclohexane	<0.76	50	50	100	47	94	61-125	6	20	ug/L	01/31/13 07:35	
Methylene chloride	<0.92	50	42	84	40	80	64-135	5	20	ug/L	01/31/13 07:35	
Naphthalene	<4.0	50	51	102	52	104	46-159	2	20	ug/L	01/31/13 07:35	
o-Xylene	<0.57	50	51	102	49	98	78-124	4	20	ug/L	01/31/13 07:35	
Styrene	<0.56	50	51	102	50	100	79-123	2	20	ug/L	01/31/13 07:35	
Tetrachloroethene	<1.8	50	53	106	52	104	71-125	2	20	ug/L	01/31/13 07:35	
Toluene	<0.68	50	48	96	47	94	78-118	2	20	ug/L	01/31/13 07:35	
trans-1,2-Dichloroethene	<0.73	50	50	100	49	98	71-126	2	20	ug/L	01/31/13 07:35	
trans-1,3-Dichloropropene	<0.84	50	48	96	48	96	68-131	0	20	ug/L	01/31/13 07:35	

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 905957 Matrix: Water Date Prep: 01/31/2013

MB Sample Id: 633196-1-BLK LCS Sample Id: 633196-1-BKS LCSD Sample Id: 633196-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	50	100	50	100	76-118	0	20	ug/L	01/31/13 07:35	
Trichlorofluoromethane	<0.85	50	68	136	60	120	35-153	13	20	ug/L	01/31/13 07:35	
Vinyl chloride	<0.15	50	52	104	46	92	59-129	12	20	ug/L	01/31/13 07:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		106		96		53-159	%	01/31/13 07:35
4-Bromofluorobenzene	96		91		95		30-186	%	01/31/13 07:35
Toluene-D8	99		100		99		70-130	%	01/31/13 07:35

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	61.7	123	57.9	116	62-139	6	20	ug/kg	01/31/13 21:11	
1,1,2,2-Tetrachloroethane	<1.19	50.0	54.0	108	51.8	104	67-123	4	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	68.0	136	59.1	118	37-166	14	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	51.1	102	68-123	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethane	<0.802	50.0	56.9	114	54.7	109	73-121	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethene	<1.16	50.0	55.7	111	53.1	106	56-137	5	20	ug/kg	01/31/13 21:11	
1,2,3-Trichlorobenzene	<0.574	50.0	58.9	118	55.8	112	60-137	5	20	ug/kg	01/31/13 21:11	
1,2,4-Trichlorobenzene	<0.873	50.0	58.5	117	54.8	110	59-138	7	20	ug/kg	01/31/13 21:11	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	57.0	114	55.8	112	59-127	2	20	ug/kg	01/31/13 21:11	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.2	108	53.1	106	70-131	2	20	ug/kg	01/31/13 21:11	
1,2-Dichlorobenzene	<1.29	50.0	57.5	115	54.6	109	76-120	5	20	ug/kg	01/31/13 21:11	
1,2-Dichloroethane	<0.597	50.0	62.2	124	61.2	122	60-136	2	20	ug/kg	01/31/13 21:11	
1,2-Dichloropropane	<0.929	50.0	48.1	96	48.6	97	73-120	1	20	ug/kg	01/31/13 21:11	
1,3-Dichlorobenzene	<0.997	50.0	56.5	113	53.4	107	76-125	6	20	ug/kg	01/31/13 21:11	
1,4-Dichlorobenzene	<0.684	50.0	61.0	122	55.9	112	75-120	9	20	ug/kg	01/31/13 21:11	H
2-Butanone (MEK)	<9.11	100	122	122	122	122	55-143	0	20	ug/kg	01/31/13 21:11	
2-Hexanone	<1.13	100	126	126	131	131	53-142	4	20	ug/kg	01/31/13 21:11	
4-Methyl-2-pentanone (MIBK)	<3.23	100	111	111	114	114	55-138	3	20	ug/kg	01/31/13 21:11	
Acetone	<6.88	100	88.8	89	115	115	51-165	26	20	ug/kg	01/31/13 21:11	F
Benzene	<0.513	50.0	51.7	103	50.0	100	72-126	3	20	ug/kg	01/31/13 21:11	
Bromochloromethane	<1.01	50.0	53.8	108	54.8	110	79-119	2	20	ug/kg	01/31/13 21:11	
Bromodichloromethane	<0.501	50.0	59.4	119	57.1	114	72-126	4	20	ug/kg	01/31/13 21:11	
Bromoform	<0.959	50.0	59.4	119	56.2	112	62-140	6	20	ug/kg	01/31/13 21:11	
Bromomethane	<2.46	50.0	48.6	97	44.8	90	50-156	8	20	ug/kg	01/31/13 21:11	
Carbon disulfide	<1.46	50.0	54.9	110	50.1	100	42-150	9	20	ug/kg	01/31/13 21:11	
Carbon tetrachloride	<0.742	50.0	67.5	135	61.7	123	55-151	9	20	ug/kg	01/31/13 21:11	
Chlorobenzene	<0.579	50.0	53.7	107	51.1	102	80-111	5	20	ug/kg	01/31/13 21:11	
Chloroethane	<2.45	50.0	49.4	99	43.8	88	54-150	12	20	ug/kg	01/31/13 21:11	
Chloroform	<0.741	50.0	54.0	108	55.0	110	73-117	2	20	ug/kg	01/31/13 21:11	
Chloromethane	<2.30	50.0	39.4	79	38.1	76	40-155	3	20	ug/kg	01/31/13 21:11	
cis-1,2-Dichloroethene	<0.662	50.0	52.5	105	51.2	102	71-122	3	20	ug/kg	01/31/13 21:11	
cis-1,3-Dichloropropene	<0.539	50.0	56.2	112	54.4	109	71-129	3	20	ug/kg	01/31/13 21:11	
Cyclohexane	<0.945	50.0	56.0	112	51.3	103	53-141	9	20	ug/kg	01/31/13 21:11	
Dibromochloromethane	<0.994	50.0	60.8	122	59.8	120	68-131	2	20	ug/kg	01/31/13 21:11	
Dichlorodifluoromethane	<1.18	50.0	28.5	57	24.2	48	12-177	16	20	ug/kg	01/31/13 21:11	
Ethylbenzene	<0.565	50.0	58.0	116	54.9	110	74-131	5	20	ug/kg	01/31/13 21:11	
Isopropylbenzene	<0.759	50.0	60.1	120	54.1	108	73-126	11	20	ug/kg	01/31/13 21:11	
m,p-Xylenes	<1.21	100	115	115	111	111	78-122	4	20	ug/kg	01/31/13 21:11	
Methyl acetate	<0.946	50.0	59.7	119	41.7	83	50-150	36	20	ug/kg	01/31/13 21:11	F
Methyl tert-butyl ether	<0.693	100	113	113	110	110	50-162	3	20	ug/kg	01/31/13 21:11	
Methylcyclohexane	<1.09	50.0	57.6	115	53.0	106	54-147	8	20	ug/kg	01/31/13 21:11	
Methylene chloride	<2.17	50.0	53.8	108	51.9	104	61-137	4	20	ug/kg	01/31/13 21:11	
Naphthalene	<1.30	50.0	50.5	101	52.2	104	50-151	3	20	ug/kg	01/31/13 21:11	
o-Xylene	<0.716	50.0	56.3	113	53.6	107	76-121	5	20	ug/kg	01/31/13 21:11	
Styrene	<0.742	50.0	57.2	114	55.9	112	81-117	2	20	ug/kg	01/31/13 21:11	
Tetrachloroethene	<1.04	50.0	57.5	115	54.7	109	70-127	5	20	ug/kg	01/31/13 21:11	
Toluene	<0.588	50.0	52.0	104	50.9	102	75-118	2	20	ug/kg	01/31/13 21:11	
trans-1,2-Dichloroethene	<0.780	50.0	56.0	112	54.1	108	63-137	3	20	ug/kg	01/31/13 21:11	
trans-1,3-Dichloropropene	<0.670	50.0	60.3	121	59.8	120	61-143	1	20	ug/kg	01/31/13 21:11	

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	56.0	112	55.1	110	73-123	2	20	ug/kg	01/31/13 21:11	
Trichlorofluoromethane	<3.51	50.0	43.2	86	40.2	80	47-165	7	20	ug/kg	01/31/13 21:11	
Vinyl chloride	<2.01	50.0	43.8	88	42.0	84	57-139	4	20	ug/kg	01/31/13 21:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	126		128		107		50-150	%	01/31/13 21:11
4-Bromofluorobenzene	103		101		100		57-158	%	01/31/13 21:11
Toluene-D8	101		100		100		50-150	%	01/31/13 21:11

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	45.0	90	62-139	ug/kg	01/31/13 20:55	
1,1,2,2-Tetrachloroethane	<1.19	50.0	46.7	93	67-123	ug/kg	01/31/13 20:55	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	55.2	110	37-166	ug/kg	01/31/13 20:55	
1,1,2-Trichloroethane	<0.670	50.0	47.1	94	68-123	ug/kg	01/31/13 20:55	
1,1-Dichloroethane	<0.802	50.0	43.7	87	73-121	ug/kg	01/31/13 20:55	
1,1-Dichloroethene	<1.16	50.0	57.5	115	56-137	ug/kg	01/31/13 20:55	
1,2,3-Trichlorobenzene	2.53	50.0	54.3	109	60-137	ug/kg	01/31/13 20:55	
1,2,4-Trichlorobenzene	<0.873	50.0	54.1	108	59-138	ug/kg	01/31/13 20:55	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	44.1	88	59-127	ug/kg	01/31/13 20:55	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.4	99	70-131	ug/kg	01/31/13 20:55	
1,2-Dichlorobenzene	<1.29	50.0	50.0	100	76-120	ug/kg	01/31/13 20:55	
1,2-Dichloroethane	<0.597	50.0	42.1	84	60-136	ug/kg	01/31/13 20:55	
1,2-Dichloropropane	<0.929	50.0	42.5	85	73-120	ug/kg	01/31/13 20:55	
1,3-Dichlorobenzene	<0.997	50.0	49.5	99	76-125	ug/kg	01/31/13 20:55	
1,4-Dichlorobenzene	<0.684	50.0	49.1	98	75-120	ug/kg	01/31/13 20:55	
2-Butanone (MEK)	<9.11	100	81.4	81	55-143	ug/kg	01/31/13 20:55	
2-Hexanone	<1.13	100	79.3	79	53-142	ug/kg	01/31/13 20:55	
4-Methyl-2-pentanone (MIBK)	<3.23	100	71.7	72	55-138	ug/kg	01/31/13 20:55	
Acetone	<6.88	100	85.1	85	51-165	ug/kg	01/31/13 20:55	
Benzene	<0.513	50.0	47.1	94	72-126	ug/kg	01/31/13 20:55	
Bromochloromethane	<1.01	50.0	52.6	105	79-119	ug/kg	01/31/13 20:55	
Bromodichloromethane	<0.501	50.0	45.7	91	72-126	ug/kg	01/31/13 20:55	
Bromoform	<0.959	50.0	43.5	87	62-140	ug/kg	01/31/13 20:55	
Bromomethane	<2.46	50.0	55.3	111	50-156	ug/kg	01/31/13 20:55	
Carbon disulfide	<1.46	50.0	51.5	103	42-150	ug/kg	01/31/13 20:55	
Carbon tetrachloride	<0.742	50.0	47.0	94	55-151	ug/kg	01/31/13 20:55	
Chlorobenzene	<0.579	50.0	49.9	100	80-111	ug/kg	01/31/13 20:55	
Chloroethane	<2.45	50.0	48.3	97	54-150	ug/kg	01/31/13 20:55	
Chloroform	<0.741	50.0	46.3	93	73-117	ug/kg	01/31/13 20:55	
Chloromethane	<2.30	50.0	44.6	89	40-155	ug/kg	01/31/13 20:55	
cis-1,2-Dichloroethene	<0.662	50.0	51.1	102	71-122	ug/kg	01/31/13 20:55	
cis-1,3-Dichloropropene	<0.539	50.0	45.2	90	71-129	ug/kg	01/31/13 20:55	
Cyclohexane	<0.945	50.0	64.9	130	53-141	ug/kg	01/31/13 20:55	
Dibromochloromethane	<0.994	50.0	49.5	99	68-131	ug/kg	01/31/13 20:55	
Dichlorodifluoromethane	<1.18	50.0	55.8	112	12-177	ug/kg	01/31/13 20:55	
Ethylbenzene	<0.565	50.0	48.0	96	74-131	ug/kg	01/31/13 20:55	
Isopropylbenzene	<0.759	50.0	44.9	90	73-126	ug/kg	01/31/13 20:55	
m,p-Xylenes	<1.21	100	98.9	99	78-122	ug/kg	01/31/13 20:55	
Methyl acetate	<0.946	50.0	41.6	83	50-150	ug/kg	01/31/13 20:55	
Methyl tert-butyl ether	<0.693	100	92.4	92	50-162	ug/kg	01/31/13 20:55	
Methylcyclohexane	1.13	50.0	50.2	100	54-147	ug/kg	01/31/13 20:55	
Methylene chloride	<2.17	50.0	39.8	80	61-137	ug/kg	01/31/13 20:55	
Naphthalene	2.12	50.0	55.7	111	50-151	ug/kg	01/31/13 20:55	
o-Xylene	<0.716	50.0	50.5	101	76-121	ug/kg	01/31/13 20:55	
Styrene	<0.742	50.0	50.6	101	81-117	ug/kg	01/31/13 20:55	
Tetrachloroethene	<1.04	50.0	54.7	109	70-127	ug/kg	01/31/13 20:55	
Toluene	<0.588	50.0	48.3	97	75-118	ug/kg	01/31/13 20:55	
trans-1,2-Dichloroethene	<0.780	50.0	52.2	104	63-137	ug/kg	01/31/13 20:55	
trans-1,3-Dichloropropene	<0.670	50.0	45.0	90	61-143	ug/kg	01/31/13 20:55	

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	49.7	99	73-123	ug/kg	01/31/13 20:55	
Trichlorofluoromethane	<3.51	50.0	54.0	108	47-165	ug/kg	01/31/13 20:55	
Vinyl chloride	<2.01	50.0	48.4	97	57-139	ug/kg	01/31/13 20:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		84		50-150	%	01/31/13 20:55
4-Bromofluorobenzene	90		89		57-158	%	01/31/13 20:55
Toluene-D8	97		98		50-150	%	01/31/13 20:55

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 905957 Matrix: Ground Water Date Prep: 01/31/2013
Parent Sample Id: 456483-001 MS Sample Id: 456483-001 S MSD Sample Id: 456483-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	44	88	43	86	63-149	2	20	ug/L	01/31/13 15:10	
1,1,2,2-Tetrachloroethane	<2.0	50	42	84	43	86	58-140	2	20	ug/L	01/31/13 15:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	58	116	44	88	42-156	27	20	ug/L	01/31/13 15:10	F
1,1,2-Trichloroethane	<0.88	50	43	86	44	88	49-140	2	20	ug/L	01/31/13 15:10	
1,1-Dichloroethane	<0.74	50	39	78	39	78	67-136	0	20	ug/L	01/31/13 15:10	
1,1-Dichloroethene	<0.98	50	48	96	46	92	52-141	4	20	ug/L	01/31/13 15:10	
1,2,3-Trichlorobenzene	<2.6	50	42	84	47	94	50-131	11	20	ug/L	01/31/13 15:10	
1,2,4-Trichlorobenzene	<1.3	50	42	84	46	92	51-125	9	20	ug/L	01/31/13 15:10	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	42	84	45	90	43-155	7	20	ug/L	01/31/13 15:10	
1,2-Dibromoethane (EDB)	<0.79	50	44	88	46	92	66-136	4	20	ug/L	01/31/13 15:10	
1,2-Dichlorobenzene	<0.73	50	42	84	45	90	70-124	7	20	ug/L	01/31/13 15:10	
1,2-Dichloroethane	<0.82	50	42	84	42	84	71-143	0	20	ug/L	01/31/13 15:10	
1,2-Dichloropropane	<0.81	50	38	76	39	78	74-125	3	20	ug/L	01/31/13 15:10	
1,3-Dichlorobenzene	<0.74	50	41	82	43	86	73-123	5	20	ug/L	01/31/13 15:10	
1,4-Dichlorobenzene	<0.59	50	41	82	43	86	74-116	5	20	ug/L	01/31/13 15:10	
2-Butanone (MEK)	<1.3	100	93	93	120	120	43-155	25	20	ug/L	01/31/13 15:10	F
2-Hexanone	<2.5	100	78	78	81	81	52-148	4	20	ug/L	01/31/13 15:10	
4-Methyl-2-pentanone (MIBK)	<2.2	100	71	71	73	73	61-141	3	20	ug/L	01/31/13 15:10	
Acetone	<1.4	100	86	86	95	95	40-140	10	20	ug/L	01/31/13 15:10	
Benzene	<0.67	50	40	80	41	82	78-117	2	20	ug/L	01/31/13 15:10	
Bromochloromethane	<0.47	50	43	86	44	88	65-127	2	20	ug/L	01/31/13 15:10	
Bromodichloromethane	<0.96	50	41	82	42	84	71-133	2	20	ug/L	01/31/13 15:10	
Bromoform	<1.4	50	35	70	35	70	55-129	0	20	ug/L	01/31/13 15:10	
Bromomethane	<2.7	50	51	102	52	104	49-157	2	20	ug/L	01/31/13 15:10	
Carbon disulfide	<0.73	50	35	70	33	66	31-142	6	20	ug/L	01/31/13 15:10	
Carbon tetrachloride	<0.89	50	43	86	40	80	63-152	7	20	ug/L	01/31/13 15:10	
Chlorobenzene	<0.59	50	43	86	44	88	75-117	2	20	ug/L	01/31/13 15:10	
Chloroethane	<0.23	50	52	104	48	96	49-147	8	20	ug/L	01/31/13 15:10	
Chloroform	<1.4	50	43	86	43	86	67-136	0	20	ug/L	01/31/13 15:10	
Chloromethane	<1.2	50	47	94	42	84	35-162	11	20	ug/L	01/31/13 15:10	
cis-1,2-Dichloroethene	<0.80	50	43	86	44	88	64-132	2	20	ug/L	01/31/13 15:10	
cis-1,3-Dichloropropene	<0.76	50	36	72	37	74	69-116	3	20	ug/L	01/31/13 15:10	
Cyclohexane	<0.99	50	45	90	37	74	59-141	20	20	ug/L	01/31/13 15:10	
Dibromochloromethane	<0.79	50	42	84	43	86	54-144	2	20	ug/L	01/31/13 15:10	
Dichlorodifluoromethane	<0.73	50	59	118	45	90	26-171	27	20	ug/L	01/31/13 15:10	F
Ethylbenzene	<0.66	50	42	84	42	84	74-131	0	20	ug/L	01/31/13 15:10	
Isopropylbenzene	<1.0	50	39	78	39	78	63-133	0	20	ug/L	01/31/13 15:10	
m,p-Xylenes	<1.2	100	77	77	78	78	67-134	1	20	ug/L	01/31/13 15:10	
Methyl acetate	<0.15	50	39	78	39	78	65-135	0	20	ug/L	01/31/13 15:10	
Methyl tert-butyl ether	<0.62	100	84	84	87	87	51-156	4	20	ug/L	01/31/13 15:10	
Methylcyclohexane	<0.76	50	45	90	39	78	62-123	14	20	ug/L	01/31/13 15:10	
Methylene chloride	<0.92	50	36	72	36	72	52-165	0	20	ug/L	01/31/13 15:10	
Naphthalene	<4.0	50	45	90	49	98	31-151	9	20	ug/L	01/31/13 15:10	
o-Xylene	<0.57	50	39	78	40	80	70-125	3	20	ug/L	01/31/13 15:10	
Styrene	<0.56	50	28	56	28	56	42-145	0	20	ug/L	01/31/13 15:10	
Tetrachloroethene	<1.8	50	45	90	45	90	57-132	0	20	ug/L	01/31/13 15:10	
Toluene	<0.68	50	41	82	41	82	76-119	0	20	ug/L	01/31/13 15:10	
trans-1,2-Dichloroethene	<0.73	50	43	86	43	86	46-152	0	20	ug/L	01/31/13 15:10	
trans-1,3-Dichloropropene	<0.84	50	38	76	39	78	60-132	3	20	ug/L	01/31/13 15:10	

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 905957 Matrix: Ground Water Date Prep: 01/31/2013

Parent Sample Id: 456483-001 MS Sample Id: 456483-001 S MSD Sample Id: 456483-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	44	88	44	88	77-120	0	20	ug/L	01/31/13 15:10	
Trichlorofluoromethane	<0.85	50	59	118	51	102	47-165	15	20	ug/L	01/31/13 15:10	
Vinyl chloride	<0.15	50	50	100	45	90	43-148	11	20	ug/L	01/31/13 15:10	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	99		95		53-159	%	01/31/13 15:10
4-Bromofluorobenzene	94		93		30-186	%	01/31/13 15:10
Toluene-D8	101		100		70-130	%	01/31/13 15:10

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013
Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.855	56.8	77.8	137	89.2	156	62-137	14	20	ug/kg	02/01/13 07:57	X
1,1,2,2-Tetrachloroethane	<1.35	56.8	70.1	123	43.6	76	64-128	47	20	ug/kg	02/01/13 07:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.26	56.8	94.3	166	91.7	160	33-177	3	20	ug/kg	02/01/13 07:57	
1,1,2-Trichloroethane	<0.761	56.8	63.1	111	52.0	91	61-130	19	20	ug/kg	02/01/13 07:57	
1,1-Dichloroethane	<0.911	56.8	71.6	126	72.8	127	65-136	2	20	ug/kg	02/01/13 07:57	X
1,1-Dichloroethene	<1.32	56.8	76.5	135	69.0	121	33-158	10	20	ug/kg	02/01/13 07:57	
1,2,3-Trichlorobenzene	<0.652	56.8	76.3	134	54.9	96	48-135	33	20	ug/kg	02/01/13 07:57	F
1,2,4-Trichlorobenzene	<0.992	56.8	67.1	118	61.1	107	43-139	9	20	ug/kg	02/01/13 07:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.84	56.8	82.1	145	42.2	74	51-130	64	20	ug/kg	02/01/13 07:57	XF
1,2-Dibromoethane (EDB)	<0.980	56.8	65.9	116	50.0	87	69-132	27	20	ug/kg	02/01/13 07:57	F
1,2-Dichlorobenzene	<1.47	56.8	63.8	112	60.0	105	71-120	6	20	ug/kg	02/01/13 07:57	
1,2-Dichloroethane	<0.678	56.8	79.4	140	64.8	113	53-140	20	20	ug/kg	02/01/13 07:57	
1,2-Dichloropropane	<1.06	56.8	50.6	89	55.7	97	68-126	10	20	ug/kg	02/01/13 07:57	
1,3-Dichlorobenzene	<1.13	56.8	62.3	110	63.8	112	68-127	2	20	ug/kg	02/01/13 07:57	
1,4-Dichlorobenzene	<0.777	56.8	66.7	117	66.6	116	72-118	0	20	ug/kg	02/01/13 07:57	
2-Butanone (MEK)	<10.3	114	134	118	65.7	58	42-147	68	20	ug/kg	02/01/13 07:57	F
2-Hexanone	<1.28	114	153	134	84.1	74	32-142	58	20	ug/kg	02/01/13 07:57	F
4-Methyl-2-pentanone (MIBK)	<3.67	114	160	140	82.7	73	34-149	64	20	ug/kg	02/01/13 07:57	F
Acetone	<7.81	114	234	205	149	131	51-165	44	20	ug/kg	02/01/13 07:57	XF
Benzene	<0.583	56.8	53.9	95	62.0	108	65-135	14	20	ug/kg	02/01/13 07:57	
Bromochloromethane	<1.14	56.8	68.8	121	54.6	95	66-137	23	20	ug/kg	02/01/13 07:57	F
Bromodichloromethane	<0.569	56.8	64.4	113	67.8	119	60-129	5	20	ug/kg	02/01/13 07:57	
Bromoform	<1.09	56.8	68.2	120	48.0	84	48-147	35	20	ug/kg	02/01/13 07:57	F
Bromomethane	<2.79	56.8	65.8	116	62.9	110	42-170	5	20	ug/kg	02/01/13 07:57	
Carbon disulfide	<1.65	56.8	73.3	129	70.3	123	40-147	4	20	ug/kg	02/01/13 07:57	
Carbon tetrachloride	<0.843	56.8	61.5	108	82.3	144	54-148	29	20	ug/kg	02/01/13 07:57	F
Chlorobenzene	<0.658	56.8	56.2	99	63.0	110	71-117	11	20	ug/kg	02/01/13 07:57	
Chloroethane	<2.78	56.8	64.4	113	64.8	113	44-166	1	20	ug/kg	02/01/13 07:57	
Chloroform	<0.842	56.8	64.7	114	72.6	127	62-127	12	20	ug/kg	02/01/13 07:57	X
Chloromethane	<2.62	56.8	65.9	116	61.4	107	34-157	7	20	ug/kg	02/01/13 07:57	
cis-1,2-Dichloroethene	<0.752	56.8	59.6	105	60.4	106	41-155	1	20	ug/kg	02/01/13 07:57	
cis-1,3-Dichloropropene	<0.612	56.8	54.1	95	58.8	103	63-128	8	20	ug/kg	02/01/13 07:57	
Cyclohexane	<1.07	56.8	58.3	103	75.0	131	53-145	25	20	ug/kg	02/01/13 07:57	F
Dibromochloromethane	<1.13	56.8	68.0	120	60.6	106	59-135	12	20	ug/kg	02/01/13 07:57	
Dichlorodifluoromethane	<1.34	56.8	66.3	117	67.3	118	16-171	1	20	ug/kg	02/01/13 07:57	
Ethylbenzene	<0.642	56.8	65.6	115	75.0	131	65-139	13	20	ug/kg	02/01/13 07:57	
Isopropylbenzene	<0.862	56.8	65.6	115	71.6	125	62-133	9	20	ug/kg	02/01/13 07:57	
m,p-Xylenes	<1.37	114	124	109	145	127	69-130	16	20	ug/kg	02/01/13 07:57	X
Methyl acetate	<1.07	56.8	110	194	68.8	120	20-170	46	20	ug/kg	02/01/13 07:57	XF
Methyl tert-butyl ether	<0.787	114	144	126	102	89	48-169	34	20	ug/kg	02/01/13 07:57	F
Methylcyclohexane	<1.24	56.8	65.0	114	89.2	156	57-149	31	20	ug/kg	02/01/13 07:57	XF
Methylene chloride	10.1	56.8	66.9	100	61.2	89	17-184	9	20	ug/kg	02/01/13 07:57	
Naphthalene	<1.48	56.8	61.6	108	41.9	73	27-157	38	20	ug/kg	02/01/13 07:57	F
o-Xylene	<0.813	56.8	57.2	101	67.5	118	71-124	17	20	ug/kg	02/01/13 07:57	
Styrene	<0.843	56.8	57.0	100	65.7	115	50-143	14	20	ug/kg	02/01/13 07:57	
Tetrachloroethene	5.50	56.8	74.3	121	80.9	132	42-156	9	20	ug/kg	02/01/13 07:57	X
Toluene	<0.668	56.8	54.4	96	65.4	114	65-128	18	20	ug/kg	02/01/13 07:57	
trans-1,2-Dichloroethene	<0.886	56.8	74.8	132	73.7	129	57-143	1	20	ug/kg	02/01/13 07:57	
trans-1,3-Dichloropropene	<0.761	56.8	65.4	115	64.5	113	55-141	1	20	ug/kg	02/01/13 07:57	

QC Summary 456765

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013

Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.803	56.8	62.0	109	73.0	128	39-150	16	20	ug/kg	02/01/13 07:57	X
Trichlorofluoromethane	<3.99	56.8	67.1	118	68.5	120	34-179	2	20	ug/kg	02/01/13 07:57	
Vinyl chloride	<2.28	56.8	67.4	119	75.7	132	40-161	12	20	ug/kg	02/01/13 07:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	155	**	132		50-150	%	02/01/13 07:57
4-Bromofluorobenzene	97		94		57-158	%	02/01/13 07:57
Toluene-D8	91		100		50-150	%	02/01/13 07:57

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260029 Page 1 of 1

Company-City: ABM, Inc Phone:
Lab Only: WO #45 6765
Proj Name-Location: ☒ Previously done at XENCO — Arrington – Dekalb Project ID:
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Leona Miles
e-Mail Results to ☐ PM or leona-miles@ceso-net.com Fax No:
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
Sampler Name: Tony L Gaston Signature: Tony L Gaston

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP VOC's (Haz HAL)	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:
1	SB-4 (6-8 FT)	1/31/13	1052		S		X	5	40/4	C	O	X									X					
2	SB-4 (10-12 FT)	1/31/13	1055		S		X	5	40/4	C	O	X									X					
3	SB-4 (14-16 FT)	1/31/13	1058		S		X	5	40/4	C	O	X									X					
4	SB-5 (2-4 FT)	1/31/13	1125		S		X	5	40/4	C	O	X									X					
5	SB-5 (6-8 FT)	1/31/13	1130		S		X	5	40/4	C	O	X									X					
6	SB-5 (10-12 FT)	1/31/13	1135		S		X	5	40/4	C	O	X									X					
7	SB-5 (14-16 FT)	1/31/13	1137		S		X	5	40/4	C	O	X									X					
8																										
9																										
10	Trip Blank	—	—		W		X	2	40	C	DI	X														

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp:
1) Tony L Gaston	1/31/13 1330	2) Ward Smith	1/31/13 13:30		
2) 3)		4)			
3) 5)		6)			

By signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) Methanol / H2O

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Atlanta Environmental Management

Date/ Time Received: 01/31/2013 01:30:00 PM

Work Order #: 456765

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 01/31/2013

Checklist reviewed by: Eben Buchanan Date: 01/31/2013

Analytical Report 456806

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1101-1

05-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

05-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456806**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456806. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456806 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

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Sample Cross Reference 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-6 (6-8 FT)	S	01-31-13 13:28	6 - 8 ft	456806-001
SB-6 (10-12 FT)	S	01-31-13 13:20	10 - 12 ft	456806-002
SB-6 (14-16 FT)	S	01-31-13 13:22	14 - 16 ft	456806-003
SB-7 (2-4 FT)	S	01-31-13 13:40	2 - 4 ft	456806-004
SB-7 (6-8 FT)	S	01-31-13 13:45	6 - 8 ft	456806-005
SB-7 (10-12 FT)	S	01-31-13 13:50	10 - 12 ft	456806-006
SB-7 (14-16 FT)	S	01-31-13 13:55	14 - 16 ft	456806-007
SB-8 (0-2 FT)	S	01-31-13 14:20	0 - 2 ft	456806-008
Trip Blank	W	01-31-13 00:00		456806-009

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-905960 VOCs by SW-846 8260B

Batch 905960, Acetone, Methyl acetate RPD was outside laboratory control limits. Samples affected are: 456806-007, -006, -003.

Batch 905960, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP) , 1,2-Dibromoethane (EDB), 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) , Acetone, Bromochloromethane, Bromoform, Carbon tetrachloride , Cyclohexane, Methyl acetate , Methyl tert-butyl ether, Methylcyclohexane, Naphthalene RPD was outside QC limits. Samples affected are: 456806-007, -006, -003.

Batch 905960, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis. Samples affected are: 456765-002 S.

Batch 905960, 1,4-Dichlorobenzene recovered above QC limits in the laboratory control sample. Samples affected are: 456806-007, -006, -003.

Batch 905960, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methyl acetate recovered above QC limits in the Matrix Spike. 1,1,1-Trichloroethane, 1,1-Dichloroethane, Chloroform, Methylcyclohexane, Tetrachloroethene, Trichloroethene, m,p-Xylenes recovered above QC limits in the Matrix Spike Duplicate. Samples affected are: 456806-007, -006, -003. The Laboratory Control Sample for Acetone, 1,2-Dibromo-3-chloropropane (DBCP) , 1,1-Dichloroethane, Methyl acetate , Methylcyclohexane, Trichloroethene, m,p-Xylenes, Chloroform, Tetrachloroethene , 1,1,1-Trichloroethane is within laboratory Control Limits.

The responses of one or more internal standards were outside the method specified limit (low) for the MS. The parent sample and MSD internal standard responses were within the acceptable limits: 456765-002S

Batch: LBA-906099 VOCs by SW-846 8260B

Batch 906099, Bromomethane, Chloroethane, Trichlorofluoromethane recovered above QC limits in the Blank Spike Duplicate. Methyl acetate, Methylene chloride recovered above QC limits in the Blank Spike Duplicate. Samples affected are: 456806-004, -005, -007.

Batch 906099, Methylene chloride RPD was outside laboratory control limits. Samples affected are: 456806-004, -005, -007.

Batch: LBA-906106 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906106, Tetrachloroethene recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate.
Samples affected are: 456806-008.
The Laboratory Control Sample for Tetrachloroethene is within laboratory Control Limits

SW8260B_ATL

Batch 906106, Vinyl chloride RPD was outside laboratory control limits.
Samples affected are: 456806-008

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-6 (6-8 FT)**	Matrix:	**Soil**	% Moisture:	**25.33**
Lab Sample Id:	**456806-001**	Date Collected:	**01.31.13 13.28**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	9950	ug/kg	02.01.13 04.55		50

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-6 (10-12 FT)**	Matrix:	**Soil**	% Moisture:	**26.96**
Lab Sample Id:	**456806-002**	Date Collected:	**01.31.13 13.20**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	2410	ug/kg	02.01.13 05.21		50

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-6 (14-16 FT)**	Matrix:	**Soil**	% Moisture:	**22**
Lab Sample Id:	**456806-003**	Date Collected:	**01.31.13 13.22**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	11.0	ug/kg	02.01.13 07.02		1

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-7 (2-4 FT)**	Matrix:	**Soil**	% Moisture:	**21.32**
Lab Sample Id:	**456806-004**	Date Collected:	**01.31.13 13.40**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl acetate	79-20-9	272	ug/kg	02.01.13 12.41		50
Tetrachloroethene	127-18-4	8240	ug/kg	02.01.13 12.41		50
Trichloroethene	79-01-6	291	ug/kg	02.01.13 12.41		50

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-7 (6-8 FT)**	Matrix:	**Soil**	% Moisture:	**27.32**
Lab Sample Id:	**456806-005**	Date Collected:	**01.31.13 13.45**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	859	ug/kg	02.01.13 11.47		50
Methyl acetate	79-20-9	395	ug/kg	02.01.13 11.47		50
Tetrachloroethene	127-18-4	49800	ug/kg	02.01.13 15.13	D	500
Trichloroethene	79-01-6	2170	ug/kg	02.01.13 11.47		50

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-7 (10-12 FT)**	Matrix:	**Soil**	% Moisture:	**16.4**
Lab Sample Id:	**456806-006**	Date Collected:	**01.31.13 13.50**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	47.1	ug/kg	02.01.13 05.57		1
cis-1,2-Dichloroethene	156-59-2	5.67	ug/kg	02.01.13 05.57		1
Tetrachloroethene	127-18-4	23.0	ug/kg	02.01.13 05.57		1
Trichloroethene	79-01-6	5.93	ug/kg	02.01.13 05.57		1

Hits Summary 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-8 (0-2 FT)**	Matrix:	**Soil**	% Moisture:	**16.7**
Lab Sample Id:	**456806-008**	Date Collected:	**01.31.13 14.20**	Basis:	**Dry Weight**
Sample Depth:	**0 - 2 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	10.1	ug/kg	02.01.13 13.45		1

Certificate of Analytical Results 456806

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-001** Date Collected: 01.31.13 13.28 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 25.33
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	313	ug/kg	02.01.13 04.55	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	313	ug/kg	02.01.13 04.55	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	313	ug/kg	02.01.13 04.55	U	50
1,1,2-Trichloroethane	79-00-5	BRL	313	ug/kg	02.01.13 04.55	U	50
1,1-Dichloroethane	75-34-3	BRL	313	ug/kg	02.01.13 04.55	U	50
1,1-Dichloroethene	75-35-4	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2-Dichlorobenzene	95-50-1	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2-Dichloroethane	107-06-2	BRL	313	ug/kg	02.01.13 04.55	U	50
1,2-Dichloropropane	78-87-5	BRL	313	ug/kg	02.01.13 04.55	U	50
1,3-Dichlorobenzene	541-73-1	BRL	313	ug/kg	02.01.13 04.55	U	50
1,4-Dichlorobenzene	106-46-7	BRL	313	ug/kg	02.01.13 04.55	U	50
2-Butanone (MEK)	78-93-3	BRL	3130	ug/kg	02.01.13 04.55	U	50
2-Hexanone	591-78-6	BRL	3130	ug/kg	02.01.13 04.55	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3130	ug/kg	02.01.13 04.55	U	50
Acetone	67-64-1	BRL	3130	ug/kg	02.01.13 04.55	U	50
Benzene	71-43-2	BRL	313	ug/kg	02.01.13 04.55	U	50
Bromochloromethane	74-97-5	BRL	313	ug/kg	02.01.13 04.55	U	50
Bromodichloromethane	75-27-4	BRL	313	ug/kg	02.01.13 04.55	U	50
Bromoform	75-25-2	BRL	313	ug/kg	02.01.13 04.55	U	50
Bromomethane	74-83-9	BRL	313	ug/kg	02.01.13 04.55	U	50
Carbon disulfide	75-15-0	BRL	2500	ug/kg	02.01.13 04.55	U	50
Carbon tetrachloride	56-23-5	BRL	313	ug/kg	02.01.13 04.55	U	50
Chlorobenzene	108-90-7	BRL	313	ug/kg	02.01.13 04.55	U	50
Chloroethane	75-00-3	BRL	313	ug/kg	02.01.13 04.55	U	50
Chloroform	67-66-3	BRL	313	ug/kg	02.01.13 04.55	U	50
Chloromethane	74-87-3	BRL	626	ug/kg	02.01.13 04.55	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	313	ug/kg	02.01.13 04.55	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	313	ug/kg	02.01.13 04.55	U	50
Cyclohexane	110-82-7	BRL	313	ug/kg	02.01.13 04.55	U	50
Dibromochloromethane	124-48-1	BRL	313	ug/kg	02.01.13 04.55	U	50
Dichlorodifluoromethane	75-71-8	BRL	313	ug/kg	02.01.13 04.55	U	50
Ethylbenzene	100-41-4	BRL	313	ug/kg	02.01.13 04.55	U	50
Isopropylbenzene	98-82-8	BRL	313	ug/kg	02.01.13 04.55	U	50
m,p-Xylenes	179601-23-1	BRL	313	ug/kg	02.01.13 04.55	U	50
Methyl acetate	79-20-9	BRL	313	ug/kg	02.01.13 04.55	U	50
Methyl tert-butyl ether	1634-04-4	BRL	313	ug/kg	02.01.13 04.55	U	50
Methylcyclohexane	108-87-2	BRL	313	ug/kg	02.01.13 04.55	U	50

Certificate of Analytical Results 456806

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-001** Date Collected: 01.31.13 13.28 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 25.33
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1250	ug/kg	02.01.13 04.55	U	50
Naphthalene	91-20-3	BRL	313	ug/kg	02.01.13 04.55	U	50
o-Xylene	95-47-6	BRL	313	ug/kg	02.01.13 04.55	U	50
Styrene	100-42-5	BRL	313	ug/kg	02.01.13 04.55	U	50
Tetrachloroethene	127-18-4	**9950**	313	ug/kg	02.01.13 04.55		50
Toluene	108-88-3	BRL	313	ug/kg	02.01.13 04.55	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	313	ug/kg	02.01.13 04.55	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	313	ug/kg	02.01.13 04.55	U	50
Trichloroethene	79-01-6	BRL	313	ug/kg	02.01.13 04.55	U	50
Trichlorofluoromethane	75-69-4	BRL	313	ug/kg	02.01.13 04.55	U	50
Vinyl chloride	75-01-4	BRL	313	ug/kg	02.01.13 04.55	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	70	%	50-150	02.01.13 04.55	
4-Bromofluorobenzene	460-00-4	89	%	57-158	02.01.13 04.55	
Toluene-D8	2037-26-5	94	%	50-150	02.01.13 04.55	

Certificate of Analytical Results 456806

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-002** Date Collected: 01.31.13 13.20 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 26.96
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	386	ug/kg	02.01.13 05.21	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	386	ug/kg	02.01.13 05.21	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	386	ug/kg	02.01.13 05.21	U	50
1,1,2-Trichloroethane	79-00-5	BRL	386	ug/kg	02.01.13 05.21	U	50
1,1-Dichloroethane	75-34-3	BRL	386	ug/kg	02.01.13 05.21	U	50
1,1-Dichloroethene	75-35-4	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2-Dichlorobenzene	95-50-1	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2-Dichloroethane	107-06-2	BRL	386	ug/kg	02.01.13 05.21	U	50
1,2-Dichloropropane	78-87-5	BRL	386	ug/kg	02.01.13 05.21	U	50
1,3-Dichlorobenzene	541-73-1	BRL	386	ug/kg	02.01.13 05.21	U	50
1,4-Dichlorobenzene	106-46-7	BRL	386	ug/kg	02.01.13 05.21	U	50
2-Butanone (MEK)	78-93-3	BRL	3860	ug/kg	02.01.13 05.21	U	50
2-Hexanone	591-78-6	BRL	3860	ug/kg	02.01.13 05.21	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3860	ug/kg	02.01.13 05.21	U	50
Acetone	67-64-1	BRL	3860	ug/kg	02.01.13 05.21	U	50
Benzene	71-43-2	BRL	386	ug/kg	02.01.13 05.21	U	50
Bromochloromethane	74-97-5	BRL	386	ug/kg	02.01.13 05.21	U	50
Bromodichloromethane	75-27-4	BRL	386	ug/kg	02.01.13 05.21	U	50
Bromoform	75-25-2	BRL	386	ug/kg	02.01.13 05.21	U	50
Bromomethane	74-83-9	BRL	386	ug/kg	02.01.13 05.21	U	50
Carbon disulfide	75-15-0	BRL	3090	ug/kg	02.01.13 05.21	U	50
Carbon tetrachloride	56-23-5	BRL	386	ug/kg	02.01.13 05.21	U	50
Chlorobenzene	108-90-7	BRL	386	ug/kg	02.01.13 05.21	U	50
Chloroethane	75-00-3	BRL	386	ug/kg	02.01.13 05.21	U	50
Chloroform	67-66-3	BRL	386	ug/kg	02.01.13 05.21	U	50
Chloromethane	74-87-3	BRL	773	ug/kg	02.01.13 05.21	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	386	ug/kg	02.01.13 05.21	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	386	ug/kg	02.01.13 05.21	U	50
Cyclohexane	110-82-7	BRL	386	ug/kg	02.01.13 05.21	U	50
Dibromochloromethane	124-48-1	BRL	386	ug/kg	02.01.13 05.21	U	50
Dichlorodifluoromethane	75-71-8	BRL	386	ug/kg	02.01.13 05.21	U	50
Ethylbenzene	100-41-4	BRL	386	ug/kg	02.01.13 05.21	U	50
Isopropylbenzene	98-82-8	BRL	386	ug/kg	02.01.13 05.21	U	50
m,p-Xylenes	179601-23-1	BRL	386	ug/kg	02.01.13 05.21	U	50
Methyl acetate	79-20-9	BRL	386	ug/kg	02.01.13 05.21	U	50
Methyl tert-butyl ether	1634-04-4	BRL	386	ug/kg	02.01.13 05.21	U	50
Methylcyclohexane	108-87-2	BRL	386	ug/kg	02.01.13 05.21	U	50

Certificate of Analytical Results 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 16.06

Lab Sample Id: **456806-002** Date Collected: 01.31.13 13.20 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 26.96

Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight

Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1550	ug/kg	02.01.13 05.21	U	50
Naphthalene	91-20-3	BRL	386	ug/kg	02.01.13 05.21	U	50
o-Xylene	95-47-6	BRL	386	ug/kg	02.01.13 05.21	U	50
Styrene	100-42-5	BRL	386	ug/kg	02.01.13 05.21	U	50
Tetrachloroethene	127-18-4	**2410**	386	ug/kg	02.01.13 05.21		50
Toluene	108-88-3	BRL	386	ug/kg	02.01.13 05.21	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	386	ug/kg	02.01.13 05.21	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	386	ug/kg	02.01.13 05.21	U	50
Trichloroethene	79-01-6	BRL	386	ug/kg	02.01.13 05.21	U	50
Trichlorofluoromethane	75-69-4	BRL	386	ug/kg	02.01.13 05.21	U	50
Vinyl chloride	75-01-4	BRL	386	ug/kg	02.01.13 05.21	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	74	%	50-150	02.01.13 05.21	
4-Bromofluorobenzene	460-00-4	87	%	57-158	02.01.13 05.21	
Toluene-D8	2037-26-5	106	%	50-150	02.01.13 05.21	

Certificate of Analytical Results 456806

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-003** Date Collected: 01.31.13 13.22 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22
Analyst: MLA Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,1-Dichloroethane	75-34-3	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,1-Dichloroethene	75-35-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2-Dichloroethane	107-06-2	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,2-Dichloropropane	78-87-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.37	ug/kg	02.01.13 07.02	U	1
2-Butanone (MEK)	78-93-3	BRL	53.7	ug/kg	02.01.13 07.02	U	1
2-Hexanone	591-78-6	BRL	53.7	ug/kg	02.01.13 07.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	53.7	ug/kg	02.01.13 07.02	U	1
Acetone	67-64-1	BRL	53.7	ug/kg	02.01.13 07.02	U	1
Benzene	71-43-2	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Bromochloromethane	74-97-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Bromodichloromethane	75-27-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Bromoform	75-25-2	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Bromomethane	74-83-9	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Carbon disulfide	75-15-0	BRL	42.9	ug/kg	02.01.13 07.02	U	1
Carbon tetrachloride	56-23-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Chlorobenzene	108-90-7	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Chloroethane	75-00-3	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Chloroform	67-66-3	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Chloromethane	74-87-3	BRL	10.7	ug/kg	02.01.13 07.02	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.37	ug/kg	02.01.13 07.02	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Cyclohexane	110-82-7	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Dibromochloromethane	124-48-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Ethylbenzene	100-41-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Isopropylbenzene	98-82-8	BRL	5.37	ug/kg	02.01.13 07.02	U	1
m,p-Xylenes	179601-23-1	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Methyl acetate	79-20-9	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Methylcyclohexane	108-87-2	BRL	5.37	ug/kg	02.01.13 07.02	U	1

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-6 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-003** Date Collected: 01.31.13 13.22 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22
Analyst: MLA Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.5	ug/kg	02.01.13 07.02	U	1
Naphthalene	91-20-3	BRL	5.37	ug/kg	02.01.13 07.02	U	1
o-Xylene	95-47-6	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Styrene	100-42-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Tetrachloroethene	127-18-4	**11.0**	5.37	ug/kg	02.01.13 07.02		1
Toluene	108-88-3	BRL	5.37	ug/kg	02.01.13 07.02	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.37	ug/kg	02.01.13 07.02	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Trichloroethene	79-01-6	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Trichlorofluoromethane	75-69-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1
Vinyl chloride	75-01-4	BRL	5.37	ug/kg	02.01.13 07.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	139	%	50-150	02.01.13 07.02	
4-Bromofluorobenzene	460-00-4	109	%	57-158	02.01.13 07.02	
Toluene-D8	2037-26-5	101	%	50-150	02.01.13 07.02	

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (2-4 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-004** Date Collected: 01.31.13 13.40 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.32
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	224	ug/kg	02.01.13 12.41	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	224	ug/kg	02.01.13 12.41	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	224	ug/kg	02.01.13 12.41	U	50
1,1,2-Trichloroethane	79-00-5	BRL	224	ug/kg	02.01.13 12.41	U	50
1,1-Dichloroethane	75-34-3	BRL	224	ug/kg	02.01.13 12.41	U	50
1,1-Dichloroethene	75-35-4	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2-Dichlorobenzene	95-50-1	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2-Dichloroethane	107-06-2	BRL	224	ug/kg	02.01.13 12.41	U	50
1,2-Dichloropropane	78-87-5	BRL	224	ug/kg	02.01.13 12.41	U	50
1,3-Dichlorobenzene	541-73-1	BRL	224	ug/kg	02.01.13 12.41	U	50
1,4-Dichlorobenzene	106-46-7	BRL	224	ug/kg	02.01.13 12.41	U	50
2-Butanone (MEK)	78-93-3	BRL	2240	ug/kg	02.01.13 12.41	U	50
2-Hexanone	591-78-6	BRL	2240	ug/kg	02.01.13 12.41	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2240	ug/kg	02.01.13 12.41	U	50
Acetone	67-64-1	BRL	2240	ug/kg	02.01.13 12.41	U	50
Benzene	71-43-2	BRL	224	ug/kg	02.01.13 12.41	U	50
Bromochloromethane	74-97-5	BRL	224	ug/kg	02.01.13 12.41	U	50
Bromodichloromethane	75-27-4	BRL	224	ug/kg	02.01.13 12.41	U	50
Bromoform	75-25-2	BRL	224	ug/kg	02.01.13 12.41	U	50
Bromomethane	74-83-9	BRL	224	ug/kg	02.01.13 12.41	U	50
Carbon disulfide	75-15-0	BRL	1790	ug/kg	02.01.13 12.41	U	50
Carbon tetrachloride	56-23-5	BRL	224	ug/kg	02.01.13 12.41	U	50
Chlorobenzene	108-90-7	BRL	224	ug/kg	02.01.13 12.41	U	50
Chloroethane	75-00-3	BRL	224	ug/kg	02.01.13 12.41	U	50
Chloroform	67-66-3	BRL	224	ug/kg	02.01.13 12.41	U	50
Chloromethane	74-87-3	BRL	448	ug/kg	02.01.13 12.41	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	224	ug/kg	02.01.13 12.41	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	224	ug/kg	02.01.13 12.41	U	50
Cyclohexane	110-82-7	BRL	224	ug/kg	02.01.13 12.41	U	50
Dibromochloromethane	124-48-1	BRL	224	ug/kg	02.01.13 12.41	U	50
Dichlorodifluoromethane	75-71-8	BRL	224	ug/kg	02.01.13 12.41	U	50
Ethylbenzene	100-41-4	BRL	224	ug/kg	02.01.13 12.41	U	50
Isopropylbenzene	98-82-8	BRL	224	ug/kg	02.01.13 12.41	U	50
m,p-Xylenes	179601-23-1	BRL	224	ug/kg	02.01.13 12.41	U	50
Methyl acetate	79-20-9	**272**	224	ug/kg	02.01.13 12.41		50
Methyl tert-butyl ether	1634-04-4	BRL	224	ug/kg	02.01.13 12.41	U	50
Methylcyclohexane	108-87-2	BRL	224	ug/kg	02.01.13 12.41	U	50

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (2-4 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-004** Date Collected: 01.31.13 13.40 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.32
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	895	ug/kg	02.01.13 12.41	U	50
Naphthalene	91-20-3	BRL	224	ug/kg	02.01.13 12.41	U	50
o-Xylene	95-47-6	BRL	224	ug/kg	02.01.13 12.41	U	50
Styrene	100-42-5	BRL	224	ug/kg	02.01.13 12.41	U	50
Tetrachloroethene	127-18-4	**8240**	224	ug/kg	02.01.13 12.41		50
Toluene	108-88-3	BRL	224	ug/kg	02.01.13 12.41	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	224	ug/kg	02.01.13 12.41	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	224	ug/kg	02.01.13 12.41	U	50
Trichloroethene	79-01-6	**291**	224	ug/kg	02.01.13 12.41		50
Trichlorofluoromethane	75-69-4	BRL	224	ug/kg	02.01.13 12.41	U	50
Vinyl chloride	75-01-4	BRL	224	ug/kg	02.01.13 12.41	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	02.01.13 12.41	
4-Bromofluorobenzene	460-00-4	101	%	57-158	02.01.13 12.41	
Toluene-D8	2037-26-5	105	%	50-150	02.01.13 12.41	

Certificate of Analytical Results 456806

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-005** Date Collected: 01.31.13 13.45 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 27.32
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	247	ug/kg	02.01.13 11.47	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	247	ug/kg	02.01.13 11.47	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	247	ug/kg	02.01.13 11.47	U	50
1,1,2-Trichloroethane	79-00-5	BRL	247	ug/kg	02.01.13 11.47	U	50
1,1-Dichloroethane	75-34-3	BRL	247	ug/kg	02.01.13 11.47	U	50
1,1-Dichloroethene	75-35-4	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2-Dichlorobenzene	95-50-1	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2-Dichloroethane	107-06-2	BRL	247	ug/kg	02.01.13 11.47	U	50
1,2-Dichloropropane	78-87-5	BRL	247	ug/kg	02.01.13 11.47	U	50
1,3-Dichlorobenzene	541-73-1	BRL	247	ug/kg	02.01.13 11.47	U	50
1,4-Dichlorobenzene	106-46-7	BRL	247	ug/kg	02.01.13 11.47	U	50
2-Butanone (MEK)	78-93-3	BRL	2470	ug/kg	02.01.13 11.47	U	50
2-Hexanone	591-78-6	BRL	2470	ug/kg	02.01.13 11.47	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2470	ug/kg	02.01.13 11.47	U	50
Acetone	67-64-1	BRL	2470	ug/kg	02.01.13 11.47	U	50
Benzene	71-43-2	BRL	247	ug/kg	02.01.13 11.47	U	50
Bromochloromethane	74-97-5	BRL	247	ug/kg	02.01.13 11.47	U	50
Bromodichloromethane	75-27-4	BRL	247	ug/kg	02.01.13 11.47	U	50
Bromoform	75-25-2	BRL	247	ug/kg	02.01.13 11.47	U	50
Bromomethane	74-83-9	BRL	247	ug/kg	02.01.13 11.47	U	50
Carbon disulfide	75-15-0	BRL	1970	ug/kg	02.01.13 11.47	U	50
Carbon tetrachloride	56-23-5	BRL	247	ug/kg	02.01.13 11.47	U	50
Chlorobenzene	108-90-7	BRL	247	ug/kg	02.01.13 11.47	U	50
Chloroethane	75-00-3	BRL	247	ug/kg	02.01.13 11.47	U	50
Chloroform	67-66-3	BRL	247	ug/kg	02.01.13 11.47	U	50
Chloromethane	74-87-3	BRL	494	ug/kg	02.01.13 11.47	U	50
cis-1,2-Dichloroethene	156-59-2	**859**	247	ug/kg	02.01.13 11.47		50
cis-1,3-Dichloropropene	10061-01-5	BRL	247	ug/kg	02.01.13 11.47	U	50
Cyclohexane	110-82-7	BRL	247	ug/kg	02.01.13 11.47	U	50
Dibromochloromethane	124-48-1	BRL	247	ug/kg	02.01.13 11.47	U	50
Dichlorodifluoromethane	75-71-8	BRL	247	ug/kg	02.01.13 11.47	U	50
Ethylbenzene	100-41-4	BRL	247	ug/kg	02.01.13 11.47	U	50
Isopropylbenzene	98-82-8	BRL	247	ug/kg	02.01.13 11.47	U	50
m,p-Xylenes	179601-23-1	BRL	247	ug/kg	02.01.13 11.47	U	50
Methyl acetate	79-20-9	**395**	247	ug/kg	02.01.13 11.47		50
Methyl tert-butyl ether	1634-04-4	BRL	247	ug/kg	02.01.13 11.47	U	50
Methylcyclohexane	108-87-2	BRL	247	ug/kg	02.01.13 11.47	U	50

Certificate of Analytical Results 456806

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-005** Date Collected: 01.31.13 13.45 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 27.32
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	987	ug/kg	02.01.13 11.47	U	50
Naphthalene	91-20-3	BRL	247	ug/kg	02.01.13 11.47	U	50
o-Xylene	95-47-6	BRL	247	ug/kg	02.01.13 11.47	U	50
Styrene	100-42-5	BRL	247	ug/kg	02.01.13 11.47	U	50
Tetrachloroethene	127-18-4	**49800**	2470	ug/kg	02.01.13 15.13	D	500
Toluene	108-88-3	BRL	247	ug/kg	02.01.13 11.47	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	247	ug/kg	02.01.13 11.47	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	247	ug/kg	02.01.13 11.47	U	50
Trichloroethene	79-01-6	**2170**	247	ug/kg	02.01.13 11.47		50
Trichlorofluoromethane	75-69-4	BRL	247	ug/kg	02.01.13 11.47	U	50
Vinyl chloride	75-01-4	BRL	247	ug/kg	02.01.13 11.47	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	02.01.13 11.47	
4-Bromofluorobenzene	460-00-4	95	%	57-158	02.01.13 11.47	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 11.47	

Certificate of Analytical Results 456806

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-006** Date Collected: 01.31.13 13.50 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 16.4
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,1-Dichloroethane	75-34-3	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,1-Dichloroethene	75-35-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2-Dichloroethane	107-06-2	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,2-Dichloropropane	78-87-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.59	ug/kg	02.01.13 05.57	U	1
2-Butanone (MEK)	78-93-3	BRL	45.9	ug/kg	02.01.13 05.57	U	1
2-Hexanone	591-78-6	BRL	45.9	ug/kg	02.01.13 05.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	45.9	ug/kg	02.01.13 05.57	U	1
Acetone	67-64-1	**47.1**	45.9	ug/kg	02.01.13 05.57		1
Benzene	71-43-2	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Bromochloromethane	74-97-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Bromodichloromethane	75-27-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Bromoform	75-25-2	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Bromomethane	74-83-9	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Carbon disulfide	75-15-0	BRL	36.7	ug/kg	02.01.13 05.57	U	1
Carbon tetrachloride	56-23-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Chlorobenzene	108-90-7	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Chloroethane	75-00-3	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Chloroform	67-66-3	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Chloromethane	74-87-3	BRL	9.19	ug/kg	02.01.13 05.57	U	1
cis-1,2-Dichloroethene	156-59-2	**5.67**	4.59	ug/kg	02.01.13 05.57		1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Cyclohexane	110-82-7	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Dibromochloromethane	124-48-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Ethylbenzene	100-41-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Isopropylbenzene	98-82-8	BRL	4.59	ug/kg	02.01.13 05.57	U	1
m,p-Xylenes	179601-23-1	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Methyl acetate	79-20-9	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Methylcyclohexane	108-87-2	BRL	4.59	ug/kg	02.01.13 05.57	U	1

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-006** Date Collected: 01.31.13 13.50 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 16.4
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	18.4	ug/kg	02.01.13 05.57	U	1
Naphthalene	91-20-3	BRL	4.59	ug/kg	02.01.13 05.57	U	1
o-Xylene	95-47-6	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Styrene	100-42-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Tetrachloroethene	127-18-4	**23.0**	4.59	ug/kg	02.01.13 05.57		1
Toluene	108-88-3	BRL	4.59	ug/kg	02.01.13 05.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.59	ug/kg	02.01.13 05.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Trichloroethene	79-01-6	**5.93**	4.59	ug/kg	02.01.13 05.57		1
Trichlorofluoromethane	75-69-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1
Vinyl chloride	75-01-4	BRL	4.59	ug/kg	02.01.13 05.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	142	%	50-150	02.01.13 05.57	
4-Bromofluorobenzene	460-00-4	113	%	57-158	02.01.13 05.57	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 05.57	

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-007** Date Collected: 01.31.13 13.55 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,1-Dichloroethane	75-34-3	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,1-Dichloroethene	75-35-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2-Dichloroethane	107-06-2	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,2-Dichloropropane	78-87-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.44	ug/kg	02.01.13 03.42	U	1
2-Butanone (MEK)	78-93-3	BRL	54.4	ug/kg	02.01.13 03.42	U	1
2-Hexanone	591-78-6	BRL	54.4	ug/kg	02.01.13 03.42	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	54.4	ug/kg	02.01.13 03.42	U	1
Acetone	67-64-1	BRL	54.4	ug/kg	02.01.13 03.42	U	1
Benzene	71-43-2	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Bromochloromethane	74-97-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Bromodichloromethane	75-27-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Bromoform	75-25-2	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Bromomethane	74-83-9	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Carbon disulfide	75-15-0	BRL	43.5	ug/kg	02.01.13 03.42	U	1
Carbon tetrachloride	56-23-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Chlorobenzene	108-90-7	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Chloroethane	75-00-3	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Chloroform	67-66-3	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Chloromethane	74-87-3	BRL	10.9	ug/kg	02.01.13 03.42	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.44	ug/kg	02.01.13 03.42	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Cyclohexane	110-82-7	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Dibromochloromethane	124-48-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Ethylbenzene	100-41-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Isopropylbenzene	98-82-8	BRL	5.44	ug/kg	02.01.13 03.42	U	1
m,p-Xylenes	179601-23-1	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Methyl acetate	79-20-9	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Methylcyclohexane	108-87-2	BRL	5.44	ug/kg	02.01.13 03.42	U	1

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-7 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-007** Date Collected: 01.31.13 13.55 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.8	ug/kg	02.01.13 03.42	U	1
Naphthalene	91-20-3	BRL	5.44	ug/kg	02.01.13 03.42	U	1
o-Xylene	95-47-6	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Styrene	100-42-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Tetrachloroethene	127-18-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Toluene	108-88-3	BRL	5.44	ug/kg	02.01.13 03.42	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.44	ug/kg	02.01.13 03.42	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Trichloroethene	79-01-6	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Trichlorofluoromethane	75-69-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1
Vinyl chloride	75-01-4	BRL	5.44	ug/kg	02.01.13 03.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	137	%	50-150	02.01.13 03.42	
4-Bromofluorobenzene	460-00-4	107	%	57-158	02.01.13 03.42	
Toluene-D8	2037-26-5	101	%	50-150	02.01.13 03.42	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (0-2 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-008** Date Collected: 01.31.13 14.20 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 16.7
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,1-Dichloroethane	75-34-3	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,1-Dichloroethene	75-35-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2-Dichloroethane	107-06-2	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,2-Dichloropropane	78-87-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.27	ug/kg	02.01.13 13.45	U	1
2-Butanone (MEK)	78-93-3	BRL	62.7	ug/kg	02.01.13 13.45	U	1
2-Hexanone	591-78-6	BRL	62.7	ug/kg	02.01.13 13.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	62.7	ug/kg	02.01.13 13.45	U	1
Acetone	67-64-1	BRL	62.7	ug/kg	02.01.13 13.45	U	1
Benzene	71-43-2	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Bromochloromethane	74-97-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Bromodichloromethane	75-27-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Bromoform	75-25-2	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Bromomethane	74-83-9	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Carbon disulfide	75-15-0	BRL	50.1	ug/kg	02.01.13 13.45	U	1
Carbon tetrachloride	56-23-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Chlorobenzene	108-90-7	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Chloroethane	75-00-3	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Chloroform	67-66-3	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Chloromethane	74-87-3	BRL	12.5	ug/kg	02.01.13 13.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.27	ug/kg	02.01.13 13.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Cyclohexane	110-82-7	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Dibromochloromethane	124-48-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Ethylbenzene	100-41-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Isopropylbenzene	98-82-8	BRL	6.27	ug/kg	02.01.13 13.45	U	1
m,p-Xylenes	179601-23-1	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Methyl acetate	79-20-9	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Methylcyclohexane	108-87-2	BRL	6.27	ug/kg	02.01.13 13.45	U	1

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (0-2 FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456806-008** Date Collected: 01.31.13 14.20 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 16.7
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	25.1	ug/kg	02.01.13 13.45	U	1
Naphthalene	91-20-3	BRL	6.27	ug/kg	02.01.13 13.45	U	1
o-Xylene	95-47-6	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Styrene	100-42-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Tetrachloroethene	127-18-4	**10.1**	6.27	ug/kg	02.01.13 13.45		1
Toluene	108-88-3	BRL	6.27	ug/kg	02.01.13 13.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.27	ug/kg	02.01.13 13.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Trichloroethene	79-01-6	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Trichlorofluoromethane	75-69-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1
Vinyl chloride	75-01-4	BRL	6.27	ug/kg	02.01.13 13.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	142	%	50-150	02.01.13 13.45	
4-Bromofluorobenzene	460-00-4	107	%	57-158	02.01.13 13.45	
Toluene-D8	2037-26-5	103	%	50-150	02.01.13 13.45	

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 16.06
Lab Sample Id: **456806-009** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.02.13 11.42
Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.02.13 14.44	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.02.13 14.44	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.02.13 14.44	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.02.13 14.44	U	1
Acetone	67-64-1	BRL	50	ug/L	02.02.13 14.44	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.02.13 14.44	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.02.13 14.44	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.02.13 14.44	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.02.13 14.44	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.02.13 14.44	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.02.13 14.44	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.02.13 14.44	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.02.13 14.44	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.02.13 14.44	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.02.13 14.44	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.02.13 14.44	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.02.13 14.44	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.02.13 14.44	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.02.13 14.44	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.02.13 14.44	U	1

Certificate of Analytical Results 456806

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 16.06

Lab Sample Id: **456806-009** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 02.02.13 11.42

Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.02.13 14.44	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.02.13 14.44	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.02.13 14.44	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.02.13 14.44	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.02.13 14.44	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.02.13 14.44	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.02.13 14.44	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.02.13 14.44	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.02.13 14.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	53-159	02.02.13 14.44	
4-Bromofluorobenzene	460-00-4	118	%	30-186	02.02.13 14.44	
Toluene-D8	2037-26-5	102	%	70-130	02.02.13 14.44	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	61.7	123	57.9	116	62-139	6	20	ug/kg	01/31/13 21:11	
1,1,2,2-Tetrachloroethane	<1.19	50.0	54.0	108	51.8	104	67-123	4	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	68.0	136	59.1	118	37-166	14	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	51.1	102	68-123	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethane	<0.802	50.0	56.9	114	54.7	109	73-121	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethene	<1.16	50.0	55.7	111	53.1	106	56-137	5	20	ug/kg	01/31/13 21:11	
1,2,3-Trichlorobenzene	<0.574	50.0	58.9	118	55.8	112	60-137	5	20	ug/kg	01/31/13 21:11	
1,2,4-Trichlorobenzene	<0.873	50.0	58.5	117	54.8	110	59-138	7	20	ug/kg	01/31/13 21:11	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	57.0	114	55.8	112	59-127	2	20	ug/kg	01/31/13 21:11	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.2	108	53.1	106	70-131	2	20	ug/kg	01/31/13 21:11	
1,2-Dichlorobenzene	<1.29	50.0	57.5	115	54.6	109	76-120	5	20	ug/kg	01/31/13 21:11	
1,2-Dichloroethane	<0.597	50.0	62.2	124	61.2	122	60-136	2	20	ug/kg	01/31/13 21:11	
1,2-Dichloropropane	<0.929	50.0	48.1	96	48.6	97	73-120	1	20	ug/kg	01/31/13 21:11	
1,3-Dichlorobenzene	<0.997	50.0	56.5	113	53.4	107	76-125	6	20	ug/kg	01/31/13 21:11	
1,4-Dichlorobenzene	<0.684	50.0	61.0	122	55.9	112	75-120	9	20	ug/kg	01/31/13 21:11	H
2-Butanone (MEK)	<9.11	100	122	122	122	122	55-143	0	20	ug/kg	01/31/13 21:11	
2-Hexanone	<1.13	100	126	126	131	131	53-142	4	20	ug/kg	01/31/13 21:11	
4-Methyl-2-pentanone (MIBK)	<3.23	100	111	111	114	114	55-138	3	20	ug/kg	01/31/13 21:11	
Acetone	<6.88	100	88.8	89	115	115	51-165	26	20	ug/kg	01/31/13 21:11	F
Benzene	<0.513	50.0	51.7	103	50.0	100	72-126	3	20	ug/kg	01/31/13 21:11	
Bromochloromethane	<1.01	50.0	53.8	108	54.8	110	79-119	2	20	ug/kg	01/31/13 21:11	
Bromodichloromethane	<0.501	50.0	59.4	119	57.1	114	72-126	4	20	ug/kg	01/31/13 21:11	
Bromoform	<0.959	50.0	59.4	119	56.2	112	62-140	6	20	ug/kg	01/31/13 21:11	
Bromomethane	<2.46	50.0	48.6	97	44.8	90	50-156	8	20	ug/kg	01/31/13 21:11	
Carbon disulfide	<1.46	50.0	54.9	110	50.1	100	42-150	9	20	ug/kg	01/31/13 21:11	
Carbon tetrachloride	<0.742	50.0	67.5	135	61.7	123	55-151	9	20	ug/kg	01/31/13 21:11	
Chlorobenzene	<0.579	50.0	53.7	107	51.1	102	80-111	5	20	ug/kg	01/31/13 21:11	
Chloroethane	<2.45	50.0	49.4	99	43.8	88	54-150	12	20	ug/kg	01/31/13 21:11	
Chloroform	<0.741	50.0	54.0	108	55.0	110	73-117	2	20	ug/kg	01/31/13 21:11	
Chloromethane	<2.30	50.0	39.4	79	38.1	76	40-155	3	20	ug/kg	01/31/13 21:11	
cis-1,2-Dichloroethene	<0.662	50.0	52.5	105	51.2	102	71-122	3	20	ug/kg	01/31/13 21:11	
cis-1,3-Dichloropropene	<0.539	50.0	56.2	112	54.4	109	71-129	3	20	ug/kg	01/31/13 21:11	
Cyclohexane	<0.945	50.0	56.0	112	51.3	103	53-141	9	20	ug/kg	01/31/13 21:11	
Dibromochloromethane	<0.994	50.0	60.8	122	59.8	120	68-131	2	20	ug/kg	01/31/13 21:11	
Dichlorodifluoromethane	<1.18	50.0	28.5	57	24.2	48	12-177	16	20	ug/kg	01/31/13 21:11	
Ethylbenzene	<0.565	50.0	58.0	116	54.9	110	74-131	5	20	ug/kg	01/31/13 21:11	
Isopropylbenzene	<0.759	50.0	60.1	120	54.1	108	73-126	11	20	ug/kg	01/31/13 21:11	
m,p-Xylenes	<1.21	100	115	115	111	111	78-122	4	20	ug/kg	01/31/13 21:11	
Methyl acetate	<0.946	50.0	59.7	119	41.7	83	50-150	36	20	ug/kg	01/31/13 21:11	F
Methyl tert-butyl ether	<0.693	100	113	113	110	110	50-162	3	20	ug/kg	01/31/13 21:11	
Methylcyclohexane	<1.09	50.0	57.6	115	53.0	106	54-147	8	20	ug/kg	01/31/13 21:11	
Methylene chloride	<2.17	50.0	53.8	108	51.9	104	61-137	4	20	ug/kg	01/31/13 21:11	
Naphthalene	<1.30	50.0	50.5	101	52.2	104	50-151	3	20	ug/kg	01/31/13 21:11	
o-Xylene	<0.716	50.0	56.3	113	53.6	107	76-121	5	20	ug/kg	01/31/13 21:11	
Styrene	<0.742	50.0	57.2	114	55.9	112	81-117	2	20	ug/kg	01/31/13 21:11	
Tetrachloroethene	<1.04	50.0	57.5	115	54.7	109	70-127	5	20	ug/kg	01/31/13 21:11	
Toluene	<0.588	50.0	52.0	104	50.9	102	75-118	2	20	ug/kg	01/31/13 21:11	
trans-1,2-Dichloroethene	<0.780	50.0	56.0	112	54.1	108	63-137	3	20	ug/kg	01/31/13 21:11	
trans-1,3-Dichloropropene	<0.670	50.0	60.3	121	59.8	120	61-143	1	20	ug/kg	01/31/13 21:11	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	56.0	112	55.1	110	73-123	2	20	ug/kg	01/31/13 21:11	
Trichlorofluoromethane	<3.51	50.0	43.2	86	40.2	80	47-165	7	20	ug/kg	01/31/13 21:11	
Vinyl chloride	<2.01	50.0	43.8	88	42.0	84	57-139	4	20	ug/kg	01/31/13 21:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	126		128		107		50-150	%	01/31/13 21:11
4-Bromofluorobenzene	103		101		100		57-158	%	01/31/13 21:11
Toluene-D8	101		100		100		50-150	%	01/31/13 21:11

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906099 Matrix: Solid Date Prep: 02/01/2013
MB Sample Id: 633279-1-BLK LCS Sample Id: 633279-1-BKS LCSD Sample Id: 633279-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	56.0	112	59.8	120	62-139	7	20	ug/kg	02/01/13 09:03	
1,1,2,2-Tetrachloroethane	<1.19	50.0	50.9	102	53.2	106	67-123	4	20	ug/kg	02/01/13 09:03	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	54.1	108	54.6	109	37-166	1	20	ug/kg	02/01/13 09:03	
1,1,2-Trichloroethane	<0.670	50.0	50.4	101	52.8	106	68-123	5	20	ug/kg	02/01/13 09:03	
1,1-Dichloroethane	<0.802	50.0	49.8	100	50.0	100	73-121	0	20	ug/kg	02/01/13 09:03	
1,1-Dichloroethene	<1.16	50.0	50.3	101	50.9	102	56-137	1	20	ug/kg	02/01/13 09:03	
1,2,3-Trichlorobenzene	<0.574	50.0	56.0	112	56.8	114	60-137	1	20	ug/kg	02/01/13 09:03	
1,2,4-Trichlorobenzene	<0.873	50.0	60.6	121	59.8	120	59-138	1	20	ug/kg	02/01/13 09:03	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.6	109	53.2	106	59-127	3	20	ug/kg	02/01/13 09:03	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.4	109	55.6	111	70-131	2	20	ug/kg	02/01/13 09:03	
1,2-Dichlorobenzene	<1.29	50.0	55.8	112	56.5	113	76-120	1	20	ug/kg	02/01/13 09:03	
1,2-Dichloroethane	<0.597	50.0	52.2	104	53.9	108	60-136	3	20	ug/kg	02/01/13 09:03	
1,2-Dichloropropane	<0.929	50.0	52.4	105	56.1	112	73-120	7	20	ug/kg	02/01/13 09:03	
1,3-Dichlorobenzene	<0.997	50.0	59.5	119	58.8	118	76-125	1	20	ug/kg	02/01/13 09:03	
1,4-Dichlorobenzene	<0.684	50.0	54.9	110	55.9	112	75-120	2	20	ug/kg	02/01/13 09:03	
2-Butanone (MEK)	<9.11	100	111	111	97.9	98	55-143	13	20	ug/kg	02/01/13 09:03	
2-Hexanone	<1.13	100	110	110	114	114	53-142	4	20	ug/kg	02/01/13 09:03	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	105	105	55-138	5	20	ug/kg	02/01/13 09:03	
Acetone	<6.88	100	127	127	128	128	51-165	1	20	ug/kg	02/01/13 09:03	
Benzene	<0.513	50.0	50.7	101	53.3	107	72-126	5	20	ug/kg	02/01/13 09:03	
Bromochloromethane	<1.01	50.0	49.7	99	48.4	97	79-119	3	20	ug/kg	02/01/13 09:03	
Bromodichloromethane	<0.501	50.0	58.6	117	60.0	120	72-126	2	20	ug/kg	02/01/13 09:03	
Bromoform	<0.959	50.0	57.9	116	56.9	114	62-140	2	20	ug/kg	02/01/13 09:03	
Bromomethane	<2.46	50.0	97.8	196	105	210	50-156	7	20	ug/kg	02/01/13 09:03	H
Carbon disulfide	<1.46	50.0	52.8	106	51.3	103	42-150	3	20	ug/kg	02/01/13 09:03	
Carbon tetrachloride	<0.742	50.0	58.1	116	61.9	124	55-151	6	20	ug/kg	02/01/13 09:03	
Chlorobenzene	<0.579	50.0	51.3	103	53.0	106	80-111	3	20	ug/kg	02/01/13 09:03	
Chloroethane	<2.45	50.0	125	250	138	276	54-150	10	20	ug/kg	02/01/13 09:03	H
Chloroform	<0.741	50.0	48.5	97	51.2	102	73-117	5	20	ug/kg	02/01/13 09:03	
Chloromethane	<2.30	50.0	49.2	98	50.9	102	40-155	3	20	ug/kg	02/01/13 09:03	
cis-1,2-Dichloroethene	<0.662	50.0	49.3	99	47.3	95	71-122	4	20	ug/kg	02/01/13 09:03	
cis-1,3-Dichloropropene	<0.539	50.0	51.0	102	54.9	110	71-129	7	20	ug/kg	02/01/13 09:03	
Cyclohexane	<0.945	50.0	56.6	113	60.0	120	53-141	6	20	ug/kg	02/01/13 09:03	
Dibromochloromethane	<0.994	50.0	54.1	108	55.1	110	68-131	2	20	ug/kg	02/01/13 09:03	
Dichlorodifluoromethane	<1.18	50.0	46.4	93	46.1	92	12-177	1	20	ug/kg	02/01/13 09:03	
Ethylbenzene	<0.565	50.0	56.4	113	57.9	116	74-131	3	20	ug/kg	02/01/13 09:03	
Isopropylbenzene	<0.759	50.0	53.3	107	57.1	114	73-126	7	20	ug/kg	02/01/13 09:03	
m,p-Xylenes	<1.21	100	112	112	114	114	78-122	2	20	ug/kg	02/01/13 09:03	
Methyl acetate	<0.946	50.0	64.4	129	75.5	151	50-150	16	20	ug/kg	02/01/13 09:03	H
Methyl tert-butyl ether	<0.693	100	107	107	106	106	50-162	1	20	ug/kg	02/01/13 09:03	
Methylcyclohexane	<1.09	50.0	58.0	116	60.2	120	54-147	4	20	ug/kg	02/01/13 09:03	
Methylene chloride	<2.17	50.0	56.8	114	134	268	61-137	81	20	ug/kg	02/01/13 09:03	HF
Naphthalene	<1.30	50.0	50.4	101	50.5	101	50-151	0	20	ug/kg	02/01/13 09:03	
o-Xylene	<0.716	50.0	56.1	112	56.6	113	76-121	1	20	ug/kg	02/01/13 09:03	
Styrene	<0.742	50.0	52.3	105	52.7	105	81-117	1	20	ug/kg	02/01/13 09:03	
Tetrachloroethene	<1.04	50.0	56.2	112	59.4	119	70-127	6	20	ug/kg	02/01/13 09:03	
Toluene	<0.588	50.0	49.9	100	52.8	106	75-118	6	20	ug/kg	02/01/13 09:03	
trans-1,2-Dichloroethene	<0.780	50.0	46.2	92	45.4	91	63-137	2	20	ug/kg	02/01/13 09:03	
trans-1,3-Dichloropropene	<0.670	50.0	52.7	105	56.4	113	61-143	7	20	ug/kg	02/01/13 09:03	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Matrix: Solid Date Prep: 02/01/2013

MB Sample Id: 633279-1-BLK LCS Sample Id: 633279-1-BKS LCSD Sample Id: 633279-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	47.4	95	50.7	101	73-123	7	20	ug/kg	02/01/13 09:03	
Trichlorofluoromethane	<3.51	50.0	110	220	116	232	47-165	5	20	ug/kg	02/01/13 09:03	H
Vinyl chloride	<2.01	50.0	56.2	112	59.5	119	57-139	6	20	ug/kg	02/01/13 09:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	109		99		97		50-150	%	02/01/13 09:03
4-Bromofluorobenzene	101		102		104		57-158	%	02/01/13 09:03
Toluene-D8	101		105		108		50-150	%	02/01/13 09:03

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013
MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	59.7	119	53.2	106	62-139	12	20	ug/kg	02/01/13 10:26	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.5	99	48.9	98	67-123	1	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	72.9	146	61.4	123	37-166	17	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloroethane	<0.670	50.0	50.2	100	48.8	98	68-123	3	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethane	<0.802	50.0	52.5	105	49.5	99	73-121	6	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethene	<1.16	50.0	56.6	113	49.4	99	56-137	14	20	ug/kg	02/01/13 10:26	
1,2,3-Trichlorobenzene	<0.574	50.0	61.8	124	58.8	118	60-137	5	20	ug/kg	02/01/13 10:26	
1,2,4-Trichlorobenzene	<0.873	50.0	62.3	125	58.1	116	59-138	7	20	ug/kg	02/01/13 10:26	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.2	108	56.9	114	59-127	5	20	ug/kg	02/01/13 10:26	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.7	99	49.7	99	70-131	0	20	ug/kg	02/01/13 10:26	
1,2-Dichlorobenzene	<1.29	50.0	55.6	111	53.7	107	76-120	3	20	ug/kg	02/01/13 10:26	
1,2-Dichloroethane	<0.597	50.0	57.9	116	56.7	113	60-136	2	20	ug/kg	02/01/13 10:26	
1,2-Dichloropropane	<0.929	50.0	46.3	93	44.1	88	73-120	5	20	ug/kg	02/01/13 10:26	
1,3-Dichlorobenzene	<0.997	50.0	56.4	113	52.2	104	76-125	8	20	ug/kg	02/01/13 10:26	
1,4-Dichlorobenzene	<0.684	50.0	59.2	118	54.1	108	75-120	9	20	ug/kg	02/01/13 10:26	
2-Butanone (MEK)	<9.11	100	111	111	115	115	55-143	4	20	ug/kg	02/01/13 10:26	
2-Hexanone	<1.13	100	114	114	123	123	53-142	8	20	ug/kg	02/01/13 10:26	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	111	111	55-138	10	20	ug/kg	02/01/13 10:26	
Acetone	<6.88	100	119	119	118	118	51-165	1	20	ug/kg	02/01/13 10:26	
Benzene	<0.513	50.0	48.7	97	43.5	87	72-126	11	20	ug/kg	02/01/13 10:26	
Bromochloromethane	<1.01	50.0	49.8	100	49.1	98	79-119	1	20	ug/kg	02/01/13 10:26	
Bromodichloromethane	<0.501	50.0	56.1	112	54.1	108	72-126	4	20	ug/kg	02/01/13 10:26	
Bromoform	<0.959	50.0	53.7	107	55.3	111	62-140	3	20	ug/kg	02/01/13 10:26	
Bromomethane	<2.46	50.0	47.8	96	45.8	92	50-156	4	20	ug/kg	02/01/13 10:26	
Carbon disulfide	<1.46	50.0	53.0	106	47.2	94	42-150	12	20	ug/kg	02/01/13 10:26	
Carbon tetrachloride	<0.742	50.0	65.5	131	56.3	113	55-151	15	20	ug/kg	02/01/13 10:26	
Chlorobenzene	<0.579	50.0	50.3	101	48.0	96	80-111	5	20	ug/kg	02/01/13 10:26	
Chloroethane	<2.45	50.0	53.6	107	45.2	90	54-150	17	20	ug/kg	02/01/13 10:26	
Chloroform	<0.741	50.0	53.3	107	46.8	94	73-117	13	20	ug/kg	02/01/13 10:26	
Chloromethane	<2.30	50.0	44.5	89	43.8	88	40-155	2	20	ug/kg	02/01/13 10:26	
cis-1,2-Dichloroethene	<0.662	50.0	47.0	94	49.4	99	71-122	5	20	ug/kg	02/01/13 10:26	
cis-1,3-Dichloropropene	<0.539	50.0	52.0	104	50.2	100	71-129	4	20	ug/kg	02/01/13 10:26	
Cyclohexane	<0.945	50.0	55.5	111	48.0	96	53-141	14	20	ug/kg	02/01/13 10:26	
Dibromochloromethane	<0.994	50.0	57.0	114	56.5	113	68-131	1	20	ug/kg	02/01/13 10:26	
Dichlorodifluoromethane	<1.18	50.0	44.0	88	37.6	75	12-177	16	20	ug/kg	02/01/13 10:26	
Ethylbenzene	<0.565	50.0	56.4	113	52.3	105	74-131	8	20	ug/kg	02/01/13 10:26	
Isopropylbenzene	<0.759	50.0	57.9	116	52.4	105	73-126	10	20	ug/kg	02/01/13 10:26	
m,p-Xylenes	<1.21	100	112	112	103	103	78-122	8	20	ug/kg	02/01/13 10:26	
Methyl acetate	<0.946	50.0	56.7	113	59.8	120	50-150	5	20	ug/kg	02/01/13 10:26	
Methyl tert-butyl ether	<0.693	100	103	103	103	103	50-162	0	20	ug/kg	02/01/13 10:26	
Methylcyclohexane	<1.09	50.0	57.6	115	52.5	105	54-147	9	20	ug/kg	02/01/13 10:26	
Methylene chloride	<2.17	50.0	56.1	112	50.3	101	61-137	11	20	ug/kg	02/01/13 10:26	
Naphthalene	<1.30	50.0	52.1	104	54.2	108	50-151	4	20	ug/kg	02/01/13 10:26	
o-Xylene	<0.716	50.0	53.0	106	50.1	100	76-121	6	20	ug/kg	02/01/13 10:26	
Styrene	<0.742	50.0	53.3	107	52.3	105	81-117	2	20	ug/kg	02/01/13 10:26	
Tetrachloroethene	<1.04	50.0	56.9	114	50.8	102	70-127	11	20	ug/kg	02/01/13 10:26	
Toluene	<0.588	50.0	50.1	100	46.1	92	75-118	8	20	ug/kg	02/01/13 10:26	
trans-1,2-Dichloroethene	<0.780	50.0	54.3	109	47.6	95	63-137	13	20	ug/kg	02/01/13 10:26	
trans-1,3-Dichloropropene	<0.670	50.0	57.1	114	56.8	114	61-143	1	20	ug/kg	02/01/13 10:26	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013

MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	53.4	107	54.2	108	73-123	1	20	ug/kg	02/01/13 10:26	
Trichlorofluoromethane	<3.51	50.0	59.2	118	56.7	113	47-165	4	20	ug/kg	02/01/13 10:26	
Vinyl chloride	<2.01	50.0	53.6	107	42.8	86	57-139	22	20	ug/kg	02/01/13 10:26	F

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	134		112		117		50-150	%	02/01/13 10:26
4-Bromofluorobenzene	104		101		100		57-158	%	02/01/13 10:26
Toluene-D8	102		100		100		50-150	%	02/01/13 10:26

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013
MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	60	120	63	126	56-141	5	20	ug/L	02/02/13 12:34	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	52	104	64-135	6	20	ug/L	02/02/13 12:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	56	112	54	108	54-134	4	20	ug/L	02/02/13 12:34	
1,1,2-Trichloroethane	<0.88	50	47	94	52	104	73-123	10	20	ug/L	02/02/13 12:34	
1,1-Dichloroethane	<0.74	50	54	108	56	112	66-126	4	20	ug/L	02/02/13 12:34	
1,1-Dichloroethene	<0.98	50	53	106	56	112	65-129	6	20	ug/L	02/02/13 12:34	
1,2,3-Trichlorobenzene	<2.6	50	40	80	42	84	56-146	5	20	ug/L	02/02/13 12:34	
1,2,4-Trichlorobenzene	<1.3	50	38	76	41	82	62-141	8	20	ug/L	02/02/13 12:34	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	60	120	64	128	48-144	6	20	ug/L	02/02/13 12:34	
1,2-Dibromoethane (EDB)	<0.79	50	53	106	57	114	70-130	7	20	ug/L	02/02/13 12:34	
1,2-Dichlorobenzene	<0.73	50	47	94	50	100	77-123	6	20	ug/L	02/02/13 12:34	
1,2-Dichloroethane	<0.82	50	60	120	62	124	57-137	3	20	ug/L	02/02/13 12:34	
1,2-Dichloropropane	<0.81	50	46	92	49	98	74-121	6	20	ug/L	02/02/13 12:34	
1,3-Dichlorobenzene	<0.74	50	45	90	48	96	79-120	6	20	ug/L	02/02/13 12:34	
1,4-Dichlorobenzene	<0.59	50	45	90	47	94	77-119	4	20	ug/L	02/02/13 12:34	
2-Butanone (MEK)	<1.3	100	93	93	100	100	42-165	7	20	ug/L	02/02/13 12:34	
2-Hexanone	<2.5	100	94	94	100	100	46-157	6	20	ug/L	02/02/13 12:34	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	97	97	54-145	4	20	ug/L	02/02/13 12:34	
Acetone	<1.4	100	110	110	120	120	42-178	9	20	ug/L	02/02/13 12:34	
Benzene	<0.67	50	49	98	52	104	76-119	6	20	ug/L	02/02/13 12:34	
Bromochloromethane	<0.47	50	56	112	55	110	75-123	2	20	ug/L	02/02/13 12:34	
Bromodichloromethane	<0.96	50	59	118	61	122	69-131	3	20	ug/L	02/02/13 12:34	
Bromoform	<1.4	50	52	104	55	110	66-130	6	20	ug/L	02/02/13 12:34	
Bromomethane	<2.7	50	55	110	53	106	59-141	4	20	ug/L	02/02/13 12:34	
Carbon disulfide	<0.73	50	56	112	59	118	47-144	5	20	ug/L	02/02/13 12:34	
Carbon tetrachloride	<0.89	50	58	116	61	122	46-155	5	20	ug/L	02/02/13 12:34	
Chlorobenzene	<0.59	50	49	98	52	104	81-114	6	20	ug/L	02/02/13 12:34	
Chloroethane	<0.23	50	49	98	50	100	63-133	2	20	ug/L	02/02/13 12:34	
Chloroform	<1.4	50	55	110	58	116	68-127	5	20	ug/L	02/02/13 12:34	
Chloromethane	<1.2	50	41	82	44	88	43-141	7	20	ug/L	02/02/13 12:34	
cis-1,2-Dichloroethene	<0.80	50	52	104	59	118	73-124	13	20	ug/L	02/02/13 12:34	
cis-1,3-Dichloropropene	<0.76	50	51	102	54	108	72-132	6	20	ug/L	02/02/13 12:34	
Cyclohexane	<0.99	50	41	82	43	86	58-125	5	20	ug/L	02/02/13 12:34	
Dibromochloromethane	<0.79	50	59	118	63	126	69-128	7	20	ug/L	02/02/13 12:34	
Dichlorodifluoromethane	<0.73	50	49	98	50	100	24-153	2	20	ug/L	02/02/13 12:34	
Ethylbenzene	<0.66	50	50	100	52	104	78-122	4	20	ug/L	02/02/13 12:34	
Isopropylbenzene	<1.0	50	42	84	43	86	71-131	2	20	ug/L	02/02/13 12:34	
m,p-Xylenes	<1.2	100	89	89	94	94	76-124	5	20	ug/L	02/02/13 12:34	
Methyl acetate	<0.15	50	52	104	54	108	65-135	4	20	ug/L	02/02/13 12:34	
Methyl tert-butyl ether	<0.62	100	110	110	120	120	59-135	9	20	ug/L	02/02/13 12:34	
Methylcyclohexane	<0.76	50	31	62	33	66	61-125	6	20	ug/L	02/02/13 12:34	
Methylene chloride	<0.92	50	54	108	58	116	64-135	7	20	ug/L	02/02/13 12:34	
Naphthalene	<4.0	50	55	110	57	114	46-159	4	20	ug/L	02/02/13 12:34	
o-Xylene	<0.57	50	45	90	48	96	78-124	6	20	ug/L	02/02/13 12:34	
Styrene	<0.56	50	46	92	49	98	79-123	6	20	ug/L	02/02/13 12:34	
Tetrachloroethene	<1.8	50	48	96	50	100	71-125	4	20	ug/L	02/02/13 12:34	
Toluene	<0.68	50	50	100	52	104	78-118	4	20	ug/L	02/02/13 12:34	
trans-1,2-Dichloroethene	<0.73	50	52	104	56	112	71-126	7	20	ug/L	02/02/13 12:34	
trans-1,3-Dichloropropene	<0.84	50	54	108	57	114	68-131	5	20	ug/L	02/02/13 12:34	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013

MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	51	102	52	104	76-118	2	20	ug/L	02/02/13 12:34	
Trichlorofluoromethane	<0.85	50	43	86	43	86	35-153	0	20	ug/L	02/02/13 12:34	
Vinyl chloride	<0.15	50	45	90	47	94	59-129	4	20	ug/L	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		104		118		53-159	%	02/02/13 12:34
4-Bromofluorobenzene	118		110		108		30-186	%	02/02/13 12:34
Toluene-D8	100		98		96		70-130	%	02/02/13 12:34

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	45.0	90	62-139	ug/kg	01/31/13 20:55	
1,1,2,2-Tetrachloroethane	<1.19	50.0	46.7	93	67-123	ug/kg	01/31/13 20:55	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	55.2	110	37-166	ug/kg	01/31/13 20:55	
1,1,2-Trichloroethane	<0.670	50.0	47.1	94	68-123	ug/kg	01/31/13 20:55	
1,1-Dichloroethane	<0.802	50.0	43.7	87	73-121	ug/kg	01/31/13 20:55	
1,1-Dichloroethene	<1.16	50.0	57.5	115	56-137	ug/kg	01/31/13 20:55	
1,2,3-Trichlorobenzene	2.53	50.0	54.3	109	60-137	ug/kg	01/31/13 20:55	
1,2,4-Trichlorobenzene	<0.873	50.0	54.1	108	59-138	ug/kg	01/31/13 20:55	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	44.1	88	59-127	ug/kg	01/31/13 20:55	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.4	99	70-131	ug/kg	01/31/13 20:55	
1,2-Dichlorobenzene	<1.29	50.0	50.0	100	76-120	ug/kg	01/31/13 20:55	
1,2-Dichloroethane	<0.597	50.0	42.1	84	60-136	ug/kg	01/31/13 20:55	
1,2-Dichloropropane	<0.929	50.0	42.5	85	73-120	ug/kg	01/31/13 20:55	
1,3-Dichlorobenzene	<0.997	50.0	49.5	99	76-125	ug/kg	01/31/13 20:55	
1,4-Dichlorobenzene	<0.684	50.0	49.1	98	75-120	ug/kg	01/31/13 20:55	
2-Butanone (MEK)	<9.11	100	81.4	81	55-143	ug/kg	01/31/13 20:55	
2-Hexanone	<1.13	100	79.3	79	53-142	ug/kg	01/31/13 20:55	
4-Methyl-2-pentanone (MIBK)	<3.23	100	71.7	72	55-138	ug/kg	01/31/13 20:55	
Acetone	<6.88	100	85.1	85	51-165	ug/kg	01/31/13 20:55	
Benzene	<0.513	50.0	47.1	94	72-126	ug/kg	01/31/13 20:55	
Bromochloromethane	<1.01	50.0	52.6	105	79-119	ug/kg	01/31/13 20:55	
Bromodichloromethane	<0.501	50.0	45.7	91	72-126	ug/kg	01/31/13 20:55	
Bromoform	<0.959	50.0	43.5	87	62-140	ug/kg	01/31/13 20:55	
Bromomethane	<2.46	50.0	55.3	111	50-156	ug/kg	01/31/13 20:55	
Carbon disulfide	<1.46	50.0	51.5	103	42-150	ug/kg	01/31/13 20:55	
Carbon tetrachloride	<0.742	50.0	47.0	94	55-151	ug/kg	01/31/13 20:55	
Chlorobenzene	<0.579	50.0	49.9	100	80-111	ug/kg	01/31/13 20:55	
Chloroethane	<2.45	50.0	48.3	97	54-150	ug/kg	01/31/13 20:55	
Chloroform	<0.741	50.0	46.3	93	73-117	ug/kg	01/31/13 20:55	
Chloromethane	<2.30	50.0	44.6	89	40-155	ug/kg	01/31/13 20:55	
cis-1,2-Dichloroethene	<0.662	50.0	51.1	102	71-122	ug/kg	01/31/13 20:55	
cis-1,3-Dichloropropene	<0.539	50.0	45.2	90	71-129	ug/kg	01/31/13 20:55	
Cyclohexane	<0.945	50.0	64.9	130	53-141	ug/kg	01/31/13 20:55	
Dibromochloromethane	<0.994	50.0	49.5	99	68-131	ug/kg	01/31/13 20:55	
Dichlorodifluoromethane	<1.18	50.0	55.8	112	12-177	ug/kg	01/31/13 20:55	
Ethylbenzene	<0.565	50.0	48.0	96	74-131	ug/kg	01/31/13 20:55	
Isopropylbenzene	<0.759	50.0	44.9	90	73-126	ug/kg	01/31/13 20:55	
m,p-Xylenes	<1.21	100	98.9	99	78-122	ug/kg	01/31/13 20:55	
Methyl acetate	<0.946	50.0	41.6	83	50-150	ug/kg	01/31/13 20:55	
Methyl tert-butyl ether	<0.693	100	92.4	92	50-162	ug/kg	01/31/13 20:55	
Methylcyclohexane	1.13	50.0	50.2	100	54-147	ug/kg	01/31/13 20:55	
Methylene chloride	<2.17	50.0	39.8	80	61-137	ug/kg	01/31/13 20:55	
Naphthalene	2.12	50.0	55.7	111	50-151	ug/kg	01/31/13 20:55	
o-Xylene	<0.716	50.0	50.5	101	76-121	ug/kg	01/31/13 20:55	
Styrene	<0.742	50.0	50.6	101	81-117	ug/kg	01/31/13 20:55	
Tetrachloroethene	<1.04	50.0	54.7	109	70-127	ug/kg	01/31/13 20:55	
Toluene	<0.588	50.0	48.3	97	75-118	ug/kg	01/31/13 20:55	
trans-1,2-Dichloroethene	<0.780	50.0	52.2	104	63-137	ug/kg	01/31/13 20:55	
trans-1,3-Dichloropropene	<0.670	50.0	45.0	90	61-143	ug/kg	01/31/13 20:55	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	49.7	99	73-123	ug/kg	01/31/13 20:55	
Trichlorofluoromethane	<3.51	50.0	54.0	108	47-165	ug/kg	01/31/13 20:55	
Vinyl chloride	<2.01	50.0	48.4	97	57-139	ug/kg	01/31/13 20:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		84		50-150	%	01/31/13 20:55
4-Bromofluorobenzene	90		89		57-158	%	01/31/13 20:55
Toluene-D8	97		98		50-150	%	01/31/13 20:55

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013
Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.855	56.8	77.8	137	89.2	156	62-137	14	20	ug/kg	02/01/13 07:57	X
1,1,2,2-Tetrachloroethane	<1.35	56.8	70.1	123	43.6	76	64-128	47	20	ug/kg	02/01/13 07:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.26	56.8	94.3	166	91.7	160	33-177	3	20	ug/kg	02/01/13 07:57	
1,1,2-Trichloroethane	<0.761	56.8	63.1	111	52.0	91	61-130	19	20	ug/kg	02/01/13 07:57	
1,1-Dichloroethane	<0.911	56.8	71.6	126	72.8	127	65-136	2	20	ug/kg	02/01/13 07:57	X
1,1-Dichloroethene	<1.32	56.8	76.5	135	69.0	121	33-158	10	20	ug/kg	02/01/13 07:57	
1,2,3-Trichlorobenzene	<0.652	56.8	76.3	134	54.9	96	48-135	33	20	ug/kg	02/01/13 07:57	F
1,2,4-Trichlorobenzene	<0.992	56.8	67.1	118	61.1	107	43-139	9	20	ug/kg	02/01/13 07:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.84	56.8	82.1	145	42.2	74	51-130	64	20	ug/kg	02/01/13 07:57	XF
1,2-Dibromoethane (EDB)	<0.980	56.8	65.9	116	50.0	87	69-132	27	20	ug/kg	02/01/13 07:57	F
1,2-Dichlorobenzene	<1.47	56.8	63.8	112	60.0	105	71-120	6	20	ug/kg	02/01/13 07:57	
1,2-Dichloroethane	<0.678	56.8	79.4	140	64.8	113	53-140	20	20	ug/kg	02/01/13 07:57	
1,2-Dichloropropane	<1.06	56.8	50.6	89	55.7	97	68-126	10	20	ug/kg	02/01/13 07:57	
1,3-Dichlorobenzene	<1.13	56.8	62.3	110	63.8	112	68-127	2	20	ug/kg	02/01/13 07:57	
1,4-Dichlorobenzene	<0.777	56.8	66.7	117	66.6	116	72-118	0	20	ug/kg	02/01/13 07:57	
2-Butanone (MEK)	<10.3	114	134	118	65.7	58	42-147	68	20	ug/kg	02/01/13 07:57	F
2-Hexanone	<1.28	114	153	134	84.1	74	32-142	58	20	ug/kg	02/01/13 07:57	F
4-Methyl-2-pentanone (MIBK)	<3.67	114	160	140	82.7	73	34-149	64	20	ug/kg	02/01/13 07:57	F
Acetone	<7.81	114	234	205	149	131	51-165	44	20	ug/kg	02/01/13 07:57	XF
Benzene	<0.583	56.8	53.9	95	62.0	108	65-135	14	20	ug/kg	02/01/13 07:57	
Bromochloromethane	<1.14	56.8	68.8	121	54.6	95	66-137	23	20	ug/kg	02/01/13 07:57	F
Bromodichloromethane	<0.569	56.8	64.4	113	67.8	119	60-129	5	20	ug/kg	02/01/13 07:57	
Bromoform	<1.09	56.8	68.2	120	48.0	84	48-147	35	20	ug/kg	02/01/13 07:57	F
Bromomethane	<2.79	56.8	65.8	116	62.9	110	42-170	5	20	ug/kg	02/01/13 07:57	
Carbon disulfide	<1.65	56.8	73.3	129	70.3	123	40-147	4	20	ug/kg	02/01/13 07:57	
Carbon tetrachloride	<0.843	56.8	61.5	108	82.3	144	54-148	29	20	ug/kg	02/01/13 07:57	F
Chlorobenzene	<0.658	56.8	56.2	99	63.0	110	71-117	11	20	ug/kg	02/01/13 07:57	
Chloroethane	<2.78	56.8	64.4	113	64.8	113	44-166	1	20	ug/kg	02/01/13 07:57	
Chloroform	<0.842	56.8	64.7	114	72.6	127	62-127	12	20	ug/kg	02/01/13 07:57	X
Chloromethane	<2.62	56.8	65.9	116	61.4	107	34-157	7	20	ug/kg	02/01/13 07:57	
cis-1,2-Dichloroethene	<0.752	56.8	59.6	105	60.4	106	41-155	1	20	ug/kg	02/01/13 07:57	
cis-1,3-Dichloropropene	<0.612	56.8	54.1	95	58.8	103	63-128	8	20	ug/kg	02/01/13 07:57	
Cyclohexane	<1.07	56.8	58.3	103	75.0	131	53-145	25	20	ug/kg	02/01/13 07:57	F
Dibromochloromethane	<1.13	56.8	68.0	120	60.6	106	59-135	12	20	ug/kg	02/01/13 07:57	
Dichlorodifluoromethane	<1.34	56.8	66.3	117	67.3	118	16-171	1	20	ug/kg	02/01/13 07:57	
Ethylbenzene	<0.642	56.8	65.6	115	75.0	131	65-139	13	20	ug/kg	02/01/13 07:57	
Isopropylbenzene	<0.862	56.8	65.6	115	71.6	125	62-133	9	20	ug/kg	02/01/13 07:57	
m,p-Xylenes	<1.37	114	124	109	145	127	69-130	16	20	ug/kg	02/01/13 07:57	X
Methyl acetate	<1.07	56.8	110	194	68.8	120	20-170	46	20	ug/kg	02/01/13 07:57	XF
Methyl tert-butyl ether	<0.787	114	144	126	102	89	48-169	34	20	ug/kg	02/01/13 07:57	F
Methylcyclohexane	<1.24	56.8	65.0	114	89.2	156	57-149	31	20	ug/kg	02/01/13 07:57	XF
Methylene chloride	10.1	56.8	66.9	100	61.2	89	17-184	9	20	ug/kg	02/01/13 07:57	
Naphthalene	<1.48	56.8	61.6	108	41.9	73	27-157	38	20	ug/kg	02/01/13 07:57	F
o-Xylene	<0.813	56.8	57.2	101	67.5	118	71-124	17	20	ug/kg	02/01/13 07:57	
Styrene	<0.843	56.8	57.0	100	65.7	115	50-143	14	20	ug/kg	02/01/13 07:57	
Tetrachloroethene	5.50	56.8	74.3	121	80.9	132	42-156	9	20	ug/kg	02/01/13 07:57	X
Toluene	<0.668	56.8	54.4	96	65.4	114	65-128	18	20	ug/kg	02/01/13 07:57	
trans-1,2-Dichloroethene	<0.886	56.8	74.8	132	73.7	129	57-143	1	20	ug/kg	02/01/13 07:57	
trans-1,3-Dichloropropene	<0.761	56.8	65.4	115	64.5	113	55-141	1	20	ug/kg	02/01/13 07:57	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013

Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.803	56.8	62.0	109	73.0	128	39-150	16	20	ug/kg	02/01/13 07:57	X
Trichlorofluoromethane	<3.99	56.8	67.1	118	68.5	120	34-179	2	20	ug/kg	02/01/13 07:57	
Vinyl chloride	<2.28	56.8	67.4	119	75.7	132	40-161	12	20	ug/kg	02/01/13 07:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	155	**	132		50-150	%	02/01/13 07:57
4-Bromofluorobenzene	97		94		57-158	%	02/01/13 07:57
Toluene-D8	91		100		50-150	%	02/01/13 07:57

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013
Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.897	59.5	68.7	115	68.7	116	62-137	0	20	ug/kg	02/01/13 20:58	
1,1,2,2-Tetrachloroethane	<1.41	59.5	60.1	101	49.9	85	64-128	19	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.32	59.5	74.4	125	77.2	131	33-177	4	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloroethane	<0.798	59.5	56.4	95	54.6	93	61-130	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethane	<0.955	59.5	60.9	102	63.0	107	65-136	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethene	<1.38	59.5	61.0	103	62.2	105	33-158	2	20	ug/kg	02/01/13 20:58	
1,2,3-Trichlorobenzene	<0.684	59.5	53.9	91	61.4	104	48-135	13	20	ug/kg	02/01/13 20:58	
1,2,4-Trichlorobenzene	<1.04	59.5	56.4	95	64.8	110	43-139	14	20	ug/kg	02/01/13 20:58	
1,2-Dibromo-3-chloropropane (DBCP)	<1.93	59.5	61.9	104	56.2	95	51-130	10	20	ug/kg	02/01/13 20:58	
1,2-Dibromoethane (EDB)	<1.03	59.5	56.7	95	56.4	96	69-132	1	20	ug/kg	02/01/13 20:58	
1,2-Dichlorobenzene	<1.54	59.5	65.1	109	61.3	104	71-120	6	20	ug/kg	02/01/13 20:58	
1,2-Dichloroethane	<0.711	59.5	71.3	120	65.8	112	53-140	8	20	ug/kg	02/01/13 20:58	
1,2-Dichloropropane	<1.11	59.5	54.5	92	53.3	90	68-126	2	20	ug/kg	02/01/13 20:58	
1,3-Dichlorobenzene	<1.19	59.5	67.2	113	62.5	106	68-127	7	20	ug/kg	02/01/13 20:58	
1,4-Dichlorobenzene	<0.815	59.5	69.7	117	66.3	112	72-118	5	20	ug/kg	02/01/13 20:58	
2-Butanone (MEK)	<10.8	119	122	103	116	98	42-147	5	20	ug/kg	02/01/13 20:58	
2-Hexanone	<1.34	119	118	99	123	104	32-142	4	20	ug/kg	02/01/13 20:58	
4-Methyl-2-pentanone (MIBK)	<3.85	119	112	94	111	94	34-149	1	20	ug/kg	02/01/13 20:58	
Acetone	<8.19	119	143	120	139	118	51-165	3	20	ug/kg	02/01/13 20:58	
Benzene	<0.611	59.5	56.3	95	57.3	97	65-135	2	20	ug/kg	02/01/13 20:58	
Bromochloromethane	<1.20	59.5	55.6	93	59.9	102	66-137	7	20	ug/kg	02/01/13 20:58	
Bromodichloromethane	<0.597	59.5	67.1	113	65.1	110	60-129	3	20	ug/kg	02/01/13 20:58	
Bromoform	<1.14	59.5	69.6	117	61.4	104	48-147	13	20	ug/kg	02/01/13 20:58	
Bromomethane	<2.93	59.5	49.3	83	51.5	87	42-170	4	20	ug/kg	02/01/13 20:58	
Carbon disulfide	<1.73	59.5	57.5	97	59.8	101	40-147	4	20	ug/kg	02/01/13 20:58	
Carbon tetrachloride	<0.884	59.5	74.6	125	73.9	125	54-148	1	20	ug/kg	02/01/13 20:58	
Chlorobenzene	<0.690	59.5	58.6	98	59.1	100	71-117	1	20	ug/kg	02/01/13 20:58	
Chloroethane	<2.91	59.5	45.6	77	51.1	87	44-166	11	20	ug/kg	02/01/13 20:58	
Chloroform	<0.882	59.5	60.8	102	60.2	102	62-127	1	20	ug/kg	02/01/13 20:58	
Chloromethane	<2.74	59.5	37.6	63	41.8	71	34-157	11	20	ug/kg	02/01/13 20:58	
cis-1,2-Dichloroethene	<0.788	59.5	57.8	97	58.9	100	41-155	2	20	ug/kg	02/01/13 20:58	
cis-1,3-Dichloropropene	<0.642	59.5	62.8	106	62.0	105	63-128	1	20	ug/kg	02/01/13 20:58	
Cyclohexane	<1.13	59.5	61.6	104	62.3	106	53-145	1	20	ug/kg	02/01/13 20:58	
Dibromochloromethane	<1.18	59.5	66.7	112	63.6	108	59-135	5	20	ug/kg	02/01/13 20:58	
Dichlorodifluoromethane	<1.41	59.5	27.9	47	29.0	49	16-171	4	20	ug/kg	02/01/13 20:58	
Ethylbenzene	<0.673	59.5	64.8	109	65.2	111	65-139	1	20	ug/kg	02/01/13 20:58	
Isopropylbenzene	<0.904	59.5	72.1	121	64.9	110	62-133	11	20	ug/kg	02/01/13 20:58	
m,p-Xylenes	<1.44	119	128	108	127	108	69-130	1	20	ug/kg	02/01/13 20:58	
Methyl acetate	<1.13	59.5	59.7	100	57.4	97	20-170	4	20	ug/kg	02/01/13 20:58	
Methyl tert-butyl ether	<0.825	119	120	101	118	100	48-169	2	20	ug/kg	02/01/13 20:58	
Methylcyclohexane	<1.30	59.5	61.9	104	71.2	121	57-149	14	20	ug/kg	02/01/13 20:58	
Methylene chloride	7.51	59.5	57.0	83	57.9	85	17-184	2	20	ug/kg	02/01/13 20:58	
Naphthalene	<1.55	59.5	49.6	83	54.4	92	27-157	9	20	ug/kg	02/01/13 20:58	
o-Xylene	<0.853	59.5	62.3	105	61.4	104	71-124	1	20	ug/kg	02/01/13 20:58	
Styrene	<0.884	59.5	62.2	105	62.4	106	50-143	0	20	ug/kg	02/01/13 20:58	
Tetrachloroethene	10.1	59.5	104	158	116	179	42-156	11	20	ug/kg	02/01/13 20:58	X
Toluene	<0.700	59.5	57.7	97	58.7	99	65-128	2	20	ug/kg	02/01/13 20:58	
trans-1,2-Dichloroethene	<0.929	59.5	57.7	97	61.3	104	57-143	6	20	ug/kg	02/01/13 20:58	
trans-1,3-Dichloropropene	<0.798	59.5	67.6	114	65.6	111	55-141	3	20	ug/kg	02/01/13 20:58	

QC Summary 456806

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013

Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.842	59.5	63.0	106	65.9	112	39-150	4	20	ug/kg	02/01/13 20:58	
Trichlorofluoromethane	<4.18	59.5	66.9	112	69.0	117	34-179	3	20	ug/kg	02/01/13 20:58	
Vinyl chloride	<2.39	59.5	49.8	84	48.3	82	40-161	3	20	ug/kg	02/01/13 20:58	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		106		50-150	%	02/01/13 20:58
4-Bromofluorobenzene	109		100		57-158	%	02/01/13 20:58
Toluene-D8	101		101		50-150	%	02/01/13 20:58

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Cooler

Serial #: 260024 Page 1 of 1

Company-City: AEM, Inc. Phone:

Lab Only: WO# 456806

Proj Name-Location: ☐ Previously done at XENCO — ~~[illegible]~~ MRAMMER - Dehelb Project ID: 1133-1301-1

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other

Proj. Manager (PM): Leona Miles

e-Mail Results to ☒ PM or: leona-miles@aem-net.com Fax No:

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: P.O No: ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tommy Gordon Signature: Tommy Gordon

	Sample ID	Sampling Date	Time	Depth (ft) in m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP VOCs (Hold BW)	TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks
1	SB-6 (6-8 FT)	1/31/13	1318	6-8	S		X	5	4oz/4	C	O	X														
2	SB-6 (10-12 FT)	1/31/13	1320	10-12	S		X	5	4oz/4	C	O	X														
3	SB-6 (14-16 FT)	1/31/13	1322	14-16	S		X	5	4oz/4	C	O	X														
4	SB-7 (2-4 FT)	1/31/13	1340	0-2	S		X	5	40/4	C	O	X														
5	SB-7 (6-8 FT)	1/31/13	1345	6-8	S		X	5	40/4	C	O	X														
6	SB-7 (10-12 FT)	1/31/13	1350	10-12	S		X	5	40/4	C	O	X														
7	SB-7 (14-16 FT)	1/31/13	1355	14-16	S		X	5	40/4	C	O	X														
8	SB-8 (0-2 FT)	1/31/13	1420	0-2	S		X	5	4oz/4	C	O	X														
9																										
10	Trip Blank	1/31/13	—	—	W		Y	W	40	C	H	X														

Relinquished by: (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tommy Gordon	1/31/10 1606	2) [illegible]	1/31/13 16:06
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 2.4°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 01/31/2013 04:06:00 PM

Work Order #: 456806

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: J. Derek Rounsley Date: 01/31/2013

Checklist reviewed by: Eben Buchanan Date: 01/31/2013

Analytical Report 456803

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

06-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

06-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456803**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456803. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456803 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-8 (6-8FT)	S	01-31-13 14:25	6 - 8 ft	456803-001
SB-8 (10-12FT)	S	01-31-13 14:30	10 - 12 ft	456803-002
SB-8 (14-16FT)	S	01-31-13 14:35	14 - 16 ft	456803-003
SB-9 (2-4FT)	S	01-31-13 15:00	2 - 4 ft	456803-004
SB-9 (6-8FT)	S	01-31-13 15:05	6 - 8 ft	456803-005
SB-9 (10-12FT)	S	01-31-13 15:10	10 - 12 ft	456803-006
SB-9 (14-16FT)	S	01-31-13 15:15	14 - 16 ft	456803-007
SB-10 (2-4FT)	S	01-31-13 15:30	2 - 4 ft	456803-008
Trip Blank	W	01-31-13 00:00		456803-009

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-905960 VOCs by SW-846 8260B

Batch 905960, Acetone, Methyl acetate RPD was outside laboratory control limits. Samples affected are: 456803-005, -006, -002, -001, -003, -007.

Batch 905960, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis. Samples affected are: 456765-002 S,456803-003.

Batch 905960, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methyl acetate recovered above QC limits in the Matrix Spike. 1,1,1-Trichloroethane, 1,1-Dichloroethane, Chloroform, Methylcyclohexane, Tetrachloroethene, Trichloroethene, m,p-Xylenes recovered above QC limits in the Matrix Spike Duplicate. Samples affected are: 456803-005, -006, -002, -001, -003, -007. The Laboratory Control Sample for Acetone, 1,2-Dibromo-3-chloropropane (DBCP) , 1,1-Dichloroethane, Methyl acetate , Methylcyclohexane, Trichloroethene, m,p-Xylenes, Chloroform, Tetrachloroethene , 1,1,1-Trichloroethane is within laboratory Control Limits.

Batch 905960, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP) , 1,2-Dibromoethane (EDB), 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) , Acetone, Bromochloromethane, Bromoform, Carbon tetrachloride , Cyclohexane, Methyl acetate , Methyl tert-butyl ether, Methylcyclohexane, Naphthalene RPD was outside QC limits. Samples affected are: 456803-005, -006, -002, -001, -003, -007.

Batch 905960, 1,4-Dichlorobenzene recovered above QC limits in the laboratory control sample. Samples affected are: 456803-005, -006, -002, -001, -003, -007.

The responses of one or more internal standards were outside the method specified limit (low) for the MS. The parent sample and MSD internal standard responses were within the acceptable limits: 456765-002S

Hits Summary 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-9 (2-4FT)**	Matrix:	**Soil**	% Moisture:	**13.31**
Lab Sample Id:	**456803-004**	Date Collected:	**01.31.13 15.00**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	3250	ug/kg	01.31.13 23.36		50

Hits Summary 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-9 (6-8FT)**	Matrix:	**Soil**	% Moisture:	**25.03**
Lab Sample Id:	**456803-005**	Date Collected:	**01.31.13 15.05**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	39.6	ug/kg	02.01.13 01.04		1

Hits Summary 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-10 (2-4FT)**	Matrix:	**Soil**	% Moisture:	**22.6**
Lab Sample Id:	**456803-008**	Date Collected:	**01.31.13 15.30**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**01.31.13 16.06**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Date Prep: 01.31.13 19.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	903	ug/kg	02.01.13 01.23		50

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (6-8FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-001** Date Collected: 01.31.13 14.25 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.8
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,1-Dichloroethane	75-34-3	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,1-Dichloroethene	75-35-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2-Dichloroethane	107-06-2	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,2-Dichloropropane	78-87-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.77	ug/kg	01.31.13 23.41	U	1
2-Butanone (MEK)	78-93-3	BRL	57.7	ug/kg	01.31.13 23.41	U	1
2-Hexanone	591-78-6	BRL	57.7	ug/kg	01.31.13 23.41	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	57.7	ug/kg	01.31.13 23.41	U	1
Acetone	67-64-1	BRL	57.7	ug/kg	01.31.13 23.41	U	1
Benzene	71-43-2	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Bromochloromethane	74-97-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Bromodichloromethane	75-27-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Bromoform	75-25-2	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Bromomethane	74-83-9	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Carbon disulfide	75-15-0	BRL	46.2	ug/kg	01.31.13 23.41	U	1
Carbon tetrachloride	56-23-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Chlorobenzene	108-90-7	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Chloroethane	75-00-3	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Chloroform	67-66-3	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Chloromethane	74-87-3	BRL	11.5	ug/kg	01.31.13 23.41	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.77	ug/kg	01.31.13 23.41	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Cyclohexane	110-82-7	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Dibromochloromethane	124-48-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Ethylbenzene	100-41-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Isopropylbenzene	98-82-8	BRL	5.77	ug/kg	01.31.13 23.41	U	1
m,p-Xylenes	179601-23-1	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Methyl acetate	79-20-9	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Methylcyclohexane	108-87-2	BRL	5.77	ug/kg	01.31.13 23.41	U	1

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (6-8FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-001** Date Collected: 01.31.13 14.25 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.8
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.1	ug/kg	01.31.13 23.41	U	1
Naphthalene	91-20-3	BRL	5.77	ug/kg	01.31.13 23.41	U	1
o-Xylene	95-47-6	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Styrene	100-42-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Tetrachloroethene	127-18-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Toluene	108-88-3	BRL	5.77	ug/kg	01.31.13 23.41	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.77	ug/kg	01.31.13 23.41	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Trichloroethene	79-01-6	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Trichlorofluoromethane	75-69-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1
Vinyl chloride	75-01-4	BRL	5.77	ug/kg	01.31.13 23.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	134	%	50-150	01.31.13 23.41	
4-Bromofluorobenzene	460-00-4	102	%	57-158	01.31.13 23.41	
Toluene-D8	2037-26-5	100	%	50-150	01.31.13 23.41	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (10-12FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-002** Date Collected: 01.31.13 14.30 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 19.99
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.60	ug/kg	02.01.13 00.10	U	1
2-Butanone (MEK)	78-93-3	BRL	56.0	ug/kg	02.01.13 00.10	U	1
2-Hexanone	591-78-6	BRL	56.0	ug/kg	02.01.13 00.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	56.0	ug/kg	02.01.13 00.10	U	1
Acetone	67-64-1	BRL	56.0	ug/kg	02.01.13 00.10	U	1
Benzene	71-43-2	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Bromochloromethane	74-97-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Bromodichloromethane	75-27-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Bromoform	75-25-2	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Bromomethane	74-83-9	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Carbon disulfide	75-15-0	BRL	44.8	ug/kg	02.01.13 00.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Chlorobenzene	108-90-7	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Chloroethane	75-00-3	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Chloroform	67-66-3	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Chloromethane	74-87-3	BRL	11.2	ug/kg	02.01.13 00.10	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.60	ug/kg	02.01.13 00.10	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Cyclohexane	110-82-7	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Dibromochloromethane	124-48-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Ethylbenzene	100-41-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Isopropylbenzene	98-82-8	BRL	5.60	ug/kg	02.01.13 00.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Methyl acetate	79-20-9	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Methylcyclohexane	108-87-2	BRL	5.60	ug/kg	02.01.13 00.10	U	1

Certificate of Analytical Results 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (10-12FT)** Matrix: Soil Date Received: 01.31.13 16.06

Lab Sample Id: **456803-002** Date Collected: 01.31.13 14.30 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 19.99

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	22.4	ug/kg	02.01.13 00.10	U	1
Naphthalene	91-20-3	BRL	5.60	ug/kg	02.01.13 00.10	U	1
o-Xylene	95-47-6	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Styrene	100-42-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Tetrachloroethene	127-18-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Toluene	108-88-3	BRL	5.60	ug/kg	02.01.13 00.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.60	ug/kg	02.01.13 00.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Trichloroethene	79-01-6	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1
Vinyl chloride	75-01-4	BRL	5.60	ug/kg	02.01.13 00.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	138	%	50-150	02.01.13 00.10	
4-Bromofluorobenzene	460-00-4	106	%	57-158	02.01.13 00.10	
Toluene-D8	2037-26-5	102	%	50-150	02.01.13 00.10	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (14-16FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-003** Date Collected: 01.31.13 14.35 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.54
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,1-Dichloroethane	75-34-3	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,1-Dichloroethene	75-35-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2-Dichloroethane	107-06-2	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,2-Dichloropropane	78-87-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.77	ug/kg	02.01.13 00.36	U	1
2-Butanone (MEK)	78-93-3	BRL	67.7	ug/kg	02.01.13 00.36	U	1
2-Hexanone	591-78-6	BRL	67.7	ug/kg	02.01.13 00.36	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	67.7	ug/kg	02.01.13 00.36	U	1
Acetone	67-64-1	BRL	67.7	ug/kg	02.01.13 00.36	U	1
Benzene	71-43-2	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Bromochloromethane	74-97-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Bromodichloromethane	75-27-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Bromoform	75-25-2	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Bromomethane	74-83-9	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Carbon disulfide	75-15-0	BRL	54.1	ug/kg	02.01.13 00.36	U	1
Carbon tetrachloride	56-23-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Chlorobenzene	108-90-7	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Chloroethane	75-00-3	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Chloroform	67-66-3	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Chloromethane	74-87-3	BRL	13.5	ug/kg	02.01.13 00.36	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.77	ug/kg	02.01.13 00.36	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Cyclohexane	110-82-7	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Dibromochloromethane	124-48-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Ethylbenzene	100-41-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Isopropylbenzene	98-82-8	BRL	6.77	ug/kg	02.01.13 00.36	U	1
m,p-Xylenes	179601-23-1	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Methyl acetate	79-20-9	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Methylcyclohexane	108-87-2	BRL	6.77	ug/kg	02.01.13 00.36	U	1

Certificate of Analytical Results 456803

XENCO Laboratories
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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-8 (14-16FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-003** Date Collected: 01.31.13 14.35 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.54
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	27.1	ug/kg	02.01.13 00.36	U	1
Naphthalene	91-20-3	BRL	6.77	ug/kg	02.01.13 00.36	U	1
o-Xylene	95-47-6	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Styrene	100-42-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Tetrachloroethene	127-18-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Toluene	108-88-3	BRL	6.77	ug/kg	02.01.13 00.36	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.77	ug/kg	02.01.13 00.36	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Trichloroethene	79-01-6	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Trichlorofluoromethane	75-69-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1
Vinyl chloride	75-01-4	BRL	6.77	ug/kg	02.01.13 00.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	152	%	50-150	02.01.13 00.36	**
4-Bromofluorobenzene	460-00-4	108	%	57-158	02.01.13 00.36	
Toluene-D8	2037-26-5	101	%	50-150	02.01.13 00.36	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (2-4FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-004** Date Collected: 01.31.13 15.00 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 13.31
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	378	ug/kg	01.31.13 23.36	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	378	ug/kg	01.31.13 23.36	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	378	ug/kg	01.31.13 23.36	U	50
1,1,2-Trichloroethane	79-00-5	BRL	378	ug/kg	01.31.13 23.36	U	50
1,1-Dichloroethane	75-34-3	BRL	378	ug/kg	01.31.13 23.36	U	50
1,1-Dichloroethene	75-35-4	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2-Dichlorobenzene	95-50-1	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2-Dichloroethane	107-06-2	BRL	378	ug/kg	01.31.13 23.36	U	50
1,2-Dichloropropane	78-87-5	BRL	378	ug/kg	01.31.13 23.36	U	50
1,3-Dichlorobenzene	541-73-1	BRL	378	ug/kg	01.31.13 23.36	U	50
1,4-Dichlorobenzene	106-46-7	BRL	378	ug/kg	01.31.13 23.36	U	50
2-Butanone (MEK)	78-93-3	BRL	3780	ug/kg	01.31.13 23.36	U	50
2-Hexanone	591-78-6	BRL	3780	ug/kg	01.31.13 23.36	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3780	ug/kg	01.31.13 23.36	U	50
Acetone	67-64-1	BRL	3780	ug/kg	01.31.13 23.36	U	50
Benzene	71-43-2	BRL	378	ug/kg	01.31.13 23.36	U	50
Bromochloromethane	74-97-5	BRL	378	ug/kg	01.31.13 23.36	U	50
Bromodichloromethane	75-27-4	BRL	378	ug/kg	01.31.13 23.36	U	50
Bromoform	75-25-2	BRL	378	ug/kg	01.31.13 23.36	U	50
Bromomethane	74-83-9	BRL	378	ug/kg	01.31.13 23.36	U	50
Carbon disulfide	75-15-0	BRL	3030	ug/kg	01.31.13 23.36	U	50
Carbon tetrachloride	56-23-5	BRL	378	ug/kg	01.31.13 23.36	U	50
Chlorobenzene	108-90-7	BRL	378	ug/kg	01.31.13 23.36	U	50
Chloroethane	75-00-3	BRL	378	ug/kg	01.31.13 23.36	U	50
Chloroform	67-66-3	BRL	378	ug/kg	01.31.13 23.36	U	50
Chloromethane	74-87-3	BRL	757	ug/kg	01.31.13 23.36	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	378	ug/kg	01.31.13 23.36	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	378	ug/kg	01.31.13 23.36	U	50
Cyclohexane	110-82-7	BRL	378	ug/kg	01.31.13 23.36	U	50
Dibromochloromethane	124-48-1	BRL	378	ug/kg	01.31.13 23.36	U	50
Dichlorodifluoromethane	75-71-8	BRL	378	ug/kg	01.31.13 23.36	U	50
Ethylbenzene	100-41-4	BRL	378	ug/kg	01.31.13 23.36	U	50
Isopropylbenzene	98-82-8	BRL	378	ug/kg	01.31.13 23.36	U	50
m,p-Xylenes	179601-23-1	BRL	378	ug/kg	01.31.13 23.36	U	50
Methyl acetate	79-20-9	BRL	378	ug/kg	01.31.13 23.36	U	50
Methyl tert-butyl ether	1634-04-4	BRL	378	ug/kg	01.31.13 23.36	U	50
Methylcyclohexane	108-87-2	BRL	378	ug/kg	01.31.13 23.36	U	50

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (2-4FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-004** Date Collected: 01.31.13 15.00 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 13.31
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1510	ug/kg	01.31.13 23.36	U	50
Naphthalene	91-20-3	BRL	378	ug/kg	01.31.13 23.36	U	50
o-Xylene	95-47-6	BRL	378	ug/kg	01.31.13 23.36	U	50
Styrene	100-42-5	BRL	378	ug/kg	01.31.13 23.36	U	50
Tetrachloroethene	127-18-4	**3250**	378	ug/kg	01.31.13 23.36		50
Toluene	108-88-3	BRL	378	ug/kg	01.31.13 23.36	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	378	ug/kg	01.31.13 23.36	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	378	ug/kg	01.31.13 23.36	U	50
Trichloroethene	79-01-6	BRL	378	ug/kg	01.31.13 23.36	U	50
Trichlorofluoromethane	75-69-4	BRL	378	ug/kg	01.31.13 23.36	U	50
Vinyl chloride	75-01-4	BRL	378	ug/kg	01.31.13 23.36	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	83	%	50-150	01.31.13 23.36	
4-Bromofluorobenzene	460-00-4	89	%	57-158	01.31.13 23.36	
Toluene-D8	2037-26-5	99	%	50-150	01.31.13 23.36	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (6-8FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-005** Date Collected: 01.31.13 15.05 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 25.03
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,1-Dichloroethane	75-34-3	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,1-Dichloroethene	75-35-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2-Dichloroethane	107-06-2	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,2-Dichloropropane	78-87-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.41	ug/kg	02.01.13 01.04	U	1
2-Butanone (MEK)	78-93-3	BRL	64.1	ug/kg	02.01.13 01.04	U	1
2-Hexanone	591-78-6	BRL	64.1	ug/kg	02.01.13 01.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	64.1	ug/kg	02.01.13 01.04	U	1
Acetone	67-64-1	BRL	64.1	ug/kg	02.01.13 01.04	U	1
Benzene	71-43-2	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Bromochloromethane	74-97-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Bromodichloromethane	75-27-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Bromoform	75-25-2	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Bromomethane	74-83-9	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Carbon disulfide	75-15-0	BRL	51.3	ug/kg	02.01.13 01.04	U	1
Carbon tetrachloride	56-23-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Chlorobenzene	108-90-7	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Chloroethane	75-00-3	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Chloroform	67-66-3	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Chloromethane	74-87-3	BRL	12.8	ug/kg	02.01.13 01.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.41	ug/kg	02.01.13 01.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Cyclohexane	110-82-7	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Dibromochloromethane	124-48-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Ethylbenzene	100-41-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Isopropylbenzene	98-82-8	BRL	6.41	ug/kg	02.01.13 01.04	U	1
m,p-Xylenes	179601-23-1	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Methyl acetate	79-20-9	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Methylcyclohexane	108-87-2	BRL	6.41	ug/kg	02.01.13 01.04	U	1

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (6-8FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-005** Date Collected: 01.31.13 15.05 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 25.03
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	25.7	ug/kg	02.01.13 01.04	U	1
Naphthalene	91-20-3	BRL	6.41	ug/kg	02.01.13 01.04	U	1
o-Xylene	95-47-6	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Styrene	100-42-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Tetrachloroethene	127-18-4	**39.6**	6.41	ug/kg	02.01.13 01.04		1
Toluene	108-88-3	BRL	6.41	ug/kg	02.01.13 01.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.41	ug/kg	02.01.13 01.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Trichloroethene	79-01-6	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Trichlorofluoromethane	75-69-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1
Vinyl chloride	75-01-4	BRL	6.41	ug/kg	02.01.13 01.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	144	%	50-150	02.01.13 01.04	
4-Bromofluorobenzene	460-00-4	113	%	57-158	02.01.13 01.04	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 01.04	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (10-12FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-006** Date Collected: 01.31.13 15.10 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 20.7
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,1-Dichloroethane	75-34-3	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,1-Dichloroethene	75-35-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2-Dichloroethane	107-06-2	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,2-Dichloropropane	78-87-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.96	ug/kg	02.01.13 01.31	U	1
2-Butanone (MEK)	78-93-3	BRL	59.6	ug/kg	02.01.13 01.31	U	1
2-Hexanone	591-78-6	BRL	59.6	ug/kg	02.01.13 01.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	59.6	ug/kg	02.01.13 01.31	U	1
Acetone	67-64-1	BRL	59.6	ug/kg	02.01.13 01.31	U	1
Benzene	71-43-2	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Bromochloromethane	74-97-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Bromodichloromethane	75-27-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Bromoform	75-25-2	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Bromomethane	74-83-9	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Carbon disulfide	75-15-0	BRL	47.7	ug/kg	02.01.13 01.31	U	1
Carbon tetrachloride	56-23-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Chlorobenzene	108-90-7	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Chloroethane	75-00-3	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Chloroform	67-66-3	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Chloromethane	74-87-3	BRL	11.9	ug/kg	02.01.13 01.31	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.96	ug/kg	02.01.13 01.31	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Cyclohexane	110-82-7	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Dibromochloromethane	124-48-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Ethylbenzene	100-41-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Isopropylbenzene	98-82-8	BRL	5.96	ug/kg	02.01.13 01.31	U	1
m,p-Xylenes	179601-23-1	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Methyl acetate	79-20-9	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Methylcyclohexane	108-87-2	BRL	5.96	ug/kg	02.01.13 01.31	U	1

Certificate of Analytical Results 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (10-12FT)** Matrix: Soil Date Received: 01.31.13 16.06

Lab Sample Id: **456803-006** Date Collected: 01.31.13 15.10 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 20.7

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.8	ug/kg	02.01.13 01.31	U	1
Naphthalene	91-20-3	BRL	5.96	ug/kg	02.01.13 01.31	U	1
o-Xylene	95-47-6	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Styrene	100-42-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Tetrachloroethene	127-18-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Toluene	108-88-3	BRL	5.96	ug/kg	02.01.13 01.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.96	ug/kg	02.01.13 01.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Trichloroethene	79-01-6	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Trichlorofluoromethane	75-69-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1
Vinyl chloride	75-01-4	BRL	5.96	ug/kg	02.01.13 01.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	148	%	50-150	02.01.13 01.31	
4-Bromofluorobenzene	460-00-4	107	%	57-158	02.01.13 01.31	
Toluene-D8	2037-26-5	98	%	50-150	02.01.13 01.31	

Certificate of Analytical Results 456803

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (14-16FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-007** Date Collected: 01.31.13 15.15 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 23.38
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,1,2-Trichloroethane	79-00-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,1-Dichloroethane	75-34-3	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,1-Dichloroethene	75-35-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2-Dichlorobenzene	95-50-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2-Dichloroethane	107-06-2	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,2-Dichloropropane	78-87-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,3-Dichlorobenzene	541-73-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
1,4-Dichlorobenzene	106-46-7	BRL	7.17	ug/kg	02.01.13 01.56	U	1
2-Butanone (MEK)	78-93-3	BRL	71.7	ug/kg	02.01.13 01.56	U	1
2-Hexanone	591-78-6	BRL	71.7	ug/kg	02.01.13 01.56	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	71.7	ug/kg	02.01.13 01.56	U	1
Acetone	67-64-1	BRL	71.7	ug/kg	02.01.13 01.56	U	1
Benzene	71-43-2	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Bromochloromethane	74-97-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Bromodichloromethane	75-27-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Bromoform	75-25-2	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Bromomethane	74-83-9	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Carbon disulfide	75-15-0	BRL	57.4	ug/kg	02.01.13 01.56	U	1
Carbon tetrachloride	56-23-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Chlorobenzene	108-90-7	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Chloroethane	75-00-3	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Chloroform	67-66-3	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Chloromethane	74-87-3	BRL	14.3	ug/kg	02.01.13 01.56	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	7.17	ug/kg	02.01.13 01.56	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Cyclohexane	110-82-7	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Dibromochloromethane	124-48-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Dichlorodifluoromethane	75-71-8	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Ethylbenzene	100-41-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Isopropylbenzene	98-82-8	BRL	7.17	ug/kg	02.01.13 01.56	U	1
m,p-Xylenes	179601-23-1	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Methyl acetate	79-20-9	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Methyl tert-butyl ether	1634-04-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Methylcyclohexane	108-87-2	BRL	7.17	ug/kg	02.01.13 01.56	U	1

Certificate of Analytical Results 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-9 (14-16FT)** Matrix: Soil Date Received: 01.31.13 16.06

Lab Sample Id: **456803-007** Date Collected: 01.31.13 15.15 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: TIMWEL % Moisture: 23.38

Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight

Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	28.7	ug/kg	02.01.13 01.56	U	1
Naphthalene	91-20-3	BRL	7.17	ug/kg	02.01.13 01.56	U	1
o-Xylene	95-47-6	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Styrene	100-42-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Tetrachloroethene	127-18-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Toluene	108-88-3	BRL	7.17	ug/kg	02.01.13 01.56	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	7.17	ug/kg	02.01.13 01.56	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Trichloroethene	79-01-6	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Trichlorofluoromethane	75-69-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1
Vinyl chloride	75-01-4	BRL	7.17	ug/kg	02.01.13 01.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	150	%	50-150	02.01.13 01.56	
4-Bromofluorobenzene	460-00-4	101	%	57-158	02.01.13 01.56	
Toluene-D8	2037-26-5	98	%	50-150	02.01.13 01.56	

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (2-4FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-008** Date Collected: 01.31.13 15.30 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.6
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	258	ug/kg	02.01.13 01.23	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	258	ug/kg	02.01.13 01.23	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	258	ug/kg	02.01.13 01.23	U	50
1,1,2-Trichloroethane	79-00-5	BRL	258	ug/kg	02.01.13 01.23	U	50
1,1-Dichloroethane	75-34-3	BRL	258	ug/kg	02.01.13 01.23	U	50
1,1-Dichloroethene	75-35-4	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2-Dichlorobenzene	95-50-1	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2-Dichloroethane	107-06-2	BRL	258	ug/kg	02.01.13 01.23	U	50
1,2-Dichloropropane	78-87-5	BRL	258	ug/kg	02.01.13 01.23	U	50
1,3-Dichlorobenzene	541-73-1	BRL	258	ug/kg	02.01.13 01.23	U	50
1,4-Dichlorobenzene	106-46-7	BRL	258	ug/kg	02.01.13 01.23	U	50
2-Butanone (MEK)	78-93-3	BRL	2580	ug/kg	02.01.13 01.23	U	50
2-Hexanone	591-78-6	BRL	2580	ug/kg	02.01.13 01.23	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2580	ug/kg	02.01.13 01.23	U	50
Acetone	67-64-1	BRL	2580	ug/kg	02.01.13 01.23	U	50
Benzene	71-43-2	BRL	258	ug/kg	02.01.13 01.23	U	50
Bromochloromethane	74-97-5	BRL	258	ug/kg	02.01.13 01.23	U	50
Bromodichloromethane	75-27-4	BRL	258	ug/kg	02.01.13 01.23	U	50
Bromoform	75-25-2	BRL	258	ug/kg	02.01.13 01.23	U	50
Bromomethane	74-83-9	BRL	258	ug/kg	02.01.13 01.23	U	50
Carbon disulfide	75-15-0	BRL	2060	ug/kg	02.01.13 01.23	U	50
Carbon tetrachloride	56-23-5	BRL	258	ug/kg	02.01.13 01.23	U	50
Chlorobenzene	108-90-7	BRL	258	ug/kg	02.01.13 01.23	U	50
Chloroethane	75-00-3	BRL	258	ug/kg	02.01.13 01.23	U	50
Chloroform	67-66-3	BRL	258	ug/kg	02.01.13 01.23	U	50
Chloromethane	74-87-3	BRL	515	ug/kg	02.01.13 01.23	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	258	ug/kg	02.01.13 01.23	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	258	ug/kg	02.01.13 01.23	U	50
Cyclohexane	110-82-7	BRL	258	ug/kg	02.01.13 01.23	U	50
Dibromochloromethane	124-48-1	BRL	258	ug/kg	02.01.13 01.23	U	50
Dichlorodifluoromethane	75-71-8	BRL	258	ug/kg	02.01.13 01.23	U	50
Ethylbenzene	100-41-4	BRL	258	ug/kg	02.01.13 01.23	U	50
Isopropylbenzene	98-82-8	BRL	258	ug/kg	02.01.13 01.23	U	50
m,p-Xylenes	179601-23-1	BRL	258	ug/kg	02.01.13 01.23	U	50
Methyl acetate	79-20-9	BRL	258	ug/kg	02.01.13 01.23	U	50
Methyl tert-butyl ether	1634-04-4	BRL	258	ug/kg	02.01.13 01.23	U	50
Methylcyclohexane	108-87-2	BRL	258	ug/kg	02.01.13 01.23	U	50

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (2-4FT)** Matrix: Soil Date Received: 01.31.13 16.06
Lab Sample Id: **456803-008** Date Collected: 01.31.13 15.30 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 22.6
Analyst: TIMWEL Date Prep: 01.31.13 19.30 Basis: Dry Weight
Seq Number: 905954

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1030	ug/kg	02.01.13 01.23	U	50
Naphthalene	91-20-3	BRL	258	ug/kg	02.01.13 01.23	U	50
o-Xylene	95-47-6	BRL	258	ug/kg	02.01.13 01.23	U	50
Styrene	100-42-5	BRL	258	ug/kg	02.01.13 01.23	U	50
Tetrachloroethene	127-18-4	**903**	258	ug/kg	02.01.13 01.23		50
Toluene	108-88-3	BRL	258	ug/kg	02.01.13 01.23	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	258	ug/kg	02.01.13 01.23	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	258	ug/kg	02.01.13 01.23	U	50
Trichloroethene	79-01-6	BRL	258	ug/kg	02.01.13 01.23	U	50
Trichlorofluoromethane	75-69-4	BRL	258	ug/kg	02.01.13 01.23	U	50
Vinyl chloride	75-01-4	BRL	258	ug/kg	02.01.13 01.23	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	80	%	50-150	02.01.13 01.23	
4-Bromofluorobenzene	460-00-4	101	%	57-158	02.01.13 01.23	
Toluene-D8	2037-26-5	98	%	50-150	02.01.13 01.23	

Certificate of Analytical Results 456803

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 16.06
Lab Sample Id: **456803-009** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: BAT % Moisture:
Analyst: MLA Date Prep: 02.05.13 09.51
Seq Number: 906316

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.05.13 19.04	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.05.13 19.04	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.05.13 19.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.05.13 19.04	U	1
Acetone	67-64-1	BRL	50	ug/L	02.05.13 19.04	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.05.13 19.04	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.05.13 19.04	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.05.13 19.04	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.05.13 19.04	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.05.13 19.04	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.05.13 19.04	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.05.13 19.04	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.05.13 19.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.05.13 19.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.05.13 19.04	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.05.13 19.04	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.05.13 19.04	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.05.13 19.04	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.05.13 19.04	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.05.13 19.04	U	1

Certificate of Analytical Results 456803

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 16.06

Lab Sample Id: **456803-009** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: BAT % Moisture:

Analyst: MLA Date Prep: 02.05.13 09.51

Seq Number: 906316

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.05.13 19.04	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.05.13 19.04	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.05.13 19.04	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.05.13 19.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.05.13 19.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.05.13 19.04	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.05.13 19.04	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.05.13 19.04	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.05.13 19.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	02.05.13 19.04	
4-Bromofluorobenzene	460-00-4	106	%	30-186	02.05.13 19.04	
Toluene-D8	2037-26-5	100	%	70-130	02.05.13 19.04	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	61.7	123	57.9	116	62-139	6	20	ug/kg	01/31/13 21:11	
1,1,2,2-Tetrachloroethane	<1.19	50.0	54.0	108	51.8	104	67-123	4	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	68.0	136	59.1	118	37-166	14	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	51.1	102	68-123	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethane	<0.802	50.0	56.9	114	54.7	109	73-121	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethene	<1.16	50.0	55.7	111	53.1	106	56-137	5	20	ug/kg	01/31/13 21:11	
1,2,3-Trichlorobenzene	<0.574	50.0	58.9	118	55.8	112	60-137	5	20	ug/kg	01/31/13 21:11	
1,2,4-Trichlorobenzene	<0.873	50.0	58.5	117	54.8	110	59-138	7	20	ug/kg	01/31/13 21:11	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	57.0	114	55.8	112	59-127	2	20	ug/kg	01/31/13 21:11	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.2	108	53.1	106	70-131	2	20	ug/kg	01/31/13 21:11	
1,2-Dichlorobenzene	<1.29	50.0	57.5	115	54.6	109	76-120	5	20	ug/kg	01/31/13 21:11	
1,2-Dichloroethane	<0.597	50.0	62.2	124	61.2	122	60-136	2	20	ug/kg	01/31/13 21:11	
1,2-Dichloropropane	<0.929	50.0	48.1	96	48.6	97	73-120	1	20	ug/kg	01/31/13 21:11	
1,3-Dichlorobenzene	<0.997	50.0	56.5	113	53.4	107	76-125	6	20	ug/kg	01/31/13 21:11	
1,4-Dichlorobenzene	<0.684	50.0	61.0	122	55.9	112	75-120	9	20	ug/kg	01/31/13 21:11	H
2-Butanone (MEK)	<9.11	100	122	122	122	122	55-143	0	20	ug/kg	01/31/13 21:11	
2-Hexanone	<1.13	100	126	126	131	131	53-142	4	20	ug/kg	01/31/13 21:11	
4-Methyl-2-pentanone (MIBK)	<3.23	100	111	111	114	114	55-138	3	20	ug/kg	01/31/13 21:11	
Acetone	<6.88	100	88.8	89	115	115	51-165	26	20	ug/kg	01/31/13 21:11	F
Benzene	<0.513	50.0	51.7	103	50.0	100	72-126	3	20	ug/kg	01/31/13 21:11	
Bromochloromethane	<1.01	50.0	53.8	108	54.8	110	79-119	2	20	ug/kg	01/31/13 21:11	
Bromodichloromethane	<0.501	50.0	59.4	119	57.1	114	72-126	4	20	ug/kg	01/31/13 21:11	
Bromoform	<0.959	50.0	59.4	119	56.2	112	62-140	6	20	ug/kg	01/31/13 21:11	
Bromomethane	<2.46	50.0	48.6	97	44.8	90	50-156	8	20	ug/kg	01/31/13 21:11	
Carbon disulfide	<1.46	50.0	54.9	110	50.1	100	42-150	9	20	ug/kg	01/31/13 21:11	
Carbon tetrachloride	<0.742	50.0	67.5	135	61.7	123	55-151	9	20	ug/kg	01/31/13 21:11	
Chlorobenzene	<0.579	50.0	53.7	107	51.1	102	80-111	5	20	ug/kg	01/31/13 21:11	
Chloroethane	<2.45	50.0	49.4	99	43.8	88	54-150	12	20	ug/kg	01/31/13 21:11	
Chloroform	<0.741	50.0	54.0	108	55.0	110	73-117	2	20	ug/kg	01/31/13 21:11	
Chloromethane	<2.30	50.0	39.4	79	38.1	76	40-155	3	20	ug/kg	01/31/13 21:11	
cis-1,2-Dichloroethene	<0.662	50.0	52.5	105	51.2	102	71-122	3	20	ug/kg	01/31/13 21:11	
cis-1,3-Dichloropropene	<0.539	50.0	56.2	112	54.4	109	71-129	3	20	ug/kg	01/31/13 21:11	
Cyclohexane	<0.945	50.0	56.0	112	51.3	103	53-141	9	20	ug/kg	01/31/13 21:11	
Dibromochloromethane	<0.994	50.0	60.8	122	59.8	120	68-131	2	20	ug/kg	01/31/13 21:11	
Dichlorodifluoromethane	<1.18	50.0	28.5	57	24.2	48	12-177	16	20	ug/kg	01/31/13 21:11	
Ethylbenzene	<0.565	50.0	58.0	116	54.9	110	74-131	5	20	ug/kg	01/31/13 21:11	
Isopropylbenzene	<0.759	50.0	60.1	120	54.1	108	73-126	11	20	ug/kg	01/31/13 21:11	
m,p-Xylenes	<1.21	100	115	115	111	111	78-122	4	20	ug/kg	01/31/13 21:11	
Methyl acetate	<0.946	50.0	59.7	119	41.7	83	50-150	36	20	ug/kg	01/31/13 21:11	F
Methyl tert-butyl ether	<0.693	100	113	113	110	110	50-162	3	20	ug/kg	01/31/13 21:11	
Methylcyclohexane	<1.09	50.0	57.6	115	53.0	106	54-147	8	20	ug/kg	01/31/13 21:11	
Methylene chloride	<2.17	50.0	53.8	108	51.9	104	61-137	4	20	ug/kg	01/31/13 21:11	
Naphthalene	<1.30	50.0	50.5	101	52.2	104	50-151	3	20	ug/kg	01/31/13 21:11	
o-Xylene	<0.716	50.0	56.3	113	53.6	107	76-121	5	20	ug/kg	01/31/13 21:11	
Styrene	<0.742	50.0	57.2	114	55.9	112	81-117	2	20	ug/kg	01/31/13 21:11	
Tetrachloroethene	<1.04	50.0	57.5	115	54.7	109	70-127	5	20	ug/kg	01/31/13 21:11	
Toluene	<0.588	50.0	52.0	104	50.9	102	75-118	2	20	ug/kg	01/31/13 21:11	
trans-1,2-Dichloroethene	<0.780	50.0	56.0	112	54.1	108	63-137	3	20	ug/kg	01/31/13 21:11	
trans-1,3-Dichloropropene	<0.670	50.0	60.3	121	59.8	120	61-143	1	20	ug/kg	01/31/13 21:11	

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	56.0	112	55.1	110	73-123	2	20	ug/kg	01/31/13 21:11	
Trichlorofluoromethane	<3.51	50.0	43.2	86	40.2	80	47-165	7	20	ug/kg	01/31/13 21:11	
Vinyl chloride	<2.01	50.0	43.8	88	42.0	84	57-139	4	20	ug/kg	01/31/13 21:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	126		128		107		50-150	%	01/31/13 21:11
4-Bromofluorobenzene	103		101		100		57-158	%	01/31/13 21:11
Toluene-D8	101		100		100		50-150	%	01/31/13 21:11

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	45.0	90	62-139	ug/kg	01/31/13 20:55	
1,1,2,2-Tetrachloroethane	<1.19	50.0	46.7	93	67-123	ug/kg	01/31/13 20:55	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	55.2	110	37-166	ug/kg	01/31/13 20:55	
1,1,2-Trichloroethane	<0.670	50.0	47.1	94	68-123	ug/kg	01/31/13 20:55	
1,1-Dichloroethane	<0.802	50.0	43.7	87	73-121	ug/kg	01/31/13 20:55	
1,1-Dichloroethene	<1.16	50.0	57.5	115	56-137	ug/kg	01/31/13 20:55	
1,2,3-Trichlorobenzene	2.53	50.0	54.3	109	60-137	ug/kg	01/31/13 20:55	
1,2,4-Trichlorobenzene	<0.873	50.0	54.1	108	59-138	ug/kg	01/31/13 20:55	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	44.1	88	59-127	ug/kg	01/31/13 20:55	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.4	99	70-131	ug/kg	01/31/13 20:55	
1,2-Dichlorobenzene	<1.29	50.0	50.0	100	76-120	ug/kg	01/31/13 20:55	
1,2-Dichloroethane	<0.597	50.0	42.1	84	60-136	ug/kg	01/31/13 20:55	
1,2-Dichloropropane	<0.929	50.0	42.5	85	73-120	ug/kg	01/31/13 20:55	
1,3-Dichlorobenzene	<0.997	50.0	49.5	99	76-125	ug/kg	01/31/13 20:55	
1,4-Dichlorobenzene	<0.684	50.0	49.1	98	75-120	ug/kg	01/31/13 20:55	
2-Butanone (MEK)	<9.11	100	81.4	81	55-143	ug/kg	01/31/13 20:55	
2-Hexanone	<1.13	100	79.3	79	53-142	ug/kg	01/31/13 20:55	
4-Methyl-2-pentanone (MIBK)	<3.23	100	71.7	72	55-138	ug/kg	01/31/13 20:55	
Acetone	<6.88	100	85.1	85	51-165	ug/kg	01/31/13 20:55	
Benzene	<0.513	50.0	47.1	94	72-126	ug/kg	01/31/13 20:55	
Bromochloromethane	<1.01	50.0	52.6	105	79-119	ug/kg	01/31/13 20:55	
Bromodichloromethane	<0.501	50.0	45.7	91	72-126	ug/kg	01/31/13 20:55	
Bromoform	<0.959	50.0	43.5	87	62-140	ug/kg	01/31/13 20:55	
Bromomethane	<2.46	50.0	55.3	111	50-156	ug/kg	01/31/13 20:55	
Carbon disulfide	<1.46	50.0	51.5	103	42-150	ug/kg	01/31/13 20:55	
Carbon tetrachloride	<0.742	50.0	47.0	94	55-151	ug/kg	01/31/13 20:55	
Chlorobenzene	<0.579	50.0	49.9	100	80-111	ug/kg	01/31/13 20:55	
Chloroethane	<2.45	50.0	48.3	97	54-150	ug/kg	01/31/13 20:55	
Chloroform	<0.741	50.0	46.3	93	73-117	ug/kg	01/31/13 20:55	
Chloromethane	<2.30	50.0	44.6	89	40-155	ug/kg	01/31/13 20:55	
cis-1,2-Dichloroethene	<0.662	50.0	51.1	102	71-122	ug/kg	01/31/13 20:55	
cis-1,3-Dichloropropene	<0.539	50.0	45.2	90	71-129	ug/kg	01/31/13 20:55	
Cyclohexane	<0.945	50.0	64.9	130	53-141	ug/kg	01/31/13 20:55	
Dibromochloromethane	<0.994	50.0	49.5	99	68-131	ug/kg	01/31/13 20:55	
Dichlorodifluoromethane	<1.18	50.0	55.8	112	12-177	ug/kg	01/31/13 20:55	
Ethylbenzene	<0.565	50.0	48.0	96	74-131	ug/kg	01/31/13 20:55	
Isopropylbenzene	<0.759	50.0	44.9	90	73-126	ug/kg	01/31/13 20:55	
m,p-Xylenes	<1.21	100	98.9	99	78-122	ug/kg	01/31/13 20:55	
Methyl acetate	<0.946	50.0	41.6	83	50-150	ug/kg	01/31/13 20:55	
Methyl tert-butyl ether	<0.693	100	92.4	92	50-162	ug/kg	01/31/13 20:55	
Methylcyclohexane	1.13	50.0	50.2	100	54-147	ug/kg	01/31/13 20:55	
Methylene chloride	<2.17	50.0	39.8	80	61-137	ug/kg	01/31/13 20:55	
Naphthalene	2.12	50.0	55.7	111	50-151	ug/kg	01/31/13 20:55	
o-Xylene	<0.716	50.0	50.5	101	76-121	ug/kg	01/31/13 20:55	
Styrene	<0.742	50.0	50.6	101	81-117	ug/kg	01/31/13 20:55	
Tetrachloroethene	<1.04	50.0	54.7	109	70-127	ug/kg	01/31/13 20:55	
Toluene	<0.588	50.0	48.3	97	75-118	ug/kg	01/31/13 20:55	
trans-1,2-Dichloroethene	<0.780	50.0	52.2	104	63-137	ug/kg	01/31/13 20:55	
trans-1,3-Dichloropropene	<0.670	50.0	45.0	90	61-143	ug/kg	01/31/13 20:55	

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905954 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633193-1-BLK LCS Sample Id: 633193-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	49.7	99	73-123	ug/kg	01/31/13 20:55	
Trichlorofluoromethane	<3.51	50.0	54.0	108	47-165	ug/kg	01/31/13 20:55	
Vinyl chloride	<2.01	50.0	48.4	97	57-139	ug/kg	01/31/13 20:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		84		50-150	%	01/31/13 20:55
4-Bromofluorobenzene	90		89		57-158	%	01/31/13 20:55
Toluene-D8	97		98		50-150	%	01/31/13 20:55

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906316 Matrix: Water Date Prep: 02/05/2013
MB Sample Id: 633404-1-BLK LCS Sample Id: 633404-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	49	98	56-141	ug/L	02/05/13 15:05	
1,1,2,2-Tetrachloroethane	<2.0	50	50	100	64-135	ug/L	02/05/13 15:05	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	47	94	54-134	ug/L	02/05/13 15:05	
1,1,2-Trichloroethane	<0.88	50	51	102	73-123	ug/L	02/05/13 15:05	
1,1-Dichloroethane	<0.74	50	48	96	66-126	ug/L	02/05/13 15:05	
1,1-Dichloroethene	<0.98	50	48	96	65-129	ug/L	02/05/13 15:05	
1,2,3-Trichlorobenzene	<2.6	50	53	106	56-146	ug/L	02/05/13 15:05	
1,2,4-Trichlorobenzene	<1.3	50	54	108	62-141	ug/L	02/05/13 15:05	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	49	98	48-144	ug/L	02/05/13 15:05	
1,2-Dibromoethane (EDB)	<0.79	50	51	102	70-130	ug/L	02/05/13 15:05	
1,2-Dichlorobenzene	<0.73	50	51	102	77-123	ug/L	02/05/13 15:05	
1,2-Dichloroethane	<0.82	50	50	100	57-137	ug/L	02/05/13 15:05	
1,2-Dichloropropane	<0.81	50	49	98	74-121	ug/L	02/05/13 15:05	
1,3-Dichlorobenzene	<0.74	50	51	102	79-120	ug/L	02/05/13 15:05	
1,4-Dichlorobenzene	<0.59	50	51	102	77-119	ug/L	02/05/13 15:05	
2-Butanone (MEK)	<1.3	100	99	99	42-165	ug/L	02/05/13 15:05	
2-Hexanone	<2.5	100	98	98	46-157	ug/L	02/05/13 15:05	
4-Methyl-2-pentanone (MIBK)	<2.2	100	99	99	54-145	ug/L	02/05/13 15:05	
Acetone	<1.4	100	86	86	42-178	ug/L	02/05/13 15:05	
Benzene	<0.67	50	50	100	76-119	ug/L	02/05/13 15:05	
Bromochloromethane	<0.47	50	50	100	75-123	ug/L	02/05/13 15:05	
Bromodichloromethane	<0.96	50	50	100	69-131	ug/L	02/05/13 15:05	
Bromoform	<1.4	50	53	106	66-130	ug/L	02/05/13 15:05	
Bromomethane	<2.7	50	52	104	59-141	ug/L	02/05/13 15:05	
Carbon disulfide	<0.73	50	50	100	47-144	ug/L	02/05/13 15:05	
Carbon tetrachloride	<0.89	50	50	100	46-155	ug/L	02/05/13 15:05	
Chlorobenzene	<0.59	50	52	104	81-114	ug/L	02/05/13 15:05	
Chloroethane	<0.23	50	52	104	63-133	ug/L	02/05/13 15:05	
Chloroform	<1.4	50	49	98	68-127	ug/L	02/05/13 15:05	
Chloromethane	<1.2	50	52	104	43-141	ug/L	02/05/13 15:05	
cis-1,2-Dichloroethene	<0.80	50	48	96	73-124	ug/L	02/05/13 15:05	
cis-1,3-Dichloropropene	<0.76	50	51	102	72-132	ug/L	02/05/13 15:05	
Cyclohexane	<0.99	50	49	98	58-125	ug/L	02/05/13 15:05	
Dibromochloromethane	<0.79	50	51	102	69-128	ug/L	02/05/13 15:05	
Dichlorodifluoromethane	<0.73	50	47	94	24-153	ug/L	02/05/13 15:05	
Ethylbenzene	<0.66	50	52	104	78-122	ug/L	02/05/13 15:05	
Isopropylbenzene	<1.0	50	52	104	71-131	ug/L	02/05/13 15:05	
m,p-Xylenes	<1.2	100	100	100	76-124	ug/L	02/05/13 15:05	
Methyl acetate	<0.15	50	50	100	65-135	ug/L	02/05/13 15:05	
Methyl tert-butyl ether	<0.62	100	100	100	59-135	ug/L	02/05/13 15:05	
Methylcyclohexane	<0.76	50	49	98	61-125	ug/L	02/05/13 15:05	
Methylene chloride	<0.92	50	47	94	64-135	ug/L	02/05/13 15:05	
Naphthalene	<4.0	50	52	104	46-159	ug/L	02/05/13 15:05	
o-Xylene	<0.57	50	51	102	78-124	ug/L	02/05/13 15:05	
Styrene	<0.56	50	52	104	79-123	ug/L	02/05/13 15:05	
Tetrachloroethene	<1.8	50	52	104	71-125	ug/L	02/05/13 15:05	
Toluene	<0.68	50	51	102	78-118	ug/L	02/05/13 15:05	
trans-1,2-Dichloroethene	<0.73	50	50	100	71-126	ug/L	02/05/13 15:05	
trans-1,3-Dichloropropene	<0.84	50	51	102	68-131	ug/L	02/05/13 15:05	

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 906316 Matrix: Water Date Prep: 02/05/2013

MB Sample Id: 633404-1-BLK LCS Sample Id: 633404-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	48	96	76-118	ug/L	02/05/13 15:05	
Trichlorofluoromethane	<0.85	50	51	102	35-153	ug/L	02/05/13 15:05	
Vinyl chloride	<0.15	50	50	100	59-129	ug/L	02/05/13 15:05	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		98		53-159	%	02/05/13 15:05
4-Bromofluorobenzene	102		102		30-186	%	02/05/13 15:05
Toluene-D8	100		100		70-130	%	02/05/13 15:05

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013
Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.855	56.8	77.8	137	89.2	156	62-137	14	20	ug/kg	02/01/13 07:57	X
1,1,2,2-Tetrachloroethane	<1.35	56.8	70.1	123	43.6	76	64-128	47	20	ug/kg	02/01/13 07:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.26	56.8	94.3	166	91.7	160	33-177	3	20	ug/kg	02/01/13 07:57	
1,1,2-Trichloroethane	<0.761	56.8	63.1	111	52.0	91	61-130	19	20	ug/kg	02/01/13 07:57	
1,1-Dichloroethane	<0.911	56.8	71.6	126	72.8	127	65-136	2	20	ug/kg	02/01/13 07:57	X
1,1-Dichloroethene	<1.32	56.8	76.5	135	69.0	121	33-158	10	20	ug/kg	02/01/13 07:57	
1,2,3-Trichlorobenzene	<0.652	56.8	76.3	134	54.9	96	48-135	33	20	ug/kg	02/01/13 07:57	F
1,2,4-Trichlorobenzene	<0.992	56.8	67.1	118	61.1	107	43-139	9	20	ug/kg	02/01/13 07:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.84	56.8	82.1	145	42.2	74	51-130	64	20	ug/kg	02/01/13 07:57	XF
1,2-Dibromoethane (EDB)	<0.980	56.8	65.9	116	50.0	87	69-132	27	20	ug/kg	02/01/13 07:57	F
1,2-Dichlorobenzene	<1.47	56.8	63.8	112	60.0	105	71-120	6	20	ug/kg	02/01/13 07:57	
1,2-Dichloroethane	<0.678	56.8	79.4	140	64.8	113	53-140	20	20	ug/kg	02/01/13 07:57	
1,2-Dichloropropane	<1.06	56.8	50.6	89	55.7	97	68-126	10	20	ug/kg	02/01/13 07:57	
1,3-Dichlorobenzene	<1.13	56.8	62.3	110	63.8	112	68-127	2	20	ug/kg	02/01/13 07:57	
1,4-Dichlorobenzene	<0.777	56.8	66.7	117	66.6	116	72-118	0	20	ug/kg	02/01/13 07:57	
2-Butanone (MEK)	<10.3	114	134	118	65.7	58	42-147	68	20	ug/kg	02/01/13 07:57	F
2-Hexanone	<1.28	114	153	134	84.1	74	32-142	58	20	ug/kg	02/01/13 07:57	F
4-Methyl-2-pentanone (MIBK)	<3.67	114	160	140	82.7	73	34-149	64	20	ug/kg	02/01/13 07:57	F
Acetone	<7.81	114	234	205	149	131	51-165	44	20	ug/kg	02/01/13 07:57	XF
Benzene	<0.583	56.8	53.9	95	62.0	108	65-135	14	20	ug/kg	02/01/13 07:57	
Bromochloromethane	<1.14	56.8	68.8	121	54.6	95	66-137	23	20	ug/kg	02/01/13 07:57	F
Bromodichloromethane	<0.569	56.8	64.4	113	67.8	119	60-129	5	20	ug/kg	02/01/13 07:57	
Bromoform	<1.09	56.8	68.2	120	48.0	84	48-147	35	20	ug/kg	02/01/13 07:57	F
Bromomethane	<2.79	56.8	65.8	116	62.9	110	42-170	5	20	ug/kg	02/01/13 07:57	
Carbon disulfide	<1.65	56.8	73.3	129	70.3	123	40-147	4	20	ug/kg	02/01/13 07:57	
Carbon tetrachloride	<0.843	56.8	61.5	108	82.3	144	54-148	29	20	ug/kg	02/01/13 07:57	F
Chlorobenzene	<0.658	56.8	56.2	99	63.0	110	71-117	11	20	ug/kg	02/01/13 07:57	
Chloroethane	<2.78	56.8	64.4	113	64.8	113	44-166	1	20	ug/kg	02/01/13 07:57	
Chloroform	<0.842	56.8	64.7	114	72.6	127	62-127	12	20	ug/kg	02/01/13 07:57	X
Chloromethane	<2.62	56.8	65.9	116	61.4	107	34-157	7	20	ug/kg	02/01/13 07:57	
cis-1,2-Dichloroethene	<0.752	56.8	59.6	105	60.4	106	41-155	1	20	ug/kg	02/01/13 07:57	
cis-1,3-Dichloropropene	<0.612	56.8	54.1	95	58.8	103	63-128	8	20	ug/kg	02/01/13 07:57	
Cyclohexane	<1.07	56.8	58.3	103	75.0	131	53-145	25	20	ug/kg	02/01/13 07:57	F
Dibromochloromethane	<1.13	56.8	68.0	120	60.6	106	59-135	12	20	ug/kg	02/01/13 07:57	
Dichlorodifluoromethane	<1.34	56.8	66.3	117	67.3	118	16-171	1	20	ug/kg	02/01/13 07:57	
Ethylbenzene	<0.642	56.8	65.6	115	75.0	131	65-139	13	20	ug/kg	02/01/13 07:57	
Isopropylbenzene	<0.862	56.8	65.6	115	71.6	125	62-133	9	20	ug/kg	02/01/13 07:57	
m,p-Xylenes	<1.37	114	124	109	145	127	69-130	16	20	ug/kg	02/01/13 07:57	X
Methyl acetate	<1.07	56.8	110	194	68.8	120	20-170	46	20	ug/kg	02/01/13 07:57	XF
Methyl tert-butyl ether	<0.787	114	144	126	102	89	48-169	34	20	ug/kg	02/01/13 07:57	F
Methylcyclohexane	<1.24	56.8	65.0	114	89.2	156	57-149	31	20	ug/kg	02/01/13 07:57	XF
Methylene chloride	10.1	56.8	66.9	100	61.2	89	17-184	9	20	ug/kg	02/01/13 07:57	
Naphthalene	<1.48	56.8	61.6	108	41.9	73	27-157	38	20	ug/kg	02/01/13 07:57	F
o-Xylene	<0.813	56.8	57.2	101	67.5	118	71-124	17	20	ug/kg	02/01/13 07:57	
Styrene	<0.843	56.8	57.0	100	65.7	115	50-143	14	20	ug/kg	02/01/13 07:57	
Tetrachloroethene	5.50	56.8	74.3	121	80.9	132	42-156	9	20	ug/kg	02/01/13 07:57	X
Toluene	<0.668	56.8	54.4	96	65.4	114	65-128	18	20	ug/kg	02/01/13 07:57	
trans-1,2-Dichloroethene	<0.886	56.8	74.8	132	73.7	129	57-143	1	20	ug/kg	02/01/13 07:57	
trans-1,3-Dichloropropene	<0.761	56.8	65.4	115	64.5	113	55-141	1	20	ug/kg	02/01/13 07:57	

QC Summary 456803

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013

Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.803	56.8	62.0	109	73.0	128	39-150	16	20	ug/kg	02/01/13 07:57	X
Trichlorofluoromethane	<3.99	56.8	67.1	118	68.5	120	34-179	2	20	ug/kg	02/01/13 07:57	
Vinyl chloride	<2.28	56.8	67.4	119	75.7	132	40-161	12	20	ug/kg	02/01/13 07:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	155	**	132		50-150	%	02/01/13 07:57
4-Bromofluorobenzene	97		94		57-158	%	02/01/13 07:57
Toluene-D8	91		100		50-150	%	02/01/13 07:57

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Green Cooler

Serial #: 260025 Page 1 of 1

Company-City: AEM, Inc. **Phone:** (404) 329-9001

Lab Only: INOH 456803

Proj Name-Location: Aramark-DeKalb ☐ Previously done at XENCO **Project ID:** 1133-1301-1

TAT (ASAP) 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT, Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☒ PM or leona-miles@cem-net.com **Fax No:**

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tony L Gordon Signature: Tony L Gordon

	Sample ID	Sampling Date	Time	Depth (ft) In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb,13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP VOCs (40CFR 261)	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn:
1	SB-8 (6-8 FT)	1/31/13	1425	6-8	S		X	5	40/4	C	O	X														1
2	SB-8 (10-12 FT)	1/31/13	1430	10-12	S		X	5	40/4	C	O	X														2
3	SB-8 (14-16 FT)	1/31/13	1435	14-16	S		X	5	40/4	C	O	X														3
4	SB-9 (2-4 FT)	1/31/13	1500	2-4	S		X	5	40/4	C	O	X														4
5	SB-9 (6-8 FT)	1/31/13	1505	6-8	S		X	5	40/4	C	O	X														5
6	SB-9 (10-12 FT)	1/31/13	1510	10-12	S		X	5	40/4	C	O	X														6
7	SB-9 (14-16 FT)	1/31/13	1515	14-16	S		X	5	40/4	C	O	X														7
8	SB-10 (2-4 FT)	1/31/13	1530	2-4	S		X	5	40/4	C	O	X														8
9																										9
10	Trip Blank	1/31/13	—				X	2	40	C	V	X														10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tony L Gordon	1/31/13 (1600)	2) [illegible]	1/31/13 16:00
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 3.9°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) TI H2O / methanol

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Atlanta Environmental Management

Date/ Time Received: 01/31/2013 04:06:00 PM

Work Order #: 456803

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3.9	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: J. Derek Rounsley Date: 01/31/2013

Checklist reviewed by: Eben Buchanan Date: 01/31/2013

Analytical Report 456807

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

05-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

05-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456807**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456807. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456807 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

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Certified and approved by numerous States and Agencies.
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Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-10 (6-8 FT)	S	01-31-13 15:35	6 - 8 ft	456807-001
SB-10 (10-12 FT)	S	01-31-13 15:40	10 - 12 ft	456807-002
SB-10 (14-16 FT)	S	01-31-13 15:45	14 - 16 ft	456807-003
SB-11 (0-2 FT)	S	01-31-13 16:25	0 - 2 ft	456807-004
SB-11 (5-6 FT)	S	01-31-13 16:30	5 - 6 ft	456807-005
SB-11 (10-12 FT)	S	01-31-13 16:35	10 - 12 ft	456807-006
SB-11 (14-15 FT)	S	01-31-13 16:40	14 - 15 ft	456807-007
Trip Blank	W	01-31-13 00:00		456807-008

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Batch: LBA-905960 VOCs by SW-846 8260B
SW8260B_ATL

Batch 905960, 1,4-Dichlorobenzene recovered above QC limits in the laboratory control sample.
Samples affected are: 456807-007.

SW8260B_ATL

Batch 905960, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP) , 1,2-Dibromoethane (EDB), 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) , Acetone, Bromochloromethane, Bromoform, Carbon tetrachloride , Cyclohexane, Methyl acetate , Methyl tert-butyl ether, Methylcyclohexane, Naphthalene RPD was outside QC limits.
Samples affected are: 456807-007

SW8260B_ATL

Batch 905960, Acetone, Methyl acetate RPD was outside laboratory control limits.
Samples affected are: 456807-007

SW8260B_ATL

Batch 905960, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis
Samples affected are: 456765-002 S.

SW8260B_ATL

Batch 905960, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methyl acetate recovered above QC limits in the Matrix Spike. 1,1,1-Trichloroethane, 1,1-Dichloroethane, Chloroform, Methylcyclohexane, m,p-Xylenes recovered above QC limits in the Matrix Spike Duplicate.
Samples affected are: 456807-007.
The Laboratory Control Sample for Acetone, 1,2-Dibromo-3-chloropropane (DBCP) , 1,1-Dichloroethane, Methyl acetate , Methylcyclohexane, m,p-Xylenes, Chloroform, 1,1,1-Trichloroethane is within laboratory Control Limits

The responses of one or more internal standards were outside the method specified limit (low) for the MS. The parent sample and MSD internal standard responses were within the acceptable limits: 456765-002S

The responses of one or more internal standards were outside the method specified limit (low) due to possible matrix interferences and/or sample heterogeneity. When the sample was diluted, the internal standard responses were within the acceptable limits: 456807-007

Batch: LBA-906099 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906099, Methylene chloride RPD was outside laboratory control limits.
Samples affected are: 456807-002, -007, -001, -005, -004, -006

SW8260B_ATL

Batch 906099, Bromomethane, Chloroethane, Trichlorofluoromethane recovered above QC limits in the Blank Spike Duplicate. Methyl acetate, Methylene chloride recovered above QC limits in the Blank Spike Duplicate.
Samples affected are: 456807-002, -007, -001, -005, -004, -006.

Batch: LBA-906106 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906106, Vinyl chloride RPD was outside laboratory control limits.
Samples affected are: 456807-003

SW8260B_ATL

Batch 906106, Tetrachloroethene recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate.
Samples affected are: 456807-003.
The Laboratory Control Sample for Tetrachloroethene is within laboratory Control Limits

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-10 (6-8 FT)**	Matrix:	**Soil**	% Moisture:	**33.03**
Lab Sample Id:	**456807-001**	Date Collected:	**01.31.13 15.35**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	20900	ug/kg	02.01.13 15.43	D	500
Trichloroethene	79-01-6	540	ug/kg	02.01.13 13.08		50

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-10 (10-12 FT)**	Matrix:	**Soil**	% Moisture:	**17.94**
Lab Sample Id:	**456807-002**	Date Collected:	**01.31.13 15.40**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	3070	ug/kg	02.01.13 16.37		50
Methyl acetate	79-20-9	477	ug/kg	02.01.13 16.37		50
Tetrachloroethene	127-18-4	9900	ug/kg	02.01.13 16.37		50
Trichloroethene	79-01-6	2900	ug/kg	02.01.13 16.37		50

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-10 (14-16 FT)**	Matrix:	**Soil**	% Moisture:	**16.97**
Lab Sample Id:	**456807-003**	Date Collected:	**01.31.13 15.45**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	52.8	ug/kg	02.01.13 12.48		1
Trichloroethene	79-01-6	9.64	ug/kg	02.01.13 12.48		1

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-11 (0-2 FT)**	Matrix:	**Soil**	% Moisture:	**21.44**
Lab Sample Id:	**456807-004**	Date Collected:	**01.31.13 16.25**	Basis:	**Dry Weight**
Sample Depth:	**0 - 2 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	14800	ug/kg	02.01.13 14.16	D	500

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-11 (5-6 FT)**	Matrix:	**Soil**	% Moisture:	**24.25**
Lab Sample Id:	**456807-005**	Date Collected:	**01.31.13 16.30**	Basis:	**Dry Weight**
Sample Depth:	**5 - 6 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	3400	ug/kg	02.01.13 14.43		50

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-11 (10-12 FT)**	Matrix:	**Soil**	% Moisture:	**28.7**
Lab Sample Id:	**456807-006**	Date Collected:	**01.31.13 16.35**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	3890	ug/kg	02.01.13 17.04		50
Methyl acetate	79-20-9	1600	ug/kg	02.01.13 17.04		50
Methylcyclohexane	108-87-2	613	ug/kg	02.01.13 17.04		50
Tetrachloroethene	127-18-4	87600	ug/kg	02.01.13 18.55	D	1000
Trichloroethene	79-01-6	7820	ug/kg	02.01.13 17.04		50

Hits Summary 456807

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-11 (14-15 FT)**	Matrix:	**Soil**	% Moisture:	**34.4**
Lab Sample Id:	**456807-007**	Date Collected:	**01.31.13 16.40**	Basis:	**Dry Weight**
Sample Depth:	**14 - 15 ft**	Date Received:	**01.31.13 18.03**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 01.31.13 20.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	170	ug/kg	02.01.13 05.20		1
trans-1,2-Dichloroethene	156-60-5	13.6	ug/kg	02.01.13 05.20		1

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Date Prep: 02.01.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	5250	ug/kg	02.01.13 17.31	D	50
Tetrachloroethene	127-18-4	1320	ug/kg	02.02.13 21.49	D	50
Trichloroethene	79-01-6	10400	ug/kg	02.01.13 17.31	D	50

Certificate of Analytical Results 456807

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-001** Date Collected: 01.31.13 15.35 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 33.03
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	410	ug/kg	02.01.13 13.08	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	410	ug/kg	02.01.13 13.08	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	410	ug/kg	02.01.13 13.08	U	50
1,1,2-Trichloroethane	79-00-5	BRL	410	ug/kg	02.01.13 13.08	U	50
1,1-Dichloroethane	75-34-3	BRL	410	ug/kg	02.01.13 13.08	U	50
1,1-Dichloroethene	75-35-4	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2-Dichlorobenzene	95-50-1	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2-Dichloroethane	107-06-2	BRL	410	ug/kg	02.01.13 13.08	U	50
1,2-Dichloropropane	78-87-5	BRL	410	ug/kg	02.01.13 13.08	U	50
1,3-Dichlorobenzene	541-73-1	BRL	410	ug/kg	02.01.13 13.08	U	50
1,4-Dichlorobenzene	106-46-7	BRL	410	ug/kg	02.01.13 13.08	U	50
2-Butanone (MEK)	78-93-3	BRL	4100	ug/kg	02.01.13 13.08	U	50
2-Hexanone	591-78-6	BRL	4100	ug/kg	02.01.13 13.08	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	4100	ug/kg	02.01.13 13.08	U	50
Acetone	67-64-1	BRL	4100	ug/kg	02.01.13 13.08	U	50
Benzene	71-43-2	BRL	410	ug/kg	02.01.13 13.08	U	50
Bromochloromethane	74-97-5	BRL	410	ug/kg	02.01.13 13.08	U	50
Bromodichloromethane	75-27-4	BRL	410	ug/kg	02.01.13 13.08	U	50
Bromoform	75-25-2	BRL	410	ug/kg	02.01.13 13.08	U	50
Bromomethane	74-83-9	BRL	410	ug/kg	02.01.13 13.08	U	50
Carbon disulfide	75-15-0	BRL	3280	ug/kg	02.01.13 13.08	U	50
Carbon tetrachloride	56-23-5	BRL	410	ug/kg	02.01.13 13.08	U	50
Chlorobenzene	108-90-7	BRL	410	ug/kg	02.01.13 13.08	U	50
Chloroethane	75-00-3	BRL	410	ug/kg	02.01.13 13.08	U	50
Chloroform	67-66-3	BRL	410	ug/kg	02.01.13 13.08	U	50
Chloromethane	74-87-3	BRL	820	ug/kg	02.01.13 13.08	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	410	ug/kg	02.01.13 13.08	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	410	ug/kg	02.01.13 13.08	U	50
Cyclohexane	110-82-7	BRL	410	ug/kg	02.01.13 13.08	U	50
Dibromochloromethane	124-48-1	BRL	410	ug/kg	02.01.13 13.08	U	50
Dichlorodifluoromethane	75-71-8	BRL	410	ug/kg	02.01.13 13.08	U	50
Ethylbenzene	100-41-4	BRL	410	ug/kg	02.01.13 13.08	U	50
Isopropylbenzene	98-82-8	BRL	410	ug/kg	02.01.13 13.08	U	50
m,p-Xylenes	179601-23-1	BRL	410	ug/kg	02.01.13 13.08	U	50
Methyl acetate	79-20-9	BRL	410	ug/kg	02.01.13 13.08	U	50
Methyl tert-butyl ether	1634-04-4	BRL	410	ug/kg	02.01.13 13.08	U	50
Methylcyclohexane	108-87-2	BRL	410	ug/kg	02.01.13 13.08	U	50

Certificate of Analytical Results 456807

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (6-8 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-001** Date Collected: 01.31.13 15.35 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 33.03
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1640	ug/kg	02.01.13 13.08	U	50
Naphthalene	91-20-3	BRL	410	ug/kg	02.01.13 13.08	U	50
o-Xylene	95-47-6	BRL	410	ug/kg	02.01.13 13.08	U	50
Styrene	100-42-5	BRL	410	ug/kg	02.01.13 13.08	U	50
Tetrachloroethene	127-18-4	**20900**	4190	ug/kg	02.01.13 15.43	D	500
Toluene	108-88-3	BRL	410	ug/kg	02.01.13 13.08	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	410	ug/kg	02.01.13 13.08	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	410	ug/kg	02.01.13 13.08	U	50
Trichloroethene	79-01-6	**540**	410	ug/kg	02.01.13 13.08		50
Trichlorofluoromethane	75-69-4	BRL	410	ug/kg	02.01.13 13.08	U	50
Vinyl chloride	75-01-4	BRL	410	ug/kg	02.01.13 13.08	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	103	%	50-150	02.01.13 13.08	
4-Bromofluorobenzene	460-00-4	98	%	57-158	02.01.13 13.08	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 13.08	

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-002** Date Collected: 01.31.13 15.40 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.94
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	310	ug/kg	02.01.13 16.37	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	310	ug/kg	02.01.13 16.37	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	310	ug/kg	02.01.13 16.37	U	50
1,1,2-Trichloroethane	79-00-5	BRL	310	ug/kg	02.01.13 16.37	U	50
1,1-Dichloroethane	75-34-3	BRL	310	ug/kg	02.01.13 16.37	U	50
1,1-Dichloroethene	75-35-4	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2-Dichlorobenzene	95-50-1	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2-Dichloroethane	107-06-2	BRL	310	ug/kg	02.01.13 16.37	U	50
1,2-Dichloropropane	78-87-5	BRL	310	ug/kg	02.01.13 16.37	U	50
1,3-Dichlorobenzene	541-73-1	BRL	310	ug/kg	02.01.13 16.37	U	50
1,4-Dichlorobenzene	106-46-7	BRL	310	ug/kg	02.01.13 16.37	U	50
2-Butanone (MEK)	78-93-3	BRL	3100	ug/kg	02.01.13 16.37	U	50
2-Hexanone	591-78-6	BRL	3100	ug/kg	02.01.13 16.37	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3100	ug/kg	02.01.13 16.37	U	50
Acetone	67-64-1	BRL	3100	ug/kg	02.01.13 16.37	U	50
Benzene	71-43-2	BRL	310	ug/kg	02.01.13 16.37	U	50
Bromochloromethane	74-97-5	BRL	310	ug/kg	02.01.13 16.37	U	50
Bromodichloromethane	75-27-4	BRL	310	ug/kg	02.01.13 16.37	U	50
Bromoform	75-25-2	BRL	310	ug/kg	02.01.13 16.37	U	50
Bromomethane	74-83-9	BRL	310	ug/kg	02.01.13 16.37	U	50
Carbon disulfide	75-15-0	BRL	2480	ug/kg	02.01.13 16.37	U	50
Carbon tetrachloride	56-23-5	BRL	310	ug/kg	02.01.13 16.37	U	50
Chlorobenzene	108-90-7	BRL	310	ug/kg	02.01.13 16.37	U	50
Chloroethane	75-00-3	BRL	310	ug/kg	02.01.13 16.37	U	50
Chloroform	67-66-3	BRL	310	ug/kg	02.01.13 16.37	U	50
Chloromethane	74-87-3	BRL	619	ug/kg	02.01.13 16.37	U	50
cis-1,2-Dichloroethene	156-59-2	**3070**	310	ug/kg	02.01.13 16.37		50
cis-1,3-Dichloropropene	10061-01-5	BRL	310	ug/kg	02.01.13 16.37	U	50
Cyclohexane	110-82-7	BRL	310	ug/kg	02.01.13 16.37	U	50
Dibromochloromethane	124-48-1	BRL	310	ug/kg	02.01.13 16.37	U	50
Dichlorodifluoromethane	75-71-8	BRL	310	ug/kg	02.01.13 16.37	U	50
Ethylbenzene	100-41-4	BRL	310	ug/kg	02.01.13 16.37	U	50
Isopropylbenzene	98-82-8	BRL	310	ug/kg	02.01.13 16.37	U	50
m,p-Xylenes	179601-23-1	BRL	310	ug/kg	02.01.13 16.37	U	50
Methyl acetate	79-20-9	**477**	310	ug/kg	02.01.13 16.37		50
Methyl tert-butyl ether	1634-04-4	BRL	310	ug/kg	02.01.13 16.37	U	50
Methylcyclohexane	108-87-2	BRL	310	ug/kg	02.01.13 16.37	U	50

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-002** Date Collected: 01.31.13 15.40 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.94
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1240	ug/kg	02.01.13 16.37	U	50
Naphthalene	91-20-3	BRL	310	ug/kg	02.01.13 16.37	U	50
o-Xylene	95-47-6	BRL	310	ug/kg	02.01.13 16.37	U	50
Styrene	100-42-5	BRL	310	ug/kg	02.01.13 16.37	U	50
Tetrachloroethene	127-18-4	**9900**	310	ug/kg	02.01.13 16.37		50
Toluene	108-88-3	BRL	310	ug/kg	02.01.13 16.37	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	310	ug/kg	02.01.13 16.37	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	310	ug/kg	02.01.13 16.37	U	50
Trichloroethene	79-01-6	**2900**	310	ug/kg	02.01.13 16.37		50
Trichlorofluoromethane	75-69-4	BRL	310	ug/kg	02.01.13 16.37	U	50
Vinyl chloride	75-01-4	BRL	310	ug/kg	02.01.13 16.37	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	109	%	50-150	02.01.13 16.37	
4-Bromofluorobenzene	460-00-4	100	%	57-158	02.01.13 16.37	
Toluene-D8	2037-26-5	108	%	50-150	02.01.13 16.37	

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-003** Date Collected: 01.31.13 15.45 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 16.97
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,1-Dichloroethane	75-34-3	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,1-Dichloroethene	75-35-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2-Dichloroethane	107-06-2	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,2-Dichloropropane	78-87-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.82	ug/kg	02.01.13 12.48	U	1
2-Butanone (MEK)	78-93-3	BRL	48.2	ug/kg	02.01.13 12.48	U	1
2-Hexanone	591-78-6	BRL	48.2	ug/kg	02.01.13 12.48	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	48.2	ug/kg	02.01.13 12.48	U	1
Acetone	67-64-1	**52.8**	48.2	ug/kg	02.01.13 12.48		1
Benzene	71-43-2	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Bromochloromethane	74-97-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Bromodichloromethane	75-27-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Bromoform	75-25-2	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Bromomethane	74-83-9	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Carbon disulfide	75-15-0	BRL	38.5	ug/kg	02.01.13 12.48	U	1
Carbon tetrachloride	56-23-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Chlorobenzene	108-90-7	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Chloroethane	75-00-3	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Chloroform	67-66-3	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Chloromethane	74-87-3	BRL	9.64	ug/kg	02.01.13 12.48	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.82	ug/kg	02.01.13 12.48	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Cyclohexane	110-82-7	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Dibromochloromethane	124-48-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Ethylbenzene	100-41-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Isopropylbenzene	98-82-8	BRL	4.82	ug/kg	02.01.13 12.48	U	1
m,p-Xylenes	179601-23-1	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Methyl acetate	79-20-9	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Methylcyclohexane	108-87-2	BRL	4.82	ug/kg	02.01.13 12.48	U	1

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-10 (14-16 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-003** Date Collected: 01.31.13 15.45 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 16.97
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	19.3	ug/kg	02.01.13 12.48	U	1
Naphthalene	91-20-3	BRL	4.82	ug/kg	02.01.13 12.48	U	1
o-Xylene	95-47-6	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Styrene	100-42-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Tetrachloroethene	127-18-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Toluene	108-88-3	BRL	4.82	ug/kg	02.01.13 12.48	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.82	ug/kg	02.01.13 12.48	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Trichloroethene	79-01-6	**9.64**	4.82	ug/kg	02.01.13 12.48		1
Trichlorofluoromethane	75-69-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1
Vinyl chloride	75-01-4	BRL	4.82	ug/kg	02.01.13 12.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	143	%	50-150	02.01.13 12.48	
4-Bromofluorobenzene	460-00-4	105	%	57-158	02.01.13 12.48	
Toluene-D8	2037-26-5	103	%	50-150	02.01.13 12.48	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (0-2 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-004** Date Collected: 01.31.13 16.25 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.44
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	294	ug/kg	02.01.13 14.16	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	294	ug/kg	02.01.13 14.16	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	294	ug/kg	02.01.13 14.16	U	50
1,1,2-Trichloroethane	79-00-5	BRL	294	ug/kg	02.01.13 14.16	U	50
1,1-Dichloroethane	75-34-3	BRL	294	ug/kg	02.01.13 14.16	U	50
1,1-Dichloroethene	75-35-4	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2-Dichlorobenzene	95-50-1	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2-Dichloroethane	107-06-2	BRL	294	ug/kg	02.01.13 14.16	U	50
1,2-Dichloropropane	78-87-5	BRL	294	ug/kg	02.01.13 14.16	U	50
1,3-Dichlorobenzene	541-73-1	BRL	294	ug/kg	02.01.13 14.16	U	50
1,4-Dichlorobenzene	106-46-7	BRL	294	ug/kg	02.01.13 14.16	U	50
2-Butanone (MEK)	78-93-3	BRL	2940	ug/kg	02.01.13 14.16	U	50
2-Hexanone	591-78-6	BRL	2940	ug/kg	02.01.13 14.16	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2940	ug/kg	02.01.13 14.16	U	50
Acetone	67-64-1	BRL	2940	ug/kg	02.01.13 14.16	U	50
Benzene	71-43-2	BRL	294	ug/kg	02.01.13 14.16	U	50
Bromochloromethane	74-97-5	BRL	294	ug/kg	02.01.13 14.16	U	50
Bromodichloromethane	75-27-4	BRL	294	ug/kg	02.01.13 14.16	U	50
Bromoform	75-25-2	BRL	294	ug/kg	02.01.13 14.16	U	50
Bromomethane	74-83-9	BRL	294	ug/kg	02.01.13 14.16	U	50
Carbon disulfide	75-15-0	BRL	2350	ug/kg	02.01.13 14.16	U	50
Carbon tetrachloride	56-23-5	BRL	294	ug/kg	02.01.13 14.16	U	50
Chlorobenzene	108-90-7	BRL	294	ug/kg	02.01.13 14.16	U	50
Chloroethane	75-00-3	BRL	294	ug/kg	02.01.13 14.16	U	50
Chloroform	67-66-3	BRL	294	ug/kg	02.01.13 14.16	U	50
Chloromethane	74-87-3	BRL	587	ug/kg	02.01.13 14.16	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	294	ug/kg	02.01.13 14.16	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	294	ug/kg	02.01.13 14.16	U	50
Cyclohexane	110-82-7	BRL	294	ug/kg	02.01.13 14.16	U	50
Dibromochloromethane	124-48-1	BRL	294	ug/kg	02.01.13 14.16	U	50
Dichlorodifluoromethane	75-71-8	BRL	294	ug/kg	02.01.13 14.16	U	50
Ethylbenzene	100-41-4	BRL	294	ug/kg	02.01.13 14.16	U	50
Isopropylbenzene	98-82-8	BRL	294	ug/kg	02.01.13 14.16	U	50
m,p-Xylenes	179601-23-1	BRL	294	ug/kg	02.01.13 14.16	U	50
Methyl acetate	79-20-9	BRL	294	ug/kg	02.01.13 14.16	U	50
Methyl tert-butyl ether	1634-04-4	BRL	294	ug/kg	02.01.13 14.16	U	50
Methylcyclohexane	108-87-2	BRL	294	ug/kg	02.01.13 14.16	U	50

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (0-2 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-004** Date Collected: 01.31.13 16.25 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.44
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1170	ug/kg	02.01.13 14.16	U	50
Naphthalene	91-20-3	BRL	294	ug/kg	02.01.13 14.16	U	50
o-Xylene	95-47-6	BRL	294	ug/kg	02.01.13 14.16	U	50
Styrene	100-42-5	BRL	294	ug/kg	02.01.13 14.16	U	50
Tetrachloroethene	127-18-4	**14800**	2935	ug/kg	02.01.13 14.16	D	500
Toluene	108-88-3	BRL	294	ug/kg	02.01.13 14.16	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	294	ug/kg	02.01.13 14.16	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	294	ug/kg	02.01.13 14.16	U	50
Trichloroethene	79-01-6	BRL	294	ug/kg	02.01.13 14.16	U	50
Trichlorofluoromethane	75-69-4	BRL	294	ug/kg	02.01.13 14.16	U	50
Vinyl chloride	75-01-4	BRL	294	ug/kg	02.01.13 14.16	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	02.01.13 14.16	
4-Bromofluorobenzene	460-00-4	95	%	57-158	02.01.13 14.16	
Toluene-D8	2037-26-5	105	%	50-150	02.01.13 14.16	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (5-6 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-005** Date Collected: 01.31.13 16.30 **Sample Depth:** 5 - 6 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 24.25
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	349	ug/kg	02.01.13 14.43	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	349	ug/kg	02.01.13 14.43	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	349	ug/kg	02.01.13 14.43	U	50
1,1,2-Trichloroethane	79-00-5	BRL	349	ug/kg	02.01.13 14.43	U	50
1,1-Dichloroethane	75-34-3	BRL	349	ug/kg	02.01.13 14.43	U	50
1,1-Dichloroethene	75-35-4	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2-Dichlorobenzene	95-50-1	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2-Dichloroethane	107-06-2	BRL	349	ug/kg	02.01.13 14.43	U	50
1,2-Dichloropropane	78-87-5	BRL	349	ug/kg	02.01.13 14.43	U	50
1,3-Dichlorobenzene	541-73-1	BRL	349	ug/kg	02.01.13 14.43	U	50
1,4-Dichlorobenzene	106-46-7	BRL	349	ug/kg	02.01.13 14.43	U	50
2-Butanone (MEK)	78-93-3	BRL	3490	ug/kg	02.01.13 14.43	U	50
2-Hexanone	591-78-6	BRL	3490	ug/kg	02.01.13 14.43	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3490	ug/kg	02.01.13 14.43	U	50
Acetone	67-64-1	BRL	3490	ug/kg	02.01.13 14.43	U	50
Benzene	71-43-2	BRL	349	ug/kg	02.01.13 14.43	U	50
Bromochloromethane	74-97-5	BRL	349	ug/kg	02.01.13 14.43	U	50
Bromodichloromethane	75-27-4	BRL	349	ug/kg	02.01.13 14.43	U	50
Bromoform	75-25-2	BRL	349	ug/kg	02.01.13 14.43	U	50
Bromomethane	74-83-9	BRL	349	ug/kg	02.01.13 14.43	U	50
Carbon disulfide	75-15-0	BRL	2790	ug/kg	02.01.13 14.43	U	50
Carbon tetrachloride	56-23-5	BRL	349	ug/kg	02.01.13 14.43	U	50
Chlorobenzene	108-90-7	BRL	349	ug/kg	02.01.13 14.43	U	50
Chloroethane	75-00-3	BRL	349	ug/kg	02.01.13 14.43	U	50
Chloroform	67-66-3	BRL	349	ug/kg	02.01.13 14.43	U	50
Chloromethane	74-87-3	BRL	698	ug/kg	02.01.13 14.43	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	349	ug/kg	02.01.13 14.43	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	349	ug/kg	02.01.13 14.43	U	50
Cyclohexane	110-82-7	BRL	349	ug/kg	02.01.13 14.43	U	50
Dibromochloromethane	124-48-1	BRL	349	ug/kg	02.01.13 14.43	U	50
Dichlorodifluoromethane	75-71-8	BRL	349	ug/kg	02.01.13 14.43	U	50
Ethylbenzene	100-41-4	BRL	349	ug/kg	02.01.13 14.43	U	50
Isopropylbenzene	98-82-8	BRL	349	ug/kg	02.01.13 14.43	U	50
m,p-Xylenes	179601-23-1	BRL	349	ug/kg	02.01.13 14.43	U	50
Methyl acetate	79-20-9	BRL	349	ug/kg	02.01.13 14.43	U	50
Methyl tert-butyl ether	1634-04-4	BRL	349	ug/kg	02.01.13 14.43	U	50
Methylcyclohexane	108-87-2	BRL	349	ug/kg	02.01.13 14.43	U	50

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (5-6 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-005** Date Collected: 01.31.13 16.30 **Sample Depth:** 5 - 6 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 24.25
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1400	ug/kg	02.01.13 14.43	U	50
Naphthalene	91-20-3	BRL	349	ug/kg	02.01.13 14.43	U	50
o-Xylene	95-47-6	BRL	349	ug/kg	02.01.13 14.43	U	50
Styrene	100-42-5	BRL	349	ug/kg	02.01.13 14.43	U	50
Tetrachloroethene	127-18-4	**3400**	349	ug/kg	02.01.13 14.43		50
Toluene	108-88-3	BRL	349	ug/kg	02.01.13 14.43	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	349	ug/kg	02.01.13 14.43	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	349	ug/kg	02.01.13 14.43	U	50
Trichloroethene	79-01-6	BRL	349	ug/kg	02.01.13 14.43	U	50
Trichlorofluoromethane	75-69-4	BRL	349	ug/kg	02.01.13 14.43	U	50
Vinyl chloride	75-01-4	BRL	349	ug/kg	02.01.13 14.43	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	02.01.13 14.43	
4-Bromofluorobenzene	460-00-4	103	%	57-158	02.01.13 14.43	
Toluene-D8	2037-26-5	108	%	50-150	02.01.13 14.43	

Certificate of Analytical Results 456807

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-006** Date Collected: 01.31.13 16.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 28.7
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	395	ug/kg	02.01.13 17.04	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	395	ug/kg	02.01.13 17.04	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	395	ug/kg	02.01.13 17.04	U	50
1,1,2-Trichloroethane	79-00-5	BRL	395	ug/kg	02.01.13 17.04	U	50
1,1-Dichloroethane	75-34-3	BRL	395	ug/kg	02.01.13 17.04	U	50
1,1-Dichloroethene	75-35-4	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2-Dichlorobenzene	95-50-1	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2-Dichloroethane	107-06-2	BRL	395	ug/kg	02.01.13 17.04	U	50
1,2-Dichloropropane	78-87-5	BRL	395	ug/kg	02.01.13 17.04	U	50
1,3-Dichlorobenzene	541-73-1	BRL	395	ug/kg	02.01.13 17.04	U	50
1,4-Dichlorobenzene	106-46-7	BRL	395	ug/kg	02.01.13 17.04	U	50
2-Butanone (MEK)	78-93-3	BRL	3950	ug/kg	02.01.13 17.04	U	50
2-Hexanone	591-78-6	BRL	3950	ug/kg	02.01.13 17.04	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3950	ug/kg	02.01.13 17.04	U	50
Acetone	67-64-1	BRL	3950	ug/kg	02.01.13 17.04	U	50
Benzene	71-43-2	BRL	395	ug/kg	02.01.13 17.04	U	50
Bromochloromethane	74-97-5	BRL	395	ug/kg	02.01.13 17.04	U	50
Bromodichloromethane	75-27-4	BRL	395	ug/kg	02.01.13 17.04	U	50
Bromoform	75-25-2	BRL	395	ug/kg	02.01.13 17.04	U	50
Bromomethane	74-83-9	BRL	395	ug/kg	02.01.13 17.04	U	50
Carbon disulfide	75-15-0	BRL	3160	ug/kg	02.01.13 17.04	U	50
Carbon tetrachloride	56-23-5	BRL	395	ug/kg	02.01.13 17.04	U	50
Chlorobenzene	108-90-7	BRL	395	ug/kg	02.01.13 17.04	U	50
Chloroethane	75-00-3	BRL	395	ug/kg	02.01.13 17.04	U	50
Chloroform	67-66-3	BRL	395	ug/kg	02.01.13 17.04	U	50
Chloromethane	74-87-3	BRL	790	ug/kg	02.01.13 17.04	U	50
cis-1,2-Dichloroethene	156-59-2	**3890**	395	ug/kg	02.01.13 17.04		50
cis-1,3-Dichloropropene	10061-01-5	BRL	395	ug/kg	02.01.13 17.04	U	50
Cyclohexane	110-82-7	BRL	395	ug/kg	02.01.13 17.04	U	50
Dibromochloromethane	124-48-1	BRL	395	ug/kg	02.01.13 17.04	U	50
Dichlorodifluoromethane	75-71-8	BRL	395	ug/kg	02.01.13 17.04	U	50
Ethylbenzene	100-41-4	BRL	395	ug/kg	02.01.13 17.04	U	50
Isopropylbenzene	98-82-8	BRL	395	ug/kg	02.01.13 17.04	U	50
m,p-Xylenes	179601-23-1	BRL	395	ug/kg	02.01.13 17.04	U	50
Methyl acetate	79-20-9	**1600**	395	ug/kg	02.01.13 17.04		50
Methyl tert-butyl ether	1634-04-4	BRL	395	ug/kg	02.01.13 17.04	U	50
Methylcyclohexane	108-87-2	**613**	395	ug/kg	02.01.13 17.04		50

Certificate of Analytical Results 456807

XENCO Laboratories
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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (10-12 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-006** Date Collected: 01.31.13 16.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 28.7
Analyst: MLA Date Prep: 02.01.13 07.15 Basis: Dry Weight
Seq Number: 906099

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1580	ug/kg	02.01.13 17.04	U	50
Naphthalene	91-20-3	BRL	395	ug/kg	02.01.13 17.04	U	50
o-Xylene	95-47-6	BRL	395	ug/kg	02.01.13 17.04	U	50
Styrene	100-42-5	BRL	395	ug/kg	02.01.13 17.04	U	50
Tetrachloroethene	127-18-4	**87600**	7900	ug/kg	02.01.13 18.55	D	1000
Toluene	108-88-3	BRL	395	ug/kg	02.01.13 17.04	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	395	ug/kg	02.01.13 17.04	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	395	ug/kg	02.01.13 17.04	U	50
Trichloroethene	79-01-6	**7820**	395	ug/kg	02.01.13 17.04		50
Trichlorofluoromethane	75-69-4	BRL	395	ug/kg	02.01.13 17.04	U	50
Vinyl chloride	75-01-4	BRL	395	ug/kg	02.01.13 17.04	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	02.01.13 17.04	
4-Bromofluorobenzene	460-00-4	94	%	57-158	02.01.13 17.04	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 17.04	

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (14-15 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-007** Date Collected: 01.31.13 16.40 **Sample Depth:** 14 - 15 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 34.4
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,1,2-Trichloroethane	79-00-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,1-Dichloroethane	75-34-3	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,1-Dichloroethene	75-35-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2-Dichlorobenzene	95-50-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2-Dichloroethane	107-06-2	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,2-Dichloropropane	78-87-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,3-Dichlorobenzene	541-73-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
1,4-Dichlorobenzene	106-46-7	BRL	9.50	ug/kg	02.01.13 05.20	U	1
2-Butanone (MEK)	78-93-3	BRL	95.0	ug/kg	02.01.13 05.20	U	1
2-Hexanone	591-78-6	BRL	95.0	ug/kg	02.01.13 05.20	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	95.0	ug/kg	02.01.13 05.20	U	1
Acetone	67-64-1	**170**	95.0	ug/kg	02.01.13 05.20		1
Benzene	71-43-2	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Bromochloromethane	74-97-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Bromodichloromethane	75-27-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Bromoform	75-25-2	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Bromomethane	74-83-9	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Carbon disulfide	75-15-0	BRL	76.0	ug/kg	02.01.13 05.20	U	1
Carbon tetrachloride	56-23-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Chlorobenzene	108-90-7	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Chloroethane	75-00-3	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Chloroform	67-66-3	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Chloromethane	74-87-3	BRL	19.0	ug/kg	02.01.13 05.20	U	1
cis-1,2-Dichloroethene	156-59-2	**5250**	381	ug/kg	02.01.13 17.31	D	50
cis-1,3-Dichloropropene	10061-01-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Cyclohexane	110-82-7	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Dibromochloromethane	124-48-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Dichlorodifluoromethane	75-71-8	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Ethylbenzene	100-41-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Isopropylbenzene	98-82-8	BRL	9.50	ug/kg	02.01.13 05.20	U	1
m,p-Xylenes	179601-23-1	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Methyl acetate	79-20-9	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Methyl tert-butyl ether	1634-04-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Methylcyclohexane	108-87-2	BRL	9.50	ug/kg	02.01.13 05.20	U	1

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (14-15 FT)** Matrix: Soil Date Received: 01.31.13 18.03
Lab Sample Id: **456807-007** Date Collected: 01.31.13 16.40 **Sample Depth:** 14 - 15 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: TIMWEL % Moisture: 34.4
Analyst: TIMWEL Date Prep: 01.31.13 20.17 Basis: Dry Weight
Seq Number: 905960

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	38.0	ug/kg	02.01.13 05.20	U	1
Naphthalene	91-20-3	BRL	9.50	ug/kg	02.01.13 05.20	U	1
o-Xylene	95-47-6	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Styrene	100-42-5	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Tetrachloroethene	127-18-4	**1320**	411	ug/kg	02.02.13 21.49	D	50
Toluene	108-88-3	BRL	9.50	ug/kg	02.01.13 05.20	U	1
trans-1,2-Dichloroethene	156-60-5	**13.6**	9.50	ug/kg	02.01.13 05.20		1
trans-1,3-Dichloropropene	10061-02-6	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Trichloroethene	79-01-6	**10400**	381	ug/kg	02.01.13 17.31	D	50
Trichlorofluoromethane	75-69-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1
Vinyl chloride	75-01-4	BRL	9.50	ug/kg	02.01.13 05.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	127	%	50-150	02.01.13 05.20	
4-Bromofluorobenzene	460-00-4	144	%	57-158	02.01.13 05.20	
Toluene-D8	2037-26-5	121	%	50-150	02.01.13 05.20	

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 18.03
Lab Sample Id: **456807-008** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.02.13 11.42
Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.02.13 15.10	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.02.13 15.10	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.02.13 15.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.02.13 15.10	U	1
Acetone	67-64-1	BRL	50	ug/L	02.02.13 15.10	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.02.13 15.10	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.02.13 15.10	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.02.13 15.10	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.02.13 15.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.02.13 15.10	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.02.13 15.10	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.02.13 15.10	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.02.13 15.10	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.02.13 15.10	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.02.13 15.10	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.02.13 15.10	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.02.13 15.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.02.13 15.10	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.02.13 15.10	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.02.13 15.10	U	1

Certificate of Analytical Results 456807

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 01.31.13 18.03
Lab Sample Id: **456807-008** Date Collected: 01.31.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.02.13 11.42
Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.02.13 15.10	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.02.13 15.10	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.02.13 15.10	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.02.13 15.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.02.13 15.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.02.13 15.10	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.02.13 15.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.02.13 15.10	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.02.13 15.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	53-159	02.02.13 15.10	
4-Bromofluorobenzene	460-00-4	118	%	30-186	02.02.13 15.10	
Toluene-D8	2037-26-5	100	%	70-130	02.02.13 15.10	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013
MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	61.7	123	57.9	116	62-139	6	20	ug/kg	01/31/13 21:11	
1,1,2,2-Tetrachloroethane	<1.19	50.0	54.0	108	51.8	104	67-123	4	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	68.0	136	59.1	118	37-166	14	20	ug/kg	01/31/13 21:11	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	51.1	102	68-123	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethane	<0.802	50.0	56.9	114	54.7	109	73-121	4	20	ug/kg	01/31/13 21:11	
1,1-Dichloroethene	<1.16	50.0	55.7	111	53.1	106	56-137	5	20	ug/kg	01/31/13 21:11	
1,2,3-Trichlorobenzene	<0.574	50.0	58.9	118	55.8	112	60-137	5	20	ug/kg	01/31/13 21:11	
1,2,4-Trichlorobenzene	<0.873	50.0	58.5	117	54.8	110	59-138	7	20	ug/kg	01/31/13 21:11	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	57.0	114	55.8	112	59-127	2	20	ug/kg	01/31/13 21:11	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.2	108	53.1	106	70-131	2	20	ug/kg	01/31/13 21:11	
1,2-Dichlorobenzene	<1.29	50.0	57.5	115	54.6	109	76-120	5	20	ug/kg	01/31/13 21:11	
1,2-Dichloroethane	<0.597	50.0	62.2	124	61.2	122	60-136	2	20	ug/kg	01/31/13 21:11	
1,2-Dichloropropane	<0.929	50.0	48.1	96	48.6	97	73-120	1	20	ug/kg	01/31/13 21:11	
1,3-Dichlorobenzene	<0.997	50.0	56.5	113	53.4	107	76-125	6	20	ug/kg	01/31/13 21:11	
1,4-Dichlorobenzene	<0.684	50.0	61.0	122	55.9	112	75-120	9	20	ug/kg	01/31/13 21:11	H
2-Butanone (MEK)	<9.11	100	122	122	122	122	55-143	0	20	ug/kg	01/31/13 21:11	
2-Hexanone	<1.13	100	126	126	131	131	53-142	4	20	ug/kg	01/31/13 21:11	
4-Methyl-2-pentanone (MIBK)	<3.23	100	111	111	114	114	55-138	3	20	ug/kg	01/31/13 21:11	
Acetone	<6.88	100	88.8	89	115	115	51-165	26	20	ug/kg	01/31/13 21:11	F
Benzene	<0.513	50.0	51.7	103	50.0	100	72-126	3	20	ug/kg	01/31/13 21:11	
Bromochloromethane	<1.01	50.0	53.8	108	54.8	110	79-119	2	20	ug/kg	01/31/13 21:11	
Bromodichloromethane	<0.501	50.0	59.4	119	57.1	114	72-126	4	20	ug/kg	01/31/13 21:11	
Bromoform	<0.959	50.0	59.4	119	56.2	112	62-140	6	20	ug/kg	01/31/13 21:11	
Bromomethane	<2.46	50.0	48.6	97	44.8	90	50-156	8	20	ug/kg	01/31/13 21:11	
Carbon disulfide	<1.46	50.0	54.9	110	50.1	100	42-150	9	20	ug/kg	01/31/13 21:11	
Carbon tetrachloride	<0.742	50.0	67.5	135	61.7	123	55-151	9	20	ug/kg	01/31/13 21:11	
Chlorobenzene	<0.579	50.0	53.7	107	51.1	102	80-111	5	20	ug/kg	01/31/13 21:11	
Chloroethane	<2.45	50.0	49.4	99	43.8	88	54-150	12	20	ug/kg	01/31/13 21:11	
Chloroform	<0.741	50.0	54.0	108	55.0	110	73-117	2	20	ug/kg	01/31/13 21:11	
Chloromethane	<2.30	50.0	39.4	79	38.1	76	40-155	3	20	ug/kg	01/31/13 21:11	
cis-1,3-Dichloropropene	<0.539	50.0	56.2	112	54.4	109	71-129	3	20	ug/kg	01/31/13 21:11	
Cyclohexane	<0.945	50.0	56.0	112	51.3	103	53-141	9	20	ug/kg	01/31/13 21:11	
Dibromochloromethane	<0.994	50.0	60.8	122	59.8	120	68-131	2	20	ug/kg	01/31/13 21:11	
Dichlorodifluoromethane	<1.18	50.0	28.5	57	24.2	48	12-177	16	20	ug/kg	01/31/13 21:11	
Ethylbenzene	<0.565	50.0	58.0	116	54.9	110	74-131	5	20	ug/kg	01/31/13 21:11	
Isopropylbenzene	<0.759	50.0	60.1	120	54.1	108	73-126	11	20	ug/kg	01/31/13 21:11	
m,p-Xylenes	<1.21	100	115	115	111	111	78-122	4	20	ug/kg	01/31/13 21:11	
Methyl acetate	<0.946	50.0	59.7	119	41.7	83	50-150	36	20	ug/kg	01/31/13 21:11	F
Methyl tert-butyl ether	<0.693	100	113	113	110	110	50-162	3	20	ug/kg	01/31/13 21:11	
Methylcyclohexane	<1.09	50.0	57.6	115	53.0	106	54-147	8	20	ug/kg	01/31/13 21:11	
Methylene chloride	<2.17	50.0	53.8	108	51.9	104	61-137	4	20	ug/kg	01/31/13 21:11	
Naphthalene	<1.30	50.0	50.5	101	52.2	104	50-151	3	20	ug/kg	01/31/13 21:11	
o-Xylene	<0.716	50.0	56.3	113	53.6	107	76-121	5	20	ug/kg	01/31/13 21:11	
Styrene	<0.742	50.0	57.2	114	55.9	112	81-117	2	20	ug/kg	01/31/13 21:11	
Toluene	<0.588	50.0	52.0	104	50.9	102	75-118	2	20	ug/kg	01/31/13 21:11	
trans-1,2-Dichloroethene	<0.780	50.0	56.0	112	54.1	108	63-137	3	20	ug/kg	01/31/13 21:11	
trans-1,3-Dichloropropene	<0.670	50.0	60.3	121	59.8	120	61-143	1	20	ug/kg	01/31/13 21:11	
Trichlorofluoromethane	<3.51	50.0	43.2	86	40.2	80	47-165	7	20	ug/kg	01/31/13 21:11	
Vinyl chloride	<2.01	50.0	43.8	88	42.0	84	57-139	4	20	ug/kg	01/31/13 21:11	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Solid Date Prep: 01/31/2013

MB Sample Id: 633197-1-BLK LCS Sample Id: 633197-1-BKS LCSD Sample Id: 633197-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	126		128		107		50-150	%	01/31/13 21:11
4-Bromofluorobenzene	103		101		100		57-158	%	01/31/13 21:11
Toluene-D8	101		100		100		50-150	%	01/31/13 21:11

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906099 Matrix: Solid Date Prep: 02/01/2013
MB Sample Id: 633279-1-BLK LCS Sample Id: 633279-1-BKS LCSD Sample Id: 633279-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	56.0	112	59.8	120	62-139	7	20	ug/kg	02/01/13 09:03	
1,1,2,2-Tetrachloroethane	<1.19	50.0	50.9	102	53.2	106	67-123	4	20	ug/kg	02/01/13 09:03	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	54.1	108	54.6	109	37-166	1	20	ug/kg	02/01/13 09:03	
1,1,2-Trichloroethane	<0.670	50.0	50.4	101	52.8	106	68-123	5	20	ug/kg	02/01/13 09:03	
1,1-Dichloroethane	<0.802	50.0	49.8	100	50.0	100	73-121	0	20	ug/kg	02/01/13 09:03	
1,1-Dichloroethene	<1.16	50.0	50.3	101	50.9	102	56-137	1	20	ug/kg	02/01/13 09:03	
1,2,3-Trichlorobenzene	<0.574	50.0	56.0	112	56.8	114	60-137	1	20	ug/kg	02/01/13 09:03	
1,2,4-Trichlorobenzene	<0.873	50.0	60.6	121	59.8	120	59-138	1	20	ug/kg	02/01/13 09:03	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.6	109	53.2	106	59-127	3	20	ug/kg	02/01/13 09:03	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.4	109	55.6	111	70-131	2	20	ug/kg	02/01/13 09:03	
1,2-Dichlorobenzene	<1.29	50.0	55.8	112	56.5	113	76-120	1	20	ug/kg	02/01/13 09:03	
1,2-Dichloroethane	<0.597	50.0	52.2	104	53.9	108	60-136	3	20	ug/kg	02/01/13 09:03	
1,2-Dichloropropane	<0.929	50.0	52.4	105	56.1	112	73-120	7	20	ug/kg	02/01/13 09:03	
1,3-Dichlorobenzene	<0.997	50.0	59.5	119	58.8	118	76-125	1	20	ug/kg	02/01/13 09:03	
1,4-Dichlorobenzene	<0.684	50.0	54.9	110	55.9	112	75-120	2	20	ug/kg	02/01/13 09:03	
2-Butanone (MEK)	<9.11	100	111	111	97.9	98	55-143	13	20	ug/kg	02/01/13 09:03	
2-Hexanone	<1.13	100	110	110	114	114	53-142	4	20	ug/kg	02/01/13 09:03	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	105	105	55-138	5	20	ug/kg	02/01/13 09:03	
Acetone	<6.88	100	127	127	128	128	51-165	1	20	ug/kg	02/01/13 09:03	
Benzene	<0.513	50.0	50.7	101	53.3	107	72-126	5	20	ug/kg	02/01/13 09:03	
Bromochloromethane	<1.01	50.0	49.7	99	48.4	97	79-119	3	20	ug/kg	02/01/13 09:03	
Bromodichloromethane	<0.501	50.0	58.6	117	60.0	120	72-126	2	20	ug/kg	02/01/13 09:03	
Bromoform	<0.959	50.0	57.9	116	56.9	114	62-140	2	20	ug/kg	02/01/13 09:03	
Bromomethane	<2.46	50.0	97.8	196	105	210	50-156	7	20	ug/kg	02/01/13 09:03	H
Carbon disulfide	<1.46	50.0	52.8	106	51.3	103	42-150	3	20	ug/kg	02/01/13 09:03	
Carbon tetrachloride	<0.742	50.0	58.1	116	61.9	124	55-151	6	20	ug/kg	02/01/13 09:03	
Chlorobenzene	<0.579	50.0	51.3	103	53.0	106	80-111	3	20	ug/kg	02/01/13 09:03	
Chloroethane	<2.45	50.0	125	250	138	276	54-150	10	20	ug/kg	02/01/13 09:03	H
Chloroform	<0.741	50.0	48.5	97	51.2	102	73-117	5	20	ug/kg	02/01/13 09:03	
Chloromethane	<2.30	50.0	49.2	98	50.9	102	40-155	3	20	ug/kg	02/01/13 09:03	
cis-1,2-Dichloroethene	<0.662	50.0	49.3	99	47.3	95	71-122	4	20	ug/kg	02/01/13 09:03	
cis-1,3-Dichloropropene	<0.539	50.0	51.0	102	54.9	110	71-129	7	20	ug/kg	02/01/13 09:03	
Cyclohexane	<0.945	50.0	56.6	113	60.0	120	53-141	6	20	ug/kg	02/01/13 09:03	
Dibromochloromethane	<0.994	50.0	54.1	108	55.1	110	68-131	2	20	ug/kg	02/01/13 09:03	
Dichlorodifluoromethane	<1.18	50.0	46.4	93	46.1	92	12-177	1	20	ug/kg	02/01/13 09:03	
Ethylbenzene	<0.565	50.0	56.4	113	57.9	116	74-131	3	20	ug/kg	02/01/13 09:03	
Isopropylbenzene	<0.759	50.0	53.3	107	57.1	114	73-126	7	20	ug/kg	02/01/13 09:03	
m,p-Xylenes	<1.21	100	112	112	114	114	78-122	2	20	ug/kg	02/01/13 09:03	
Methyl acetate	<0.946	50.0	64.4	129	75.5	151	50-150	16	20	ug/kg	02/01/13 09:03	H
Methyl tert-butyl ether	<0.693	100	107	107	106	106	50-162	1	20	ug/kg	02/01/13 09:03	
Methylcyclohexane	<1.09	50.0	58.0	116	60.2	120	54-147	4	20	ug/kg	02/01/13 09:03	
Methylene chloride	<2.17	50.0	56.8	114	134	268	61-137	81	20	ug/kg	02/01/13 09:03	HF
Naphthalene	<1.30	50.0	50.4	101	50.5	101	50-151	0	20	ug/kg	02/01/13 09:03	
o-Xylene	<0.716	50.0	56.1	112	56.6	113	76-121	1	20	ug/kg	02/01/13 09:03	
Styrene	<0.742	50.0	52.3	105	52.7	105	81-117	1	20	ug/kg	02/01/13 09:03	
Tetrachloroethene	<1.04	50.0	56.2	112	59.4	119	70-127	6	20	ug/kg	02/01/13 09:03	
Toluene	<0.588	50.0	49.9	100	52.8	106	75-118	6	20	ug/kg	02/01/13 09:03	
trans-1,2-Dichloroethene	<0.780	50.0	46.2	92	45.4	91	63-137	2	20	ug/kg	02/01/13 09:03	
trans-1,3-Dichloropropene	<0.670	50.0	52.7	105	56.4	113	61-143	7	20	ug/kg	02/01/13 09:03	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906099 Matrix: Solid Date Prep: 02/01/2013

MB Sample Id: 633279-1-BLK LCS Sample Id: 633279-1-BKS LCSD Sample Id: 633279-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	47.4	95	50.7	101	73-123	7	20	ug/kg	02/01/13 09:03	
Trichlorofluoromethane	<3.51	50.0	110	220	116	232	47-165	5	20	ug/kg	02/01/13 09:03	H
Vinyl chloride	<2.01	50.0	56.2	112	59.5	119	57-139	6	20	ug/kg	02/01/13 09:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	109		99		97		50-150	%	02/01/13 09:03
4-Bromofluorobenzene	101		102		104		57-158	%	02/01/13 09:03
Toluene-D8	101		105		108		50-150	%	02/01/13 09:03

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013
MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	59.7	119	53.2	106	62-139	12	20	ug/kg	02/01/13 10:26	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.5	99	48.9	98	67-123	1	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	72.9	146	61.4	123	37-166	17	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloroethane	<0.670	50.0	50.2	100	48.8	98	68-123	3	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethane	<0.802	50.0	52.5	105	49.5	99	73-121	6	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethene	<1.16	50.0	56.6	113	49.4	99	56-137	14	20	ug/kg	02/01/13 10:26	
1,2,3-Trichlorobenzene	<0.574	50.0	61.8	124	58.8	118	60-137	5	20	ug/kg	02/01/13 10:26	
1,2,4-Trichlorobenzene	<0.873	50.0	62.3	125	58.1	116	59-138	7	20	ug/kg	02/01/13 10:26	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.2	108	56.9	114	59-127	5	20	ug/kg	02/01/13 10:26	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.7	99	49.7	99	70-131	0	20	ug/kg	02/01/13 10:26	
1,2-Dichlorobenzene	<1.29	50.0	55.6	111	53.7	107	76-120	3	20	ug/kg	02/01/13 10:26	
1,2-Dichloroethane	<0.597	50.0	57.9	116	56.7	113	60-136	2	20	ug/kg	02/01/13 10:26	
1,2-Dichloropropane	<0.929	50.0	46.3	93	44.1	88	73-120	5	20	ug/kg	02/01/13 10:26	
1,3-Dichlorobenzene	<0.997	50.0	56.4	113	52.2	104	76-125	8	20	ug/kg	02/01/13 10:26	
1,4-Dichlorobenzene	<0.684	50.0	59.2	118	54.1	108	75-120	9	20	ug/kg	02/01/13 10:26	
2-Butanone (MEK)	<9.11	100	111	111	115	115	55-143	4	20	ug/kg	02/01/13 10:26	
2-Hexanone	<1.13	100	114	114	123	123	53-142	8	20	ug/kg	02/01/13 10:26	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	111	111	55-138	10	20	ug/kg	02/01/13 10:26	
Acetone	<6.88	100	119	119	118	118	51-165	1	20	ug/kg	02/01/13 10:26	
Benzene	<0.513	50.0	48.7	97	43.5	87	72-126	11	20	ug/kg	02/01/13 10:26	
Bromochloromethane	<1.01	50.0	49.8	100	49.1	98	79-119	1	20	ug/kg	02/01/13 10:26	
Bromodichloromethane	<0.501	50.0	56.1	112	54.1	108	72-126	4	20	ug/kg	02/01/13 10:26	
Bromoform	<0.959	50.0	53.7	107	55.3	111	62-140	3	20	ug/kg	02/01/13 10:26	
Bromomethane	<2.46	50.0	47.8	96	45.8	92	50-156	4	20	ug/kg	02/01/13 10:26	
Carbon disulfide	<1.46	50.0	53.0	106	47.2	94	42-150	12	20	ug/kg	02/01/13 10:26	
Carbon tetrachloride	<0.742	50.0	65.5	131	56.3	113	55-151	15	20	ug/kg	02/01/13 10:26	
Chlorobenzene	<0.579	50.0	50.3	101	48.0	96	80-111	5	20	ug/kg	02/01/13 10:26	
Chloroethane	<2.45	50.0	53.6	107	45.2	90	54-150	17	20	ug/kg	02/01/13 10:26	
Chloroform	<0.741	50.0	53.3	107	46.8	94	73-117	13	20	ug/kg	02/01/13 10:26	
Chloromethane	<2.30	50.0	44.5	89	43.8	88	40-155	2	20	ug/kg	02/01/13 10:26	
cis-1,2-Dichloroethene	<0.662	50.0	47.0	94	49.4	99	71-122	5	20	ug/kg	02/01/13 10:26	
cis-1,3-Dichloropropene	<0.539	50.0	52.0	104	50.2	100	71-129	4	20	ug/kg	02/01/13 10:26	
Cyclohexane	<0.945	50.0	55.5	111	48.0	96	53-141	14	20	ug/kg	02/01/13 10:26	
Dibromochloromethane	<0.994	50.0	57.0	114	56.5	113	68-131	1	20	ug/kg	02/01/13 10:26	
Dichlorodifluoromethane	<1.18	50.0	44.0	88	37.6	75	12-177	16	20	ug/kg	02/01/13 10:26	
Ethylbenzene	<0.565	50.0	56.4	113	52.3	105	74-131	8	20	ug/kg	02/01/13 10:26	
Isopropylbenzene	<0.759	50.0	57.9	116	52.4	105	73-126	10	20	ug/kg	02/01/13 10:26	
m,p-Xylenes	<1.21	100	112	112	103	103	78-122	8	20	ug/kg	02/01/13 10:26	
Methyl acetate	<0.946	50.0	56.7	113	59.8	120	50-150	5	20	ug/kg	02/01/13 10:26	
Methyl tert-butyl ether	<0.693	100	103	103	103	103	50-162	0	20	ug/kg	02/01/13 10:26	
Methylcyclohexane	<1.09	50.0	57.6	115	52.5	105	54-147	9	20	ug/kg	02/01/13 10:26	
Methylene chloride	<2.17	50.0	56.1	112	50.3	101	61-137	11	20	ug/kg	02/01/13 10:26	
Naphthalene	<1.30	50.0	52.1	104	54.2	108	50-151	4	20	ug/kg	02/01/13 10:26	
o-Xylene	<0.716	50.0	53.0	106	50.1	100	76-121	6	20	ug/kg	02/01/13 10:26	
Styrene	<0.742	50.0	53.3	107	52.3	105	81-117	2	20	ug/kg	02/01/13 10:26	
Tetrachloroethene	<1.04	50.0	56.9	114	50.8	102	70-127	11	20	ug/kg	02/01/13 10:26	
Toluene	<0.588	50.0	50.1	100	46.1	92	75-118	8	20	ug/kg	02/01/13 10:26	
trans-1,2-Dichloroethene	<0.780	50.0	54.3	109	47.6	95	63-137	13	20	ug/kg	02/01/13 10:26	
trans-1,3-Dichloropropene	<0.670	50.0	57.1	114	56.8	114	61-143	1	20	ug/kg	02/01/13 10:26	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013

MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	53.4	107	54.2	108	73-123	1	20	ug/kg	02/01/13 10:26	
Trichlorofluoromethane	<3.51	50.0	59.2	118	56.7	113	47-165	4	20	ug/kg	02/01/13 10:26	
Vinyl chloride	<2.01	50.0	53.6	107	42.8	86	57-139	22	20	ug/kg	02/01/13 10:26	F

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	134		112		117		50-150	%	02/01/13 10:26
4-Bromofluorobenzene	104		101		100		57-158	%	02/01/13 10:26
Toluene-D8	102		100		100		50-150	%	02/01/13 10:26

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013
MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	60	120	63	126	56-141	5	20	ug/L	02/02/13 12:34	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	52	104	64-135	6	20	ug/L	02/02/13 12:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	56	112	54	108	54-134	4	20	ug/L	02/02/13 12:34	
1,1,2-Trichloroethane	<0.88	50	47	94	52	104	73-123	10	20	ug/L	02/02/13 12:34	
1,1-Dichloroethane	<0.74	50	54	108	56	112	66-126	4	20	ug/L	02/02/13 12:34	
1,1-Dichloroethene	<0.98	50	53	106	56	112	65-129	6	20	ug/L	02/02/13 12:34	
1,2,3-Trichlorobenzene	<2.6	50	40	80	42	84	56-146	5	20	ug/L	02/02/13 12:34	
1,2,4-Trichlorobenzene	<1.3	50	38	76	41	82	62-141	8	20	ug/L	02/02/13 12:34	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	60	120	64	128	48-144	6	20	ug/L	02/02/13 12:34	
1,2-Dibromoethane (EDB)	<0.79	50	53	106	57	114	70-130	7	20	ug/L	02/02/13 12:34	
1,2-Dichlorobenzene	<0.73	50	47	94	50	100	77-123	6	20	ug/L	02/02/13 12:34	
1,2-Dichloroethane	<0.82	50	60	120	62	124	57-137	3	20	ug/L	02/02/13 12:34	
1,2-Dichloropropane	<0.81	50	46	92	49	98	74-121	6	20	ug/L	02/02/13 12:34	
1,3-Dichlorobenzene	<0.74	50	45	90	48	96	79-120	6	20	ug/L	02/02/13 12:34	
1,4-Dichlorobenzene	<0.59	50	45	90	47	94	77-119	4	20	ug/L	02/02/13 12:34	
2-Butanone (MEK)	<1.3	100	93	93	100	100	42-165	7	20	ug/L	02/02/13 12:34	
2-Hexanone	<2.5	100	94	94	100	100	46-157	6	20	ug/L	02/02/13 12:34	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	97	97	54-145	4	20	ug/L	02/02/13 12:34	
Acetone	<1.4	100	110	110	120	120	42-178	9	20	ug/L	02/02/13 12:34	
Benzene	<0.67	50	49	98	52	104	76-119	6	20	ug/L	02/02/13 12:34	
Bromochloromethane	<0.47	50	56	112	55	110	75-123	2	20	ug/L	02/02/13 12:34	
Bromodichloromethane	<0.96	50	59	118	61	122	69-131	3	20	ug/L	02/02/13 12:34	
Bromoform	<1.4	50	52	104	55	110	66-130	6	20	ug/L	02/02/13 12:34	
Bromomethane	<2.7	50	55	110	53	106	59-141	4	20	ug/L	02/02/13 12:34	
Carbon disulfide	<0.73	50	56	112	59	118	47-144	5	20	ug/L	02/02/13 12:34	
Carbon tetrachloride	<0.89	50	58	116	61	122	46-155	5	20	ug/L	02/02/13 12:34	
Chlorobenzene	<0.59	50	49	98	52	104	81-114	6	20	ug/L	02/02/13 12:34	
Chloroethane	<0.23	50	49	98	50	100	63-133	2	20	ug/L	02/02/13 12:34	
Chloroform	<1.4	50	55	110	58	116	68-127	5	20	ug/L	02/02/13 12:34	
Chloromethane	<1.2	50	41	82	44	88	43-141	7	20	ug/L	02/02/13 12:34	
cis-1,2-Dichloroethene	<0.80	50	52	104	59	118	73-124	13	20	ug/L	02/02/13 12:34	
cis-1,3-Dichloropropene	<0.76	50	51	102	54	108	72-132	6	20	ug/L	02/02/13 12:34	
Cyclohexane	<0.99	50	41	82	43	86	58-125	5	20	ug/L	02/02/13 12:34	
Dibromochloromethane	<0.79	50	59	118	63	126	69-128	7	20	ug/L	02/02/13 12:34	
Dichlorodifluoromethane	<0.73	50	49	98	50	100	24-153	2	20	ug/L	02/02/13 12:34	
Ethylbenzene	<0.66	50	50	100	52	104	78-122	4	20	ug/L	02/02/13 12:34	
Isopropylbenzene	<1.0	50	42	84	43	86	71-131	2	20	ug/L	02/02/13 12:34	
m,p-Xylenes	<1.2	100	89	89	94	94	76-124	5	20	ug/L	02/02/13 12:34	
Methyl acetate	<0.15	50	52	104	54	108	65-135	4	20	ug/L	02/02/13 12:34	
Methyl tert-butyl ether	<0.62	100	110	110	120	120	59-135	9	20	ug/L	02/02/13 12:34	
Methylcyclohexane	<0.76	50	31	62	33	66	61-125	6	20	ug/L	02/02/13 12:34	
Methylene chloride	<0.92	50	54	108	58	116	64-135	7	20	ug/L	02/02/13 12:34	
Naphthalene	<4.0	50	55	110	57	114	46-159	4	20	ug/L	02/02/13 12:34	
o-Xylene	<0.57	50	45	90	48	96	78-124	6	20	ug/L	02/02/13 12:34	
Styrene	<0.56	50	46	92	49	98	79-123	6	20	ug/L	02/02/13 12:34	
Tetrachloroethene	<1.8	50	48	96	50	100	71-125	4	20	ug/L	02/02/13 12:34	
Toluene	<0.68	50	50	100	52	104	78-118	4	20	ug/L	02/02/13 12:34	
trans-1,2-Dichloroethene	<0.73	50	52	104	56	112	71-126	7	20	ug/L	02/02/13 12:34	
trans-1,3-Dichloropropene	<0.84	50	54	108	57	114	68-131	5	20	ug/L	02/02/13 12:34	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013
MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	51	102	52	104	76-118	2	20	ug/L	02/02/13 12:34	
Trichlorofluoromethane	<0.85	50	43	86	43	86	35-153	0	20	ug/L	02/02/13 12:34	
Vinyl chloride	<0.15	50	45	90	47	94	59-129	4	20	ug/L	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		104		118		53-159	%	02/02/13 12:34
4-Bromofluorobenzene	118		110		108		30-186	%	02/02/13 12:34
Toluene-D8	100		98		96		70-130	%	02/02/13 12:34

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906103 Matrix: Solid Date Prep: 02/02/2013
MB Sample Id: 633286-1-BLK LCS Sample Id: 633286-1-BKS LCSD Sample Id: 633286-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
cis-1,2-Dichloroethene	<0.662	50.0	51.7	103	58.9	118	71-122	13	20	ug/kg	02/02/13 12:34	
Tetrachloroethene	<1.04	50.0	48.3	97	50.4	101	70-127	4	20	ug/kg	02/02/13 12:34	
Trichloroethene	<0.707	50.0	50.6	101	52.4	105	73-123	3	20	ug/kg	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		105		118		50-150	%	02/02/13 12:34
4-Bromofluorobenzene	117		110		108		57-158	%	02/02/13 12:34
Toluene-D8	100		97		96		50-150	%	02/02/13 12:34

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906205 Matrix: Solid Date Prep: 02/04/2013
MB Sample Id: 633341-1-BLK LCS Sample Id: 633341-1-BKS LCSD Sample Id: 633341-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
m,p-Xylenes	<1.12	92.3	86.8	94	85.8	93	78-122	1	20	ug/kg	02/04/13 20:38	
o-Xylene	<0.661	46.1	43.8	95	43.3	94	76-121	1	20	ug/kg	02/04/13 20:38	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	123		104		102		50-150	%	02/04/13 20:38
4-Bromofluorobenzene	115		112		109		57-158	%	02/04/13 20:38
Toluene-D8	101		97		97		50-150	%	02/04/13 20:38

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013
Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.855	56.8	77.8	137	89.2	156	62-137	14	20	ug/kg	02/01/13 07:57	X
1,1,2,2-Tetrachloroethane	<1.35	56.8	70.1	123	43.6	76	64-128	47	20	ug/kg	02/01/13 07:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.26	56.8	94.3	166	91.7	160	33-177	3	20	ug/kg	02/01/13 07:57	
1,1,2-Trichloroethane	<0.761	56.8	63.1	111	52.0	91	61-130	19	20	ug/kg	02/01/13 07:57	
1,1-Dichloroethane	<0.911	56.8	71.6	126	72.8	127	65-136	2	20	ug/kg	02/01/13 07:57	X
1,1-Dichloroethene	<1.32	56.8	76.5	135	69.0	121	33-158	10	20	ug/kg	02/01/13 07:57	
1,2,3-Trichlorobenzene	<0.652	56.8	76.3	134	54.9	96	48-135	33	20	ug/kg	02/01/13 07:57	F
1,2,4-Trichlorobenzene	<0.992	56.8	67.1	118	61.1	107	43-139	9	20	ug/kg	02/01/13 07:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.84	56.8	82.1	145	42.2	74	51-130	64	20	ug/kg	02/01/13 07:57	XF
1,2-Dibromoethane (EDB)	<0.980	56.8	65.9	116	50.0	87	69-132	27	20	ug/kg	02/01/13 07:57	F
1,2-Dichlorobenzene	<1.47	56.8	63.8	112	60.0	105	71-120	6	20	ug/kg	02/01/13 07:57	
1,2-Dichloroethane	<0.678	56.8	79.4	140	64.8	113	53-140	20	20	ug/kg	02/01/13 07:57	
1,2-Dichloropropane	<1.06	56.8	50.6	89	55.7	97	68-126	10	20	ug/kg	02/01/13 07:57	
1,3-Dichlorobenzene	<1.13	56.8	62.3	110	63.8	112	68-127	2	20	ug/kg	02/01/13 07:57	
1,4-Dichlorobenzene	<0.777	56.8	66.7	117	66.6	116	72-118	0	20	ug/kg	02/01/13 07:57	
2-Butanone (MEK)	<10.3	114	134	118	65.7	58	42-147	68	20	ug/kg	02/01/13 07:57	F
2-Hexanone	<1.28	114	153	134	84.1	74	32-142	58	20	ug/kg	02/01/13 07:57	F
4-Methyl-2-pentanone (MIBK)	<3.67	114	160	140	82.7	73	34-149	64	20	ug/kg	02/01/13 07:57	F
Acetone	<7.81	114	234	205	149	131	51-165	44	20	ug/kg	02/01/13 07:57	XF
Benzene	<0.583	56.8	53.9	95	62.0	108	65-135	14	20	ug/kg	02/01/13 07:57	
Bromochloromethane	<1.14	56.8	68.8	121	54.6	95	66-137	23	20	ug/kg	02/01/13 07:57	F
Bromodichloromethane	<0.569	56.8	64.4	113	67.8	119	60-129	5	20	ug/kg	02/01/13 07:57	
Bromoform	<1.09	56.8	68.2	120	48.0	84	48-147	35	20	ug/kg	02/01/13 07:57	F
Bromomethane	<2.79	56.8	65.8	116	62.9	110	42-170	5	20	ug/kg	02/01/13 07:57	
Carbon disulfide	<1.65	56.8	73.3	129	70.3	123	40-147	4	20	ug/kg	02/01/13 07:57	
Carbon tetrachloride	<0.843	56.8	61.5	108	82.3	144	54-148	29	20	ug/kg	02/01/13 07:57	F
Chlorobenzene	<0.658	56.8	56.2	99	63.0	110	71-117	11	20	ug/kg	02/01/13 07:57	
Chloroethane	<2.78	56.8	64.4	113	64.8	113	44-166	1	20	ug/kg	02/01/13 07:57	
Chloroform	<0.842	56.8	64.7	114	72.6	127	62-127	12	20	ug/kg	02/01/13 07:57	X
Chloromethane	<2.62	56.8	65.9	116	61.4	107	34-157	7	20	ug/kg	02/01/13 07:57	
cis-1,3-Dichloropropene	<0.612	56.8	54.1	95	58.8	103	63-128	8	20	ug/kg	02/01/13 07:57	
Cyclohexane	<1.07	56.8	58.3	103	75.0	131	53-145	25	20	ug/kg	02/01/13 07:57	F
Dibromochloromethane	<1.13	56.8	68.0	120	60.6	106	59-135	12	20	ug/kg	02/01/13 07:57	
Dichlorodifluoromethane	<1.34	56.8	66.3	117	67.3	118	16-171	1	20	ug/kg	02/01/13 07:57	
Ethylbenzene	<0.642	56.8	65.6	115	75.0	131	65-139	13	20	ug/kg	02/01/13 07:57	
Isopropylbenzene	<0.862	56.8	65.6	115	71.6	125	62-133	9	20	ug/kg	02/01/13 07:57	
m,p-Xylenes	<1.37	114	124	109	145	127	69-130	16	20	ug/kg	02/01/13 07:57	X
Methyl acetate	<1.07	56.8	110	194	68.8	120	20-170	46	20	ug/kg	02/01/13 07:57	XF
Methyl tert-butyl ether	<0.787	114	144	126	102	89	48-169	34	20	ug/kg	02/01/13 07:57	F
Methylcyclohexane	<1.24	56.8	65.0	114	89.2	156	57-149	31	20	ug/kg	02/01/13 07:57	XF
Methylene chloride	10.1	56.8	66.9	100	61.2	89	17-184	9	20	ug/kg	02/01/13 07:57	
Naphthalene	<1.48	56.8	61.6	108	41.9	73	27-157	38	20	ug/kg	02/01/13 07:57	F
o-Xylene	<0.813	56.8	57.2	101	67.5	118	71-124	17	20	ug/kg	02/01/13 07:57	
Styrene	<0.843	56.8	57.0	100	65.7	115	50-143	14	20	ug/kg	02/01/13 07:57	
Toluene	<0.668	56.8	54.4	96	65.4	114	65-128	18	20	ug/kg	02/01/13 07:57	
trans-1,2-Dichloroethene	<0.886	56.8	74.8	132	73.7	129	57-143	1	20	ug/kg	02/01/13 07:57	
trans-1,3-Dichloropropene	<0.761	56.8	65.4	115	64.5	113	55-141	1	20	ug/kg	02/01/13 07:57	
Trichlorofluoromethane	<3.99	56.8	67.1	118	68.5	120	34-179	2	20	ug/kg	02/01/13 07:57	
Vinyl chloride	<2.28	56.8	67.4	119	75.7	132	40-161	12	20	ug/kg	02/01/13 07:57	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 905960 Matrix: Soil Date Prep: 01/31/2013

Parent Sample Id: 456765-002 MS Sample Id: 456765-002 S MSD Sample Id: 456765-002 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	155	**	132		50-150	%	02/01/13 07:57
4-Bromofluorobenzene	97		94		57-158	%	02/01/13 07:57
Toluene-D8	91		100		50-150	%	02/01/13 07:57

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013
Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.897	59.5	68.7	115	68.7	116	62-137	0	20	ug/kg	02/01/13 20:58	
1,1,2,2-Tetrachloroethane	<1.41	59.5	60.1	101	49.9	85	64-128	19	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.32	59.5	74.4	125	77.2	131	33-177	4	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloroethane	<0.798	59.5	56.4	95	54.6	93	61-130	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethane	<0.955	59.5	60.9	102	63.0	107	65-136	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethene	<1.38	59.5	61.0	103	62.2	105	33-158	2	20	ug/kg	02/01/13 20:58	
1,2,3-Trichlorobenzene	<0.684	59.5	53.9	91	61.4	104	48-135	13	20	ug/kg	02/01/13 20:58	
1,2,4-Trichlorobenzene	<1.04	59.5	56.4	95	64.8	110	43-139	14	20	ug/kg	02/01/13 20:58	
1,2-Dibromo-3-chloropropane (DBCP)	<1.93	59.5	61.9	104	56.2	95	51-130	10	20	ug/kg	02/01/13 20:58	
1,2-Dibromoethane (EDB)	<1.03	59.5	56.7	95	56.4	96	69-132	1	20	ug/kg	02/01/13 20:58	
1,2-Dichlorobenzene	<1.54	59.5	65.1	109	61.3	104	71-120	6	20	ug/kg	02/01/13 20:58	
1,2-Dichloroethane	<0.711	59.5	71.3	120	65.8	112	53-140	8	20	ug/kg	02/01/13 20:58	
1,2-Dichloropropane	<1.11	59.5	54.5	92	53.3	90	68-126	2	20	ug/kg	02/01/13 20:58	
1,3-Dichlorobenzene	<1.19	59.5	67.2	113	62.5	106	68-127	7	20	ug/kg	02/01/13 20:58	
1,4-Dichlorobenzene	<0.815	59.5	69.7	117	66.3	112	72-118	5	20	ug/kg	02/01/13 20:58	
2-Butanone (MEK)	<10.8	119	122	103	116	98	42-147	5	20	ug/kg	02/01/13 20:58	
2-Hexanone	<1.34	119	118	99	123	104	32-142	4	20	ug/kg	02/01/13 20:58	
4-Methyl-2-pentanone (MIBK)	<3.85	119	112	94	111	94	34-149	1	20	ug/kg	02/01/13 20:58	
Acetone	<8.19	119	143	120	139	118	51-165	3	20	ug/kg	02/01/13 20:58	
Benzene	<0.611	59.5	56.3	95	57.3	97	65-135	2	20	ug/kg	02/01/13 20:58	
Bromochloromethane	<1.20	59.5	55.6	93	59.9	102	66-137	7	20	ug/kg	02/01/13 20:58	
Bromodichloromethane	<0.597	59.5	67.1	113	65.1	110	60-129	3	20	ug/kg	02/01/13 20:58	
Bromoform	<1.14	59.5	69.6	117	61.4	104	48-147	13	20	ug/kg	02/01/13 20:58	
Bromomethane	<2.93	59.5	49.3	83	51.5	87	42-170	4	20	ug/kg	02/01/13 20:58	
Carbon disulfide	<1.73	59.5	57.5	97	59.8	101	40-147	4	20	ug/kg	02/01/13 20:58	
Carbon tetrachloride	<0.884	59.5	74.6	125	73.9	125	54-148	1	20	ug/kg	02/01/13 20:58	
Chlorobenzene	<0.690	59.5	58.6	98	59.1	100	71-117	1	20	ug/kg	02/01/13 20:58	
Chloroethane	<2.91	59.5	45.6	77	51.1	87	44-166	11	20	ug/kg	02/01/13 20:58	
Chloroform	<0.882	59.5	60.8	102	60.2	102	62-127	1	20	ug/kg	02/01/13 20:58	
Chloromethane	<2.74	59.5	37.6	63	41.8	71	34-157	11	20	ug/kg	02/01/13 20:58	
cis-1,2-Dichloroethene	<0.788	59.5	57.8	97	58.9	100	41-155	2	20	ug/kg	02/01/13 20:58	
cis-1,3-Dichloropropene	<0.642	59.5	62.8	106	62.0	105	63-128	1	20	ug/kg	02/01/13 20:58	
Cyclohexane	<1.13	59.5	61.6	104	62.3	106	53-145	1	20	ug/kg	02/01/13 20:58	
Dibromochloromethane	<1.18	59.5	66.7	112	63.6	108	59-135	5	20	ug/kg	02/01/13 20:58	
Dichlorodifluoromethane	<1.41	59.5	27.9	47	29.0	49	16-171	4	20	ug/kg	02/01/13 20:58	
Ethylbenzene	<0.673	59.5	64.8	109	65.2	111	65-139	1	20	ug/kg	02/01/13 20:58	
Isopropylbenzene	<0.904	59.5	72.1	121	64.9	110	62-133	11	20	ug/kg	02/01/13 20:58	
m,p-Xylenes	<1.44	119	128	108	127	108	69-130	1	20	ug/kg	02/01/13 20:58	
Methyl acetate	<1.13	59.5	59.7	100	57.4	97	20-170	4	20	ug/kg	02/01/13 20:58	
Methyl tert-butyl ether	<0.825	119	120	101	118	100	48-169	2	20	ug/kg	02/01/13 20:58	
Methylcyclohexane	<1.30	59.5	61.9	104	71.2	121	57-149	14	20	ug/kg	02/01/13 20:58	
Methylene chloride	7.51	59.5	57.0	83	57.9	85	17-184	2	20	ug/kg	02/01/13 20:58	
Naphthalene	<1.55	59.5	49.6	83	54.4	92	27-157	9	20	ug/kg	02/01/13 20:58	
o-Xylene	<0.853	59.5	62.3	105	61.4	104	71-124	1	20	ug/kg	02/01/13 20:58	
Styrene	<0.884	59.5	62.2	105	62.4	106	50-143	0	20	ug/kg	02/01/13 20:58	
Tetrachloroethene	10.1	59.5	104	158	116	179	42-156	11	20	ug/kg	02/01/13 20:58	X
Toluene	<0.700	59.5	57.7	97	58.7	99	65-128	2	20	ug/kg	02/01/13 20:58	
trans-1,2-Dichloroethene	<0.929	59.5	57.7	97	61.3	104	57-143	6	20	ug/kg	02/01/13 20:58	
trans-1,3-Dichloropropene	<0.798	59.5	67.6	114	65.6	111	55-141	3	20	ug/kg	02/01/13 20:58	

QC Summary 456807

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013

Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.842	59.5	63.0	106	65.9	112	39-150	4	20	ug/kg	02/01/13 20:58	
Trichlorofluoromethane	<4.18	59.5	66.9	112	69.0	117	34-179	3	20	ug/kg	02/01/13 20:58	
Vinyl chloride	<2.39	59.5	49.8	84	48.3	82	40-161	3	20	ug/kg	02/01/13 20:58	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		106		50-150	%	02/01/13 20:58
4-Bromofluorobenzene	109		100		57-158	%	02/01/13 20:58
Toluene-D8	101		101		50-150	%	02/01/13 20:58

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260026 Page 1 of 1

Company-City: AEM, Inc **Phone:** 404-329-9006

Lab Only: WO # 456807

Proj Name-Location: ☒ Previously done at XENCO — ARAMARK - Dekalb **Project ID:** 1133-1301-1

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☒ PM or leona-miles@aem-net.com **Fax No:**

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tony L Gordon Signature: Tony L Gordon

	Sample ID	Sampling Date	Time	Depth (ft. in" m)	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TCLP Metals (Hg, Cd, Pb)	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks
1	SB-10 (6-8 FT)	1/31/13	1535	6-8	S		X	5	40/4	C	O	X														
2	SB-10 (10-12 FT)	1/31/13	1540	10-12	S		X	5	40/4	C	O	X														
3	SB-10 (14-16 FT)	1/31/13	1545	14-16	S		X	5	40/4	C	O	X														
4	SB-11 (0-2 FT)	1/31/13	1625	0-2	S		X	5	40/4	C	O	X														
5	SB-11 (5-6 FT)	1/31/13	1630	5-6	S		X	5	40/4	C	O	X														
6	SB-11 (10-12 FT)	1/31/13	1635	10-12	S		X	5	40/4	C	O	X														
7	SB-11 (14-15 FT)	1/31/13	1640	14-15	S		X	5	40/4	C	O	X														
8																										
9	Trip Blank	1/31/13	—	—	W		X	2	40	C	V	X														
10																										

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tony L Gordon	1/31/13 1803	2) Dan Rowan	1/31/13 1803
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 3.4 C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) DI H2O, Methanol

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 01/31/2013 06:03:00 PM

Work Order #: 456807

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: J. Derek Rounsley Date: 01/31/2013

Checklist reviewed by: Eben Buchanan Date: 01/31/2013

Analytical Report 456874

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

06-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

06-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456874**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456874. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456874 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-12 (0-2')	S	02-01-13 10:25	0 - 2 ft	456874-001
SB-12 (6-8')	S	02-01-13 10:30	6 - 8 ft	456874-002
SB-12 (10-12')	S	02-01-13 10:35	10 - 12 ft	456874-003
SB-12 (14-16')	S	02-01-13 10:40	14 - 16 ft	456874-004
SB-13 (2-4')	S	02-01-13 11:30	2 - 4 ft	456874-005
SB-13 (6-8')	S	02-01-13 11:35	6 - 8 ft	456874-006
SB-14 (2-4')	S	02-01-13 12:10	2 - 4 ft	456874-009
SB-14 (6-8')	S	02-01-13 12:15	6 - 8 ft	456874-010
Trip Blank 1	W	02-01-13 00:00		456874-013
Trip Blank 2	W	02-01-13 00:00		456874-014
SB-13 (10-12')	S	02-01-13 11:40	10 - 12 ft	Not Analyzed
SB-13 (14-16')	S	02-01-13 11:45	14 - 16 ft	Not Analyzed
SB-14 (10-12')	S	02-01-13 12:20	10 - 12 ft	Not Analyzed
SB-14 (14-16')	S	02-01-13 12:25	14 - 16 ft	Not Analyzed

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-906106 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906106, Vinyl chloride RPD was outside laboratory control limits.
Samples affected are: 456874-005, -001, -009, -004, -006, -010

SW8260B_ATL

Batch 906106, Tetrachloroethene recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate.
Samples affected are: 456874-005, -001, -009, -004, -006, -010.
The Laboratory Control Sample for Tetrachloroethene is within laboratory Control Limits

SW8260B_ATL

Batch 906106, 1,2-Dichloroethane-D4 recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis
Samples affected are: 456874-010.

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-12 (0-2')**	Matrix:	**Soil**	% Moisture:	**30.98**
Lab Sample Id:	**456874-001**	Date Collected:	**02.01.13 10.25**	Basis:	**Dry Weight**
Sample Depth:	**0 - 2 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	17.5	ug/kg	02.01.13 17.12		1

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-12 (6-8')**	Matrix:	**Soil**	% Moisture:	**24.66**
Lab Sample Id:	**456874-002**	Date Collected:	**02.01.13 10.30**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Date Prep: 02.02.13 11.42

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	6340	ug/kg	02.02.13 16.30		50

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-12 (10-12')**	Matrix:	**Soil**	% Moisture:	**20.65**
Lab Sample Id:	**456874-003**	Date Collected:	**02.01.13 10.35**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Date Prep: 02.02.13 11.42

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	941	ug/kg	02.02.13 16.57		50
Trichloroethene	79-01-6	4920	ug/kg	02.02.13 16.57		50

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Date Prep: 02.05.13 09.51

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	52200	ug/kg	02.05.13 19.31	D	500

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-12 (14-16')**	Matrix:	**Soil**	% Moisture:	**17.86**
Lab Sample Id:	**456874-004**	Date Collected:	**02.01.13 10.40**	Basis:	**Dry Weight**
Sample Depth:	**14 - 16 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	6.73	ug/kg	02.01.13 18.37		1
Tetrachloroethene	127-18-4	18.5	ug/kg	02.01.13 18.37		1
Trichloroethene	79-01-6	10.8	ug/kg	02.01.13 18.37		1

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-14 (2-4')**	Matrix:	**Soil**	% Moisture:	**16.03**
Lab Sample Id:	**456874-009**	Date Collected:	**02.01.13 12.10**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	4.70	ug/kg	02.01.13 20.02		1

Hits Summary 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-14 (6-8')**	Matrix:	**Soil**	% Moisture:	**18.76**
Lab Sample Id:	**456874-010**	Date Collected:	**02.01.13 12.15**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**02.01.13 14.11**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Date Prep: 02.01.13 09.32

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	7.56	ug/kg	02.01.13 20.29		1

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (0-2')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-001** Date Collected: 02.01.13 10.25 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 30.98
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,1-Dichloroethane	75-34-3	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,1-Dichloroethene	75-35-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2-Dichloroethane	107-06-2	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,2-Dichloropropane	78-87-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.40	ug/kg	02.01.13 17.12	U	1
2-Butanone (MEK)	78-93-3	BRL	64.0	ug/kg	02.01.13 17.12	U	1
2-Hexanone	591-78-6	BRL	64.0	ug/kg	02.01.13 17.12	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	64.0	ug/kg	02.01.13 17.12	U	1
Acetone	67-64-1	BRL	64.0	ug/kg	02.01.13 17.12	U	1
Benzene	71-43-2	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Bromochloromethane	74-97-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Bromodichloromethane	75-27-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Bromoform	75-25-2	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Bromomethane	74-83-9	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Carbon disulfide	75-15-0	BRL	51.2	ug/kg	02.01.13 17.12	U	1
Carbon tetrachloride	56-23-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Chlorobenzene	108-90-7	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Chloroethane	75-00-3	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Chloroform	67-66-3	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Chloromethane	74-87-3	BRL	12.8	ug/kg	02.01.13 17.12	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.40	ug/kg	02.01.13 17.12	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Cyclohexane	110-82-7	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Dibromochloromethane	124-48-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Ethylbenzene	100-41-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Isopropylbenzene	98-82-8	BRL	6.40	ug/kg	02.01.13 17.12	U	1
m,p-Xylenes	179601-23-1	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Methyl acetate	79-20-9	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Methylcyclohexane	108-87-2	BRL	6.40	ug/kg	02.01.13 17.12	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (0-2')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-001** Date Collected: 02.01.13 10.25 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 30.98

Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight

Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	25.6	ug/kg	02.01.13 17.12	U	1
Naphthalene	91-20-3	BRL	6.40	ug/kg	02.01.13 17.12	U	1
o-Xylene	95-47-6	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Styrene	100-42-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Tetrachloroethene	127-18-4	**17.5**	6.40	ug/kg	02.01.13 17.12		1
Toluene	108-88-3	BRL	6.40	ug/kg	02.01.13 17.12	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.40	ug/kg	02.01.13 17.12	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Trichloroethene	79-01-6	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Trichlorofluoromethane	75-69-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1
Vinyl chloride	75-01-4	BRL	6.40	ug/kg	02.01.13 17.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	50-150	02.01.13 17.12	
4-Bromofluorobenzene	460-00-4	106	%	57-158	02.01.13 17.12	
Toluene-D8	2037-26-5	103	%	50-150	02.01.13 17.12	

Certificate of Analytical Results 456874

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-002** Date Collected: 02.01.13 10.30 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 24.66
Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight
Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	253	ug/kg	02.02.13 16.30	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	253	ug/kg	02.02.13 16.30	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	253	ug/kg	02.02.13 16.30	U	50
1,1,2-Trichloroethane	79-00-5	BRL	253	ug/kg	02.02.13 16.30	U	50
1,1-Dichloroethane	75-34-3	BRL	253	ug/kg	02.02.13 16.30	U	50
1,1-Dichloroethene	75-35-4	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2-Dichlorobenzene	95-50-1	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2-Dichloroethane	107-06-2	BRL	253	ug/kg	02.02.13 16.30	U	50
1,2-Dichloropropane	78-87-5	BRL	253	ug/kg	02.02.13 16.30	U	50
1,3-Dichlorobenzene	541-73-1	BRL	253	ug/kg	02.02.13 16.30	U	50
1,4-Dichlorobenzene	106-46-7	BRL	253	ug/kg	02.02.13 16.30	U	50
2-Butanone (MEK)	78-93-3	BRL	2530	ug/kg	02.02.13 16.30	U	50
2-Hexanone	591-78-6	BRL	2530	ug/kg	02.02.13 16.30	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2530	ug/kg	02.02.13 16.30	U	50
Acetone	67-64-1	BRL	2530	ug/kg	02.02.13 16.30	U	50
Benzene	71-43-2	BRL	253	ug/kg	02.02.13 16.30	U	50
Bromochloromethane	74-97-5	BRL	253	ug/kg	02.02.13 16.30	U	50
Bromodichloromethane	75-27-4	BRL	253	ug/kg	02.02.13 16.30	U	50
Bromoform	75-25-2	BRL	253	ug/kg	02.02.13 16.30	U	50
Bromomethane	74-83-9	BRL	253	ug/kg	02.02.13 16.30	U	50
Carbon disulfide	75-15-0	BRL	2030	ug/kg	02.02.13 16.30	U	50
Carbon tetrachloride	56-23-5	BRL	253	ug/kg	02.02.13 16.30	U	50
Chlorobenzene	108-90-7	BRL	253	ug/kg	02.02.13 16.30	U	50
Chloroethane	75-00-3	BRL	253	ug/kg	02.02.13 16.30	U	50
Chloroform	67-66-3	BRL	253	ug/kg	02.02.13 16.30	U	50
Chloromethane	74-87-3	BRL	507	ug/kg	02.02.13 16.30	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	253	ug/kg	02.02.13 16.30	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	253	ug/kg	02.02.13 16.30	U	50
Cyclohexane	110-82-7	BRL	253	ug/kg	02.02.13 16.30	U	50
Dibromochloromethane	124-48-1	BRL	253	ug/kg	02.02.13 16.30	U	50
Dichlorodifluoromethane	75-71-8	BRL	253	ug/kg	02.02.13 16.30	U	50
Ethylbenzene	100-41-4	BRL	253	ug/kg	02.02.13 16.30	U	50
Isopropylbenzene	98-82-8	BRL	253	ug/kg	02.02.13 16.30	U	50
m,p-Xylenes	179601-23-1	BRL	253	ug/kg	02.02.13 16.30	U	50
Methyl acetate	79-20-9	BRL	253	ug/kg	02.02.13 16.30	U	50
Methyl tert-butyl ether	1634-04-4	BRL	253	ug/kg	02.02.13 16.30	U	50
Methylcyclohexane	108-87-2	BRL	253	ug/kg	02.02.13 16.30	U	50

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-002** Date Collected: 02.01.13 10.30 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 24.66

Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight

Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1010	ug/kg	02.02.13 16.30	U	50
Naphthalene	91-20-3	BRL	253	ug/kg	02.02.13 16.30	U	50
o-Xylene	95-47-6	BRL	253	ug/kg	02.02.13 16.30	U	50
Styrene	100-42-5	BRL	253	ug/kg	02.02.13 16.30	U	50
Tetrachloroethene	127-18-4	**6340**	253	ug/kg	02.02.13 16.30		50
Toluene	108-88-3	BRL	253	ug/kg	02.02.13 16.30	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	253	ug/kg	02.02.13 16.30	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	253	ug/kg	02.02.13 16.30	U	50
Trichloroethene	79-01-6	BRL	253	ug/kg	02.02.13 16.30	U	50
Trichlorofluoromethane	75-69-4	BRL	253	ug/kg	02.02.13 16.30	U	50
Vinyl chloride	75-01-4	BRL	253	ug/kg	02.02.13 16.30	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	02.02.13 16.30	
4-Bromofluorobenzene	460-00-4	112	%	57-158	02.02.13 16.30	
Toluene-D8	2037-26-5	101	%	50-150	02.02.13 16.30	

Certificate of Analytical Results 456874

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (10-12')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-003** Date Collected: 02.01.13 10.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 20.65
Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight
Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	323	ug/kg	02.02.13 16.57	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	323	ug/kg	02.02.13 16.57	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	323	ug/kg	02.02.13 16.57	U	50
1,1,2-Trichloroethane	79-00-5	BRL	323	ug/kg	02.02.13 16.57	U	50
1,1-Dichloroethane	75-34-3	BRL	323	ug/kg	02.02.13 16.57	U	50
1,1-Dichloroethene	75-35-4	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2-Dichlorobenzene	95-50-1	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2-Dichloroethane	107-06-2	BRL	323	ug/kg	02.02.13 16.57	U	50
1,2-Dichloropropane	78-87-5	BRL	323	ug/kg	02.02.13 16.57	U	50
1,3-Dichlorobenzene	541-73-1	BRL	323	ug/kg	02.02.13 16.57	U	50
1,4-Dichlorobenzene	106-46-7	BRL	323	ug/kg	02.02.13 16.57	U	50
2-Butanone (MEK)	78-93-3	BRL	3230	ug/kg	02.02.13 16.57	U	50
2-Hexanone	591-78-6	BRL	3230	ug/kg	02.02.13 16.57	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3230	ug/kg	02.02.13 16.57	U	50
Acetone	67-64-1	BRL	3230	ug/kg	02.02.13 16.57	U	50
Benzene	71-43-2	BRL	323	ug/kg	02.02.13 16.57	U	50
Bromochloromethane	74-97-5	BRL	323	ug/kg	02.02.13 16.57	U	50
Bromodichloromethane	75-27-4	BRL	323	ug/kg	02.02.13 16.57	U	50
Bromoform	75-25-2	BRL	323	ug/kg	02.02.13 16.57	U	50
Bromomethane	74-83-9	BRL	323	ug/kg	02.02.13 16.57	U	50
Carbon disulfide	75-15-0	BRL	2590	ug/kg	02.02.13 16.57	U	50
Carbon tetrachloride	56-23-5	BRL	323	ug/kg	02.02.13 16.57	U	50
Chlorobenzene	108-90-7	BRL	323	ug/kg	02.02.13 16.57	U	50
Chloroethane	75-00-3	BRL	323	ug/kg	02.02.13 16.57	U	50
Chloroform	67-66-3	BRL	323	ug/kg	02.02.13 16.57	U	50
Chloromethane	74-87-3	BRL	647	ug/kg	02.02.13 16.57	U	50
cis-1,2-Dichloroethene	156-59-2	**941**	323	ug/kg	02.02.13 16.57		50
cis-1,3-Dichloropropene	10061-01-5	BRL	323	ug/kg	02.02.13 16.57	U	50
Cyclohexane	110-82-7	BRL	323	ug/kg	02.02.13 16.57	U	50
Dibromochloromethane	124-48-1	BRL	323	ug/kg	02.02.13 16.57	U	50
Dichlorodifluoromethane	75-71-8	BRL	323	ug/kg	02.02.13 16.57	U	50
Ethylbenzene	100-41-4	BRL	323	ug/kg	02.02.13 16.57	U	50
Isopropylbenzene	98-82-8	BRL	323	ug/kg	02.02.13 16.57	U	50
m,p-Xylenes	179601-23-1	BRL	323	ug/kg	02.02.13 16.57	U	50
Methyl acetate	79-20-9	BRL	323	ug/kg	02.02.13 16.57	U	50
Methyl tert-butyl ether	1634-04-4	BRL	323	ug/kg	02.02.13 16.57	U	50
Methylcyclohexane	108-87-2	BRL	323	ug/kg	02.02.13 16.57	U	50

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (10-12')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-003** Date Collected: 02.01.13 10.35 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 20.65

Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight

Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1290	ug/kg	02.02.13 16.57	U	50
Naphthalene	91-20-3	BRL	323	ug/kg	02.02.13 16.57	U	50
o-Xylene	95-47-6	BRL	323	ug/kg	02.02.13 16.57	U	50
Styrene	100-42-5	BRL	323	ug/kg	02.02.13 16.57	U	50
Tetrachloroethene	127-18-4	**52200**	3230	ug/kg	02.05.13 19.31	D	500
Toluene	108-88-3	BRL	323	ug/kg	02.02.13 16.57	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	323	ug/kg	02.02.13 16.57	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	323	ug/kg	02.02.13 16.57	U	50
Trichloroethene	79-01-6	**4920**	323	ug/kg	02.02.13 16.57		50
Trichlorofluoromethane	75-69-4	BRL	323	ug/kg	02.02.13 16.57	U	50
Vinyl chloride	75-01-4	BRL	323	ug/kg	02.02.13 16.57	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	120	%	50-150	02.02.13 16.57	
4-Bromofluorobenzene	460-00-4	116	%	57-158	02.02.13 16.57	
Toluene-D8	2037-26-5	102	%	50-150	02.02.13 16.57	

Certificate of Analytical Results 456874

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (14-16')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-004** Date Collected: 02.01.13 10.40 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.86
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,1-Dichloroethane	75-34-3	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,1-Dichloroethene	75-35-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2-Dichloroethane	107-06-2	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,2-Dichloropropane	78-87-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.06	ug/kg	02.01.13 18.37	U	1
2-Butanone (MEK)	78-93-3	BRL	50.6	ug/kg	02.01.13 18.37	U	1
2-Hexanone	591-78-6	BRL	50.6	ug/kg	02.01.13 18.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50.6	ug/kg	02.01.13 18.37	U	1
Acetone	67-64-1	BRL	50.6	ug/kg	02.01.13 18.37	U	1
Benzene	71-43-2	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Bromochloromethane	74-97-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Bromodichloromethane	75-27-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Bromoform	75-25-2	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Bromomethane	74-83-9	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Carbon disulfide	75-15-0	BRL	40.5	ug/kg	02.01.13 18.37	U	1
Carbon tetrachloride	56-23-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Chlorobenzene	108-90-7	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Chloroethane	75-00-3	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Chloroform	67-66-3	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Chloromethane	74-87-3	BRL	10.1	ug/kg	02.01.13 18.37	U	1
cis-1,2-Dichloroethene	156-59-2	**6.73**	5.06	ug/kg	02.01.13 18.37		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Cyclohexane	110-82-7	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Dibromochloromethane	124-48-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Ethylbenzene	100-41-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Isopropylbenzene	98-82-8	BRL	5.06	ug/kg	02.01.13 18.37	U	1
m,p-Xylenes	179601-23-1	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Methyl acetate	79-20-9	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Methylcyclohexane	108-87-2	BRL	5.06	ug/kg	02.01.13 18.37	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-12 (14-16')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-004** Date Collected: 02.01.13 10.40 **Sample Depth:** 14 - 16 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 17.86

Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight

Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	20.3	ug/kg	02.01.13 18.37	U	1
Naphthalene	91-20-3	BRL	5.06	ug/kg	02.01.13 18.37	U	1
o-Xylene	95-47-6	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Styrene	100-42-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Tetrachloroethene	127-18-4	**18.5**	5.06	ug/kg	02.01.13 18.37		1
Toluene	108-88-3	BRL	5.06	ug/kg	02.01.13 18.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.06	ug/kg	02.01.13 18.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Trichloroethene	79-01-6	**10.8**	5.06	ug/kg	02.01.13 18.37		1
Trichlorofluoromethane	75-69-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1
Vinyl chloride	75-01-4	BRL	5.06	ug/kg	02.01.13 18.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	50-150	02.01.13 18.37	
4-Bromofluorobenzene	460-00-4	97	%	57-158	02.01.13 18.37	
Toluene-D8	2037-26-5	97	%	50-150	02.01.13 18.37	

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-13 (2-4')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-005** Date Collected: 02.01.13 11.30 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.76
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,1-Dichloroethane	75-34-3	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,1-Dichloroethene	75-35-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2-Dichloroethane	107-06-2	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,2-Dichloropropane	78-87-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.91	ug/kg	02.01.13 19.06	U	1
2-Butanone (MEK)	78-93-3	BRL	49.1	ug/kg	02.01.13 19.06	U	1
2-Hexanone	591-78-6	BRL	49.1	ug/kg	02.01.13 19.06	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	49.1	ug/kg	02.01.13 19.06	U	1
Acetone	67-64-1	BRL	49.1	ug/kg	02.01.13 19.06	U	1
Benzene	71-43-2	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Bromochloromethane	74-97-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Bromodichloromethane	75-27-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Bromoform	75-25-2	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Bromomethane	74-83-9	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Carbon disulfide	75-15-0	BRL	39.3	ug/kg	02.01.13 19.06	U	1
Carbon tetrachloride	56-23-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Chlorobenzene	108-90-7	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Chloroethane	75-00-3	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Chloroform	67-66-3	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Chloromethane	74-87-3	BRL	9.82	ug/kg	02.01.13 19.06	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.91	ug/kg	02.01.13 19.06	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Cyclohexane	110-82-7	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Dibromochloromethane	124-48-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Ethylbenzene	100-41-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Isopropylbenzene	98-82-8	BRL	4.91	ug/kg	02.01.13 19.06	U	1
m,p-Xylenes	179601-23-1	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Methyl acetate	79-20-9	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Methylcyclohexane	108-87-2	BRL	4.91	ug/kg	02.01.13 19.06	U	1

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-13 (2-4')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-005** Date Collected: 02.01.13 11.30 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 21.76
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	19.6	ug/kg	02.01.13 19.06	U	1
Naphthalene	91-20-3	BRL	4.91	ug/kg	02.01.13 19.06	U	1
o-Xylene	95-47-6	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Styrene	100-42-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Tetrachloroethene	127-18-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Toluene	108-88-3	BRL	4.91	ug/kg	02.01.13 19.06	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.91	ug/kg	02.01.13 19.06	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Trichloroethene	79-01-6	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Trichlorofluoromethane	75-69-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1
Vinyl chloride	75-01-4	BRL	4.91	ug/kg	02.01.13 19.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	50-150	02.01.13 19.06	
4-Bromofluorobenzene	460-00-4	106	%	57-158	02.01.13 19.06	
Toluene-D8	2037-26-5	104	%	50-150	02.01.13 19.06	

Certificate of Analytical Results 456874

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-13 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-006** Date Collected: 02.01.13 11.35 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 20.56
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,1-Dichloroethane	75-34-3	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,1-Dichloroethene	75-35-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2-Dichloroethane	107-06-2	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,2-Dichloropropane	78-87-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.13	ug/kg	02.01.13 19.34	U	1
2-Butanone (MEK)	78-93-3	BRL	41.3	ug/kg	02.01.13 19.34	U	1
2-Hexanone	591-78-6	BRL	41.3	ug/kg	02.01.13 19.34	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	41.3	ug/kg	02.01.13 19.34	U	1
Acetone	67-64-1	BRL	41.3	ug/kg	02.01.13 19.34	U	1
Benzene	71-43-2	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Bromochloromethane	74-97-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Bromodichloromethane	75-27-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Bromoform	75-25-2	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Bromomethane	74-83-9	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Carbon disulfide	75-15-0	BRL	33.0	ug/kg	02.01.13 19.34	U	1
Carbon tetrachloride	56-23-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Chlorobenzene	108-90-7	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Chloroethane	75-00-3	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Chloroform	67-66-3	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Chloromethane	74-87-3	BRL	8.26	ug/kg	02.01.13 19.34	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.13	ug/kg	02.01.13 19.34	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Cyclohexane	110-82-7	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Dibromochloromethane	124-48-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Ethylbenzene	100-41-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Isopropylbenzene	98-82-8	BRL	4.13	ug/kg	02.01.13 19.34	U	1
m,p-Xylenes	179601-23-1	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Methyl acetate	79-20-9	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Methylcyclohexane	108-87-2	BRL	4.13	ug/kg	02.01.13 19.34	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-13 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-006** Date Collected: 02.01.13 11.35 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 20.56

Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight

Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	16.5	ug/kg	02.01.13 19.34	U	1
Naphthalene	91-20-3	BRL	4.13	ug/kg	02.01.13 19.34	U	1
o-Xylene	95-47-6	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Styrene	100-42-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Tetrachloroethene	127-18-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Toluene	108-88-3	BRL	4.13	ug/kg	02.01.13 19.34	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.13	ug/kg	02.01.13 19.34	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Trichloroethene	79-01-6	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Trichlorofluoromethane	75-69-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1
Vinyl chloride	75-01-4	BRL	4.13	ug/kg	02.01.13 19.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	137	%	50-150	02.01.13 19.34	
4-Bromofluorobenzene	460-00-4	101	%	57-158	02.01.13 19.34	
Toluene-D8	2037-26-5	102	%	50-150	02.01.13 19.34	

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-14 (2-4')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-009** Date Collected: 02.01.13 12.10 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 16.03
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,1-Dichloroethane	75-34-3	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,1-Dichloroethene	75-35-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2-Dichloroethane	107-06-2	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,2-Dichloropropane	78-87-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.15	ug/kg	02.01.13 20.02	U	1
2-Butanone (MEK)	78-93-3	BRL	41.5	ug/kg	02.01.13 20.02	U	1
2-Hexanone	591-78-6	BRL	41.5	ug/kg	02.01.13 20.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	41.5	ug/kg	02.01.13 20.02	U	1
Acetone	67-64-1	BRL	41.5	ug/kg	02.01.13 20.02	U	1
Benzene	71-43-2	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Bromochloromethane	74-97-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Bromodichloromethane	75-27-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Bromoform	75-25-2	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Bromomethane	74-83-9	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Carbon disulfide	75-15-0	BRL	33.2	ug/kg	02.01.13 20.02	U	1
Carbon tetrachloride	56-23-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Chlorobenzene	108-90-7	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Chloroethane	75-00-3	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Chloroform	67-66-3	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Chloromethane	74-87-3	BRL	8.29	ug/kg	02.01.13 20.02	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.15	ug/kg	02.01.13 20.02	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Cyclohexane	110-82-7	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Dibromochloromethane	124-48-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Ethylbenzene	100-41-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Isopropylbenzene	98-82-8	BRL	4.15	ug/kg	02.01.13 20.02	U	1
m,p-Xylenes	179601-23-1	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Methyl acetate	79-20-9	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Methyl tert-butyl ether	1634-04-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Methylcyclohexane	108-87-2	BRL	4.15	ug/kg	02.01.13 20.02	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-14 (2-4')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-009** Date Collected: 02.01.13 12.10 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 16.03

Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight

Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	16.6	ug/kg	02.01.13 20.02	U	1
Naphthalene	91-20-3	BRL	4.15	ug/kg	02.01.13 20.02	U	1
o-Xylene	95-47-6	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Styrene	100-42-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Tetrachloroethene	127-18-4	**4.70**	4.15	ug/kg	02.01.13 20.02		1
Toluene	108-88-3	BRL	4.15	ug/kg	02.01.13 20.02	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.15	ug/kg	02.01.13 20.02	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Trichloroethene	79-01-6	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Trichlorofluoromethane	75-69-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1
Vinyl chloride	75-01-4	BRL	4.15	ug/kg	02.01.13 20.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	137	%	50-150	02.01.13 20.02	
4-Bromofluorobenzene	460-00-4	99	%	57-158	02.01.13 20.02	
Toluene-D8	2037-26-5	102	%	50-150	02.01.13 20.02	

Certificate of Analytical Results 456874

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-14 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11
Lab Sample Id: **456874-010** Date Collected: 02.01.13 12.15 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 18.76
Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight
Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,1-Dichloroethane	75-34-3	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,1-Dichloroethene	75-35-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2-Dichloroethane	107-06-2	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,2-Dichloropropane	78-87-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.87	ug/kg	02.01.13 20.29	U	1
2-Butanone (MEK)	78-93-3	BRL	58.7	ug/kg	02.01.13 20.29	U	1
2-Hexanone	591-78-6	BRL	58.7	ug/kg	02.01.13 20.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	58.7	ug/kg	02.01.13 20.29	U	1
Acetone	67-64-1	BRL	58.7	ug/kg	02.01.13 20.29	U	1
Benzene	71-43-2	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Bromochloromethane	74-97-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Bromodichloromethane	75-27-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Bromoform	75-25-2	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Bromomethane	74-83-9	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Carbon disulfide	75-15-0	BRL	47.0	ug/kg	02.01.13 20.29	U	1
Carbon tetrachloride	56-23-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Chlorobenzene	108-90-7	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Chloroethane	75-00-3	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Chloroform	67-66-3	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Chloromethane	74-87-3	BRL	11.7	ug/kg	02.01.13 20.29	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.87	ug/kg	02.01.13 20.29	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Cyclohexane	110-82-7	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Dibromochloromethane	124-48-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Ethylbenzene	100-41-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Isopropylbenzene	98-82-8	BRL	5.87	ug/kg	02.01.13 20.29	U	1
m,p-Xylenes	179601-23-1	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Methyl acetate	79-20-9	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Methylcyclohexane	108-87-2	BRL	5.87	ug/kg	02.01.13 20.29	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-14 (6-8')** Matrix: Soil Date Received: 02.01.13 14.11

Lab Sample Id: **456874-010** Date Collected: 02.01.13 12.15 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 18.76

Analyst: MLA Date Prep: 02.01.13 09.32 Basis: Dry Weight

Seq Number: 906106

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.5	ug/kg	02.01.13 20.29	U	1
Naphthalene	91-20-3	BRL	5.87	ug/kg	02.01.13 20.29	U	1
o-Xylene	95-47-6	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Styrene	100-42-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Tetrachloroethene	127-18-4	**7.56**	5.87	ug/kg	02.01.13 20.29		1
Toluene	108-88-3	BRL	5.87	ug/kg	02.01.13 20.29	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.87	ug/kg	02.01.13 20.29	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Trichloroethene	79-01-6	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Trichlorofluoromethane	75-69-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1
Vinyl chloride	75-01-4	BRL	5.87	ug/kg	02.01.13 20.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	154	%	50-150	02.01.13 20.29	**
4-Bromofluorobenzene	460-00-4	98	%	57-158	02.01.13 20.29	
Toluene-D8	2037-26-5	101	%	50-150	02.01.13 20.29	

Certificate of Analytical Results 456874

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 1** Matrix: Water Date Received: 02.01.13 14.11
Lab Sample Id: **456874-013** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.02.13 11.42
Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.02.13 15.37	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.02.13 15.37	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.02.13 15.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.02.13 15.37	U	1
Acetone	67-64-1	BRL	50	ug/L	02.02.13 15.37	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.02.13 15.37	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.02.13 15.37	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.02.13 15.37	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.02.13 15.37	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.02.13 15.37	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.02.13 15.37	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.02.13 15.37	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.02.13 15.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.02.13 15.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.02.13 15.37	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.02.13 15.37	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.02.13 15.37	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.02.13 15.37	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.02.13 15.37	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.02.13 15.37	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 1** Matrix: Water Date Received: 02.01.13 14.11

Lab Sample Id: **456874-013** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 02.02.13 11.42

Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.02.13 15.37	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.02.13 15.37	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.02.13 15.37	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.02.13 15.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.02.13 15.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.02.13 15.37	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.02.13 15.37	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.02.13 15.37	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.02.13 15.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	128	%	53-159	02.02.13 15.37	
4-Bromofluorobenzene	460-00-4	120	%	30-186	02.02.13 15.37	
Toluene-D8	2037-26-5	102	%	70-130	02.02.13 15.37	

Certificate of Analytical Results 456874

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 2** Matrix: Water Date Received: 02.01.13 14.11
Lab Sample Id: **456874-014** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.02.13 11.42
Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.02.13 16.04	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.02.13 16.04	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.02.13 16.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.02.13 16.04	U	1
Acetone	67-64-1	BRL	50	ug/L	02.02.13 16.04	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.02.13 16.04	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.02.13 16.04	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.02.13 16.04	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.02.13 16.04	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.02.13 16.04	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.02.13 16.04	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.02.13 16.04	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.02.13 16.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.02.13 16.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.02.13 16.04	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.02.13 16.04	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.02.13 16.04	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.02.13 16.04	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.02.13 16.04	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.02.13 16.04	U	1

Certificate of Analytical Results 456874

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank 2** Matrix: Water Date Received: 02.01.13 14.11

Lab Sample Id: **456874-014** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 02.02.13 11.42

Seq Number: 906101

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.02.13 16.04	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.02.13 16.04	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.02.13 16.04	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.02.13 16.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.02.13 16.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.02.13 16.04	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.02.13 16.04	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.02.13 16.04	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.02.13 16.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	130	%	53-159	02.02.13 16.04	
4-Bromofluorobenzene	460-00-4	116	%	30-186	02.02.13 16.04	
Toluene-D8	2037-26-5	100	%	70-130	02.02.13 16.04	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013
MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	59.7	119	53.2	106	62-139	12	20	ug/kg	02/01/13 10:26	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.5	99	48.9	98	67-123	1	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	72.9	146	61.4	123	37-166	17	20	ug/kg	02/01/13 10:26	
1,1,2-Trichloroethane	<0.670	50.0	50.2	100	48.8	98	68-123	3	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethane	<0.802	50.0	52.5	105	49.5	99	73-121	6	20	ug/kg	02/01/13 10:26	
1,1-Dichloroethene	<1.16	50.0	56.6	113	49.4	99	56-137	14	20	ug/kg	02/01/13 10:26	
1,2,3-Trichlorobenzene	<0.574	50.0	61.8	124	58.8	118	60-137	5	20	ug/kg	02/01/13 10:26	
1,2,4-Trichlorobenzene	<0.873	50.0	62.3	125	58.1	116	59-138	7	20	ug/kg	02/01/13 10:26	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.2	108	56.9	114	59-127	5	20	ug/kg	02/01/13 10:26	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.7	99	49.7	99	70-131	0	20	ug/kg	02/01/13 10:26	
1,2-Dichlorobenzene	<1.29	50.0	55.6	111	53.7	107	76-120	3	20	ug/kg	02/01/13 10:26	
1,2-Dichloroethane	<0.597	50.0	57.9	116	56.7	113	60-136	2	20	ug/kg	02/01/13 10:26	
1,2-Dichloropropane	<0.929	50.0	46.3	93	44.1	88	73-120	5	20	ug/kg	02/01/13 10:26	
1,3-Dichlorobenzene	<0.997	50.0	56.4	113	52.2	104	76-125	8	20	ug/kg	02/01/13 10:26	
1,4-Dichlorobenzene	<0.684	50.0	59.2	118	54.1	108	75-120	9	20	ug/kg	02/01/13 10:26	
2-Butanone (MEK)	<9.11	100	111	111	115	115	55-143	4	20	ug/kg	02/01/13 10:26	
2-Hexanone	<1.13	100	114	114	123	123	53-142	8	20	ug/kg	02/01/13 10:26	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	111	111	55-138	10	20	ug/kg	02/01/13 10:26	
Acetone	<6.88	100	119	119	118	118	51-165	1	20	ug/kg	02/01/13 10:26	
Benzene	<0.513	50.0	48.7	97	43.5	87	72-126	11	20	ug/kg	02/01/13 10:26	
Bromochloromethane	<1.01	50.0	49.8	100	49.1	98	79-119	1	20	ug/kg	02/01/13 10:26	
Bromodichloromethane	<0.501	50.0	56.1	112	54.1	108	72-126	4	20	ug/kg	02/01/13 10:26	
Bromoform	<0.959	50.0	53.7	107	55.3	111	62-140	3	20	ug/kg	02/01/13 10:26	
Bromomethane	<2.46	50.0	47.8	96	45.8	92	50-156	4	20	ug/kg	02/01/13 10:26	
Carbon disulfide	<1.46	50.0	53.0	106	47.2	94	42-150	12	20	ug/kg	02/01/13 10:26	
Carbon tetrachloride	<0.742	50.0	65.5	131	56.3	113	55-151	15	20	ug/kg	02/01/13 10:26	
Chlorobenzene	<0.579	50.0	50.3	101	48.0	96	80-111	5	20	ug/kg	02/01/13 10:26	
Chloroethane	<2.45	50.0	53.6	107	45.2	90	54-150	17	20	ug/kg	02/01/13 10:26	
Chloroform	<0.741	50.0	53.3	107	46.8	94	73-117	13	20	ug/kg	02/01/13 10:26	
Chloromethane	<2.30	50.0	44.5	89	43.8	88	40-155	2	20	ug/kg	02/01/13 10:26	
cis-1,2-Dichloroethene	<0.662	50.0	47.0	94	49.4	99	71-122	5	20	ug/kg	02/01/13 10:26	
cis-1,3-Dichloropropene	<0.539	50.0	52.0	104	50.2	100	71-129	4	20	ug/kg	02/01/13 10:26	
Cyclohexane	<0.945	50.0	55.5	111	48.0	96	53-141	14	20	ug/kg	02/01/13 10:26	
Dibromochloromethane	<0.994	50.0	57.0	114	56.5	113	68-131	1	20	ug/kg	02/01/13 10:26	
Dichlorodifluoromethane	<1.18	50.0	44.0	88	37.6	75	12-177	16	20	ug/kg	02/01/13 10:26	
Ethylbenzene	<0.565	50.0	56.4	113	52.3	105	74-131	8	20	ug/kg	02/01/13 10:26	
Isopropylbenzene	<0.759	50.0	57.9	116	52.4	105	73-126	10	20	ug/kg	02/01/13 10:26	
m,p-Xylenes	<1.21	100	112	112	103	103	78-122	8	20	ug/kg	02/01/13 10:26	
Methyl acetate	<0.946	50.0	56.7	113	59.8	120	50-150	5	20	ug/kg	02/01/13 10:26	
Methyl tert-butyl ether	<0.693	100	103	103	103	103	50-162	0	20	ug/kg	02/01/13 10:26	
Methylcyclohexane	<1.09	50.0	57.6	115	52.5	105	54-147	9	20	ug/kg	02/01/13 10:26	
Methylene chloride	<2.17	50.0	56.1	112	50.3	101	61-137	11	20	ug/kg	02/01/13 10:26	
Naphthalene	<1.30	50.0	52.1	104	54.2	108	50-151	4	20	ug/kg	02/01/13 10:26	
o-Xylene	<0.716	50.0	53.0	106	50.1	100	76-121	6	20	ug/kg	02/01/13 10:26	
Styrene	<0.742	50.0	53.3	107	52.3	105	81-117	2	20	ug/kg	02/01/13 10:26	
Tetrachloroethene	<1.04	50.0	56.9	114	50.8	102	70-127	11	20	ug/kg	02/01/13 10:26	
Toluene	<0.588	50.0	50.1	100	46.1	92	75-118	8	20	ug/kg	02/01/13 10:26	
trans-1,2-Dichloroethene	<0.780	50.0	54.3	109	47.6	95	63-137	13	20	ug/kg	02/01/13 10:26	
trans-1,3-Dichloropropene	<0.670	50.0	57.1	114	56.8	114	61-143	1	20	ug/kg	02/01/13 10:26	

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Solid Date Prep: 02/01/2013

MB Sample Id: 633289-1-BLK LCS Sample Id: 633289-1-BKS LCSD Sample Id: 633289-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	53.4	107	54.2	108	73-123	1	20	ug/kg	02/01/13 10:26	
Trichlorofluoromethane	<3.51	50.0	59.2	118	56.7	113	47-165	4	20	ug/kg	02/01/13 10:26	
Vinyl chloride	<2.01	50.0	53.6	107	42.8	86	57-139	22	20	ug/kg	02/01/13 10:26	F

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	134		112		117		50-150	%	02/01/13 10:26
4-Bromofluorobenzene	104		101		100		57-158	%	02/01/13 10:26
Toluene-D8	102		100		100		50-150	%	02/01/13 10:26

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013
MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	60	120	63	126	56-141	5	20	ug/L	02/02/13 12:34	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	52	104	64-135	6	20	ug/L	02/02/13 12:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	56	112	54	108	54-134	4	20	ug/L	02/02/13 12:34	
1,1,2-Trichloroethane	<0.88	50	47	94	52	104	73-123	10	20	ug/L	02/02/13 12:34	
1,1-Dichloroethane	<0.74	50	54	108	56	112	66-126	4	20	ug/L	02/02/13 12:34	
1,1-Dichloroethene	<0.98	50	53	106	56	112	65-129	6	20	ug/L	02/02/13 12:34	
1,2,3-Trichlorobenzene	<2.6	50	40	80	42	84	56-146	5	20	ug/L	02/02/13 12:34	
1,2,4-Trichlorobenzene	<1.3	50	38	76	41	82	62-141	8	20	ug/L	02/02/13 12:34	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	60	120	64	128	48-144	6	20	ug/L	02/02/13 12:34	
1,2-Dibromoethane (EDB)	<0.79	50	53	106	57	114	70-130	7	20	ug/L	02/02/13 12:34	
1,2-Dichlorobenzene	<0.73	50	47	94	50	100	77-123	6	20	ug/L	02/02/13 12:34	
1,2-Dichloroethane	<0.82	50	60	120	62	124	57-137	3	20	ug/L	02/02/13 12:34	
1,2-Dichloropropane	<0.81	50	46	92	49	98	74-121	6	20	ug/L	02/02/13 12:34	
1,3-Dichlorobenzene	<0.74	50	45	90	48	96	79-120	6	20	ug/L	02/02/13 12:34	
1,4-Dichlorobenzene	<0.59	50	45	90	47	94	77-119	4	20	ug/L	02/02/13 12:34	
2-Butanone (MEK)	<1.3	100	93	93	100	100	42-165	7	20	ug/L	02/02/13 12:34	
2-Hexanone	<2.5	100	94	94	100	100	46-157	6	20	ug/L	02/02/13 12:34	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	97	97	54-145	4	20	ug/L	02/02/13 12:34	
Acetone	<1.4	100	110	110	120	120	42-178	9	20	ug/L	02/02/13 12:34	
Benzene	<0.67	50	49	98	52	104	76-119	6	20	ug/L	02/02/13 12:34	
Bromochloromethane	<0.47	50	56	112	55	110	75-123	2	20	ug/L	02/02/13 12:34	
Bromodichloromethane	<0.96	50	59	118	61	122	69-131	3	20	ug/L	02/02/13 12:34	
Bromoform	<1.4	50	52	104	55	110	66-130	6	20	ug/L	02/02/13 12:34	
Bromomethane	<2.7	50	55	110	53	106	59-141	4	20	ug/L	02/02/13 12:34	
Carbon disulfide	<0.73	50	56	112	59	118	47-144	5	20	ug/L	02/02/13 12:34	
Carbon tetrachloride	<0.89	50	58	116	61	122	46-155	5	20	ug/L	02/02/13 12:34	
Chlorobenzene	<0.59	50	49	98	52	104	81-114	6	20	ug/L	02/02/13 12:34	
Chloroethane	<0.23	50	49	98	50	100	63-133	2	20	ug/L	02/02/13 12:34	
Chloroform	<1.4	50	55	110	58	116	68-127	5	20	ug/L	02/02/13 12:34	
Chloromethane	<1.2	50	41	82	44	88	43-141	7	20	ug/L	02/02/13 12:34	
cis-1,2-Dichloroethene	<0.80	50	52	104	59	118	73-124	13	20	ug/L	02/02/13 12:34	
cis-1,3-Dichloropropene	<0.76	50	51	102	54	108	72-132	6	20	ug/L	02/02/13 12:34	
Cyclohexane	<0.99	50	41	82	43	86	58-125	5	20	ug/L	02/02/13 12:34	
Dibromochloromethane	<0.79	50	59	118	63	126	69-128	7	20	ug/L	02/02/13 12:34	
Dichlorodifluoromethane	<0.73	50	49	98	50	100	24-153	2	20	ug/L	02/02/13 12:34	
Ethylbenzene	<0.66	50	50	100	52	104	78-122	4	20	ug/L	02/02/13 12:34	
Isopropylbenzene	<1.0	50	42	84	43	86	71-131	2	20	ug/L	02/02/13 12:34	
m,p-Xylenes	<1.2	100	89	89	94	94	76-124	5	20	ug/L	02/02/13 12:34	
Methyl acetate	<0.15	50	52	104	54	108	65-135	4	20	ug/L	02/02/13 12:34	
Methyl tert-butyl ether	<0.62	100	110	110	120	120	59-135	9	20	ug/L	02/02/13 12:34	
Methylcyclohexane	<0.76	50	31	62	33	66	61-125	6	20	ug/L	02/02/13 12:34	
Methylene chloride	<0.92	50	54	108	58	116	64-135	7	20	ug/L	02/02/13 12:34	
Naphthalene	<4.0	50	55	110	57	114	46-159	4	20	ug/L	02/02/13 12:34	
o-Xylene	<0.57	50	45	90	48	96	78-124	6	20	ug/L	02/02/13 12:34	
Styrene	<0.56	50	46	92	49	98	79-123	6	20	ug/L	02/02/13 12:34	
Tetrachloroethene	<1.8	50	48	96	50	100	71-125	4	20	ug/L	02/02/13 12:34	
Toluene	<0.68	50	50	100	52	104	78-118	4	20	ug/L	02/02/13 12:34	
trans-1,2-Dichloroethene	<0.73	50	52	104	56	112	71-126	7	20	ug/L	02/02/13 12:34	
trans-1,3-Dichloropropene	<0.84	50	54	108	57	114	68-131	5	20	ug/L	02/02/13 12:34	

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 906101 Matrix: Water Date Prep: 02/02/2013

MB Sample Id: 633284-1-BLK LCS Sample Id: 633284-1-BKS LCSD Sample Id: 633284-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	51	102	52	104	76-118	2	20	ug/L	02/02/13 12:34	
Trichlorofluoromethane	<0.85	50	43	86	43	86	35-153	0	20	ug/L	02/02/13 12:34	
Vinyl chloride	<0.15	50	45	90	47	94	59-129	4	20	ug/L	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		104		118		53-159	%	02/02/13 12:34
4-Bromofluorobenzene	118		110		108		30-186	%	02/02/13 12:34
Toluene-D8	100		98		96		70-130	%	02/02/13 12:34

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906103 Matrix: Solid Date Prep: 02/02/2013
MB Sample Id: 633286-1-BLK LCS Sample Id: 633286-1-BKS LCSD Sample Id: 633286-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	60.2	120	63.0	126	62-139	5	20	ug/kg	02/02/13 12:34	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.0	98	52.2	104	67-123	6	20	ug/kg	02/02/13 12:34	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	55.6	111	53.9	108	37-166	3	20	ug/kg	02/02/13 12:34	
1,1,2-Trichloroethane	<0.670	50.0	47.4	95	52.2	104	68-123	10	20	ug/kg	02/02/13 12:34	
1,1-Dichloroethane	<0.802	50.0	53.6	107	56.4	113	73-121	5	20	ug/kg	02/02/13 12:34	
1,1-Dichloroethene	<1.16	50.0	52.8	106	56.3	113	56-137	6	20	ug/kg	02/02/13 12:34	
1,2,3-Trichlorobenzene	<0.574	50.0	40.0	80	42.1	84	60-137	5	20	ug/kg	02/02/13 12:34	
1,2,4-Trichlorobenzene	<0.873	50.0	37.8	76	40.5	81	59-138	7	20	ug/kg	02/02/13 12:34	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	59.7	119	62.4	125	59-127	4	20	ug/kg	02/02/13 12:34	
1,2-Dibromoethane (EDB)	<0.863	50.0	53.0	106	57.1	114	70-131	7	20	ug/kg	02/02/13 12:34	
1,2-Dichlorobenzene	<1.29	50.0	47.2	94	49.7	99	76-120	5	20	ug/kg	02/02/13 12:34	
1,2-Dichloroethane	<0.597	50.0	59.7	119	62.0	124	60-136	4	20	ug/kg	02/02/13 12:34	
1,2-Dichloropropane	<0.929	50.0	46.0	92	48.8	98	73-120	6	20	ug/kg	02/02/13 12:34	
1,3-Dichlorobenzene	<0.997	50.0	45.4	91	47.8	96	76-125	5	20	ug/kg	02/02/13 12:34	
1,4-Dichlorobenzene	<0.684	50.0	44.6	89	46.6	93	75-120	4	20	ug/kg	02/02/13 12:34	
2-Butanone (MEK)	<9.11	100	92.8	93	102	102	55-143	9	20	ug/kg	02/02/13 12:34	
2-Hexanone	<1.13	100	93.7	94	100	100	53-142	7	20	ug/kg	02/02/13 12:34	
4-Methyl-2-pentanone (MIBK)	<3.23	100	93.1	93	97.4	97	55-138	5	20	ug/kg	02/02/13 12:34	
Acetone	<6.88	100	110	110	120	120	51-165	9	20	ug/kg	02/02/13 12:34	
Benzene	<0.513	50.0	49.1	98	52.1	104	72-126	6	20	ug/kg	02/02/13 12:34	
Bromochloromethane	<1.01	50.0	55.6	111	55.4	111	79-119	0	20	ug/kg	02/02/13 12:34	
Bromodichloromethane	<0.501	50.0	58.8	118	61.5	123	72-126	4	20	ug/kg	02/02/13 12:34	
Bromoform	<0.959	50.0	52.2	104	55.4	111	62-140	6	20	ug/kg	02/02/13 12:34	
Bromomethane	<2.46	50.0	55.0	110	53.2	106	50-156	3	20	ug/kg	02/02/13 12:34	
Carbon disulfide	<1.46	50.0	55.5	111	59.0	118	42-150	6	20	ug/kg	02/02/13 12:34	
Carbon tetrachloride	<0.742	50.0	57.7	115	60.6	121	55-151	5	20	ug/kg	02/02/13 12:34	
Chlorobenzene	<0.579	50.0	49.0	98	51.6	103	80-111	5	20	ug/kg	02/02/13 12:34	
Chloroethane	<2.45	50.0	49.4	99	50.3	101	54-150	2	20	ug/kg	02/02/13 12:34	
Chloroform	<0.741	50.0	55.3	111	57.9	116	73-117	5	20	ug/kg	02/02/13 12:34	
Chloromethane	<2.30	50.0	40.8	82	43.6	87	40-155	7	20	ug/kg	02/02/13 12:34	
cis-1,2-Dichloroethene	<0.662	50.0	51.7	103	58.9	118	71-122	13	20	ug/kg	02/02/13 12:34	
cis-1,3-Dichloropropene	<0.539	50.0	51.4	103	53.6	107	71-129	4	20	ug/kg	02/02/13 12:34	
Cyclohexane	<0.945	50.0	40.5	81	42.7	85	53-141	5	20	ug/kg	02/02/13 12:34	
Dibromochloromethane	<0.994	50.0	58.9	118	63.0	126	68-131	7	20	ug/kg	02/02/13 12:34	
Dichlorodifluoromethane	<1.18	50.0	49.2	98	49.8	100	12-177	1	20	ug/kg	02/02/13 12:34	
Ethylbenzene	<0.565	50.0	49.5	99	51.8	104	74-131	5	20	ug/kg	02/02/13 12:34	
Isopropylbenzene	<0.759	50.0	41.5	83	43.0	86	73-126	4	20	ug/kg	02/02/13 12:34	
m,p-Xylenes	<1.21	100	89.2	89	94.0	94	78-122	5	20	ug/kg	02/02/13 12:34	
Methyl acetate	<0.946	50.0	52.1	104	54.0	108	50-150	4	20	ug/kg	02/02/13 12:34	
Methyl tert-butyl ether	<0.693	100	115	115	120	120	50-162	4	20	ug/kg	02/02/13 12:34	
Methylcyclohexane	<1.09	50.0	31.4	63	32.9	66	54-147	5	20	ug/kg	02/02/13 12:34	
Methylene chloride	<2.17	50.0	54.0	108	57.7	115	61-137	7	20	ug/kg	02/02/13 12:34	
Naphthalene	<1.30	50.0	55.1	110	57.0	114	50-151	3	20	ug/kg	02/02/13 12:34	
o-Xylene	<0.716	50.0	45.4	91	47.6	95	76-121	5	20	ug/kg	02/02/13 12:34	
Styrene	<0.742	50.0	46.3	93	48.8	98	81-117	5	20	ug/kg	02/02/13 12:34	
Tetrachloroethene	<1.04	50.0	48.3	97	50.4	101	70-127	4	20	ug/kg	02/02/13 12:34	
Toluene	<0.588	50.0	49.6	99	52.1	104	75-118	5	20	ug/kg	02/02/13 12:34	
trans-1,2-Dichloroethene	<0.780	50.0	51.7	103	56.2	112	63-137	8	20	ug/kg	02/02/13 12:34	
trans-1,3-Dichloropropene	<0.670	50.0	53.8	108	56.8	114	61-143	5	20	ug/kg	02/02/13 12:34	

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906103 Matrix: Solid Date Prep: 02/02/2013
MB Sample Id: 633286-1-BLK LCS Sample Id: 633286-1-BKS LCSD Sample Id: 633286-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	50.6	101	52.4	105	73-123	3	20	ug/kg	02/02/13 12:34	
Trichlorofluoromethane	<3.51	50.0	42.7	85	42.5	85	47-165	0	20	ug/kg	02/02/13 12:34	
Vinyl chloride	<2.01	50.0	44.9	90	46.6	93	57-139	4	20	ug/kg	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		105		118		50-150	%	02/02/13 12:34
4-Bromofluorobenzene	117		110		108		57-158	%	02/02/13 12:34
Toluene-D8	100		97		96		50-150	%	02/02/13 12:34

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906319 Matrix: Solid Date Prep: 02/05/2013
MB Sample Id: 633410-1-BLK LCS Sample Id: 633410-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Tetrachloroethene	<1.04	50.0	52.3	105	70-127	ug/kg	02/05/13 15:05	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		97		50-150	%	02/05/13 15:05
4-Bromofluorobenzene	102		102		57-158	%	02/05/13 15:05
Toluene-D8	99		100		50-150	%	02/05/13 15:05

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013
Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.897	59.5	68.7	115	68.7	116	62-137	0	20	ug/kg	02/01/13 20:58	
1,1,2,2-Tetrachloroethane	<1.41	59.5	60.1	101	49.9	85	64-128	19	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.32	59.5	74.4	125	77.2	131	33-177	4	20	ug/kg	02/01/13 20:58	
1,1,2-Trichloroethane	<0.798	59.5	56.4	95	54.6	93	61-130	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethane	<0.955	59.5	60.9	102	63.0	107	65-136	3	20	ug/kg	02/01/13 20:58	
1,1-Dichloroethene	<1.38	59.5	61.0	103	62.2	105	33-158	2	20	ug/kg	02/01/13 20:58	
1,2,3-Trichlorobenzene	<0.684	59.5	53.9	91	61.4	104	48-135	13	20	ug/kg	02/01/13 20:58	
1,2,4-Trichlorobenzene	<1.04	59.5	56.4	95	64.8	110	43-139	14	20	ug/kg	02/01/13 20:58	
1,2-Dibromo-3-chloropropane (DBCP)	<1.93	59.5	61.9	104	56.2	95	51-130	10	20	ug/kg	02/01/13 20:58	
1,2-Dibromoethane (EDB)	<1.03	59.5	56.7	95	56.4	96	69-132	1	20	ug/kg	02/01/13 20:58	
1,2-Dichlorobenzene	<1.54	59.5	65.1	109	61.3	104	71-120	6	20	ug/kg	02/01/13 20:58	
1,2-Dichloroethane	<0.711	59.5	71.3	120	65.8	112	53-140	8	20	ug/kg	02/01/13 20:58	
1,2-Dichloropropane	<1.11	59.5	54.5	92	53.3	90	68-126	2	20	ug/kg	02/01/13 20:58	
1,3-Dichlorobenzene	<1.19	59.5	67.2	113	62.5	106	68-127	7	20	ug/kg	02/01/13 20:58	
1,4-Dichlorobenzene	<0.815	59.5	69.7	117	66.3	112	72-118	5	20	ug/kg	02/01/13 20:58	
2-Butanone (MEK)	<10.8	119	122	103	116	98	42-147	5	20	ug/kg	02/01/13 20:58	
2-Hexanone	<1.34	119	118	99	123	104	32-142	4	20	ug/kg	02/01/13 20:58	
4-Methyl-2-pentanone (MIBK)	<3.85	119	112	94	111	94	34-149	1	20	ug/kg	02/01/13 20:58	
Acetone	<8.19	119	143	120	139	118	51-165	3	20	ug/kg	02/01/13 20:58	
Benzene	<0.611	59.5	56.3	95	57.3	97	65-135	2	20	ug/kg	02/01/13 20:58	
Bromochloromethane	<1.20	59.5	55.6	93	59.9	102	66-137	7	20	ug/kg	02/01/13 20:58	
Bromodichloromethane	<0.597	59.5	67.1	113	65.1	110	60-129	3	20	ug/kg	02/01/13 20:58	
Bromoform	<1.14	59.5	69.6	117	61.4	104	48-147	13	20	ug/kg	02/01/13 20:58	
Bromomethane	<2.93	59.5	49.3	83	51.5	87	42-170	4	20	ug/kg	02/01/13 20:58	
Carbon disulfide	<1.73	59.5	57.5	97	59.8	101	40-147	4	20	ug/kg	02/01/13 20:58	
Carbon tetrachloride	<0.884	59.5	74.6	125	73.9	125	54-148	1	20	ug/kg	02/01/13 20:58	
Chlorobenzene	<0.690	59.5	58.6	98	59.1	100	71-117	1	20	ug/kg	02/01/13 20:58	
Chloroethane	<2.91	59.5	45.6	77	51.1	87	44-166	11	20	ug/kg	02/01/13 20:58	
Chloroform	<0.882	59.5	60.8	102	60.2	102	62-127	1	20	ug/kg	02/01/13 20:58	
Chloromethane	<2.74	59.5	37.6	63	41.8	71	34-157	11	20	ug/kg	02/01/13 20:58	
cis-1,2-Dichloroethene	<0.788	59.5	57.8	97	58.9	100	41-155	2	20	ug/kg	02/01/13 20:58	
cis-1,3-Dichloropropene	<0.642	59.5	62.8	106	62.0	105	63-128	1	20	ug/kg	02/01/13 20:58	
Cyclohexane	<1.13	59.5	61.6	104	62.3	106	53-145	1	20	ug/kg	02/01/13 20:58	
Dibromochloromethane	<1.18	59.5	66.7	112	63.6	108	59-135	5	20	ug/kg	02/01/13 20:58	
Dichlorodifluoromethane	<1.41	59.5	27.9	47	29.0	49	16-171	4	20	ug/kg	02/01/13 20:58	
Ethylbenzene	<0.673	59.5	64.8	109	65.2	111	65-139	1	20	ug/kg	02/01/13 20:58	
Isopropylbenzene	<0.904	59.5	72.1	121	64.9	110	62-133	11	20	ug/kg	02/01/13 20:58	
m,p-Xylenes	<1.44	119	128	108	127	108	69-130	1	20	ug/kg	02/01/13 20:58	
Methyl acetate	<1.13	59.5	59.7	100	57.4	97	20-170	4	20	ug/kg	02/01/13 20:58	
Methyl tert-butyl ether	<0.825	119	120	101	118	100	48-169	2	20	ug/kg	02/01/13 20:58	
Methylcyclohexane	<1.30	59.5	61.9	104	71.2	121	57-149	14	20	ug/kg	02/01/13 20:58	
Methylene chloride	7.51	59.5	57.0	83	57.9	85	17-184	2	20	ug/kg	02/01/13 20:58	
Naphthalene	<1.55	59.5	49.6	83	54.4	92	27-157	9	20	ug/kg	02/01/13 20:58	
o-Xylene	<0.853	59.5	62.3	105	61.4	104	71-124	1	20	ug/kg	02/01/13 20:58	
Styrene	<0.884	59.5	62.2	105	62.4	106	50-143	0	20	ug/kg	02/01/13 20:58	
Tetrachloroethene	10.1	59.5	104	158	116	179	42-156	11	20	ug/kg	02/01/13 20:58	X
Toluene	<0.700	59.5	57.7	97	58.7	99	65-128	2	20	ug/kg	02/01/13 20:58	
trans-1,2-Dichloroethene	<0.929	59.5	57.7	97	61.3	104	57-143	6	20	ug/kg	02/01/13 20:58	
trans-1,3-Dichloropropene	<0.798	59.5	67.6	114	65.6	111	55-141	3	20	ug/kg	02/01/13 20:58	

QC Summary 456874

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906106 Matrix: Soil Date Prep: 02/01/2013

Parent Sample Id: 456806-008 MS Sample Id: 456806-008 S MSD Sample Id: 456806-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.842	59.5	63.0	106	65.9	112	39-150	4	20	ug/kg	02/01/13 20:58	
Trichlorofluoromethane	<4.18	59.5	66.9	112	69.0	117	34-179	3	20	ug/kg	02/01/13 20:58	
Vinyl chloride	<2.39	59.5	49.8	84	48.3	82	40-161	3	20	ug/kg	02/01/13 20:58	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		106		50-150	%	02/01/13 20:58
4-Bromofluorobenzene	109		100		57-158	%	02/01/13 20:58
Toluene-D8	101		101		50-150	%	02/01/13 20:58

XENCO laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260027 Page 1 of 2

Company-City: AEM Inc **Phone:**

Lab Only: WO# 456874

Proj Name-Location: DeKalb ☐ Previously done at XENCO **Project ID:** 1133-1301

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☐ PM or leona-miles@aem-net.com **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name Signature

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP (TCLP) (Metals VOCs) SVOCs Pest. Herb. PCBs)	EDB / DBCP	TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks	
1	SB-12 (0-2')	2/1/13	1025	ft	S			5	V	V	V	✓														1
2	SB-12 (6-8')	2/1/13	1030	ft	S			5	V	V	V	✓														2
3	SB-12 (10-12')	2/1/13	1035	ft	S			5	V	V	V	✓														3
4	SB-12 (14-16')	2/1/13	1040	ft	S			5	V	V	V	✓														4
5	SB-13 (2-4')	2/1/13	1130	ft	S			5	V	V	V	✓														5
6	SB-13 (6-8')	2/1/13	1135	ft	S			5	V	V	V	✓														6
7	SB-13 (10-12')	2/1/13	1140	ft	S			5	V	V	V													HOLD		7
8	SB-13 (14-16')	2/1/13	1145	ft	S			5	V	V	V													HOLD		8
9	SB-14 (2-4')	2/1/13	1210	ft	S			5	V	V	V	✓														9
10	SB-14 (6-8')	2/1/13	~~1220~~	ft	S			5	V	V	V	✓														10

HOLD

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) [signature]	2/1/13 1441	2) [signature]	2/1/13 14:11
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp:

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

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☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 261754 Page 2 of 2

Company-City: AEM Inc
Phone:
Lab Only: WO# 456874

Proj Name-Location: DeKalb ☐ Previously done at XENCO
Project ID: 1133-1301

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM):

e-Mail Results to ☒ PM or
Fax No:
leona-miles@aem-net.com

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: P.O No: ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Signature:

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:	
1	SB-14 (10-12')	2/1/13	1220	ft	S			5	V	V	V	✓												HOLD		1
2	SB-14 (14-16')	2/1/13	1225	ft	S			5	V	V	V													HOLD		2
3	Trip Blank											✓												Blue Cooler		3
4	Trip Blank											✓												Red Cooler		4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10

Relinquished by: (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Leona Miles	2/1/13 1411	2) [signature]	2/1/13 14:11
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp:

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 02/01/2013 02:11:00 PM

Work Order #: 456874

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5.1
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 02/01/2013

Checklist reviewed by: Eben Buchanan Date: 02/01/2013

Analytical Report 456887

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-1

05-FEB-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

05-FEB-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **456887**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456887. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456887 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-15 (1-2 FT)	S	02-01-13 14:00	1 - 2 ft	456887-001
SB-15 (6-8 FT)	S	02-01-13 14:05	6 - 8 ft	456887-002
SB-16 (2-4 FT)	S	02-01-13 14:40	2 - 4 ft	456887-005
SB-16 (6-8 FT)	S	02-01-13 14:45	6 - 8 ft	456887-006
SB-16 (10-12 FT)	S	02-01-13 14:50	10 - 12 ft	456887-007
SB-11 (18-20 FT)	S	02-01-13 15:15	18 - 20 ft	456887-009
Trip Blank	W	02-01-13 00:00		456887-011
SB-15 (10-12 FT)	S	02-01-13 14:10	10 - 12 ft	Not Analyzed
SB-15 (14-16 FT)	S	02-01-13 14:15	14 - 16 ft	Not Analyzed
SB-16 (14-16 FT)	S	02-01-13 14:55	14 - 16 ft	Not Analyzed
SB-11 (24-25 FT)	S	02-01-13 15:20	24 - 25 ft	Not Analyzed

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-906123 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906123, 1,4-Dichlorobenzene recovered above QC limits in the Matrix Spike. Chloroform, Trichloroethene recovered above QC limits in the Matrix Spike Duplicate.
Samples affected are: 456887-009, -002, -001, -007.
The Laboratory Control Sample for Trichloroethene, 1,4-Dichlorobenzene, Chloroform is within laboratory Control Limits

SW8260B_ATL

Batch 906123, 2-Hexanone, Acetone, Chloroethane, Methyl acetate , Vinyl chloride RPD was outside QC limits.
Samples affected are: 456887-009, -002, -001, -007

Batch: LBA-906204 VOCs by SW-846 8260B
SW8260B_ATL

Batch 906204, Chloroform, Methylcyclohexane recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Cyclohexane, Isopropylbenzene recovered below QC limits in the Matrix Spike Duplicate.
Samples affected are: 456887-011.
The Laboratory Control Sample for Methylcyclohexane, Isopropylbenzene , Chloroform, Cyclohexane is within laboratory Control Limits

SW8260B_ATL

Batch 906204, 1,2,3-Trichlorobenzene, Naphthalene RPD was outside QC limits.
Samples affected are: 456887-011

Hits Summary 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-15 (1-2 FT)**	Matrix:	**Soil**	% Moisture:	**17.98**
Lab Sample Id:	**456887-001**	Date Collected:	**02.01.13 14.00**	Basis:	**Dry Weight**
Sample Depth:	**1 - 2 ft**	Date Received:	**02.01.13 16.38**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906123 Date Prep: 02.04.13 13.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	33.8	ug/kg	02.04.13 13.07		1

Hits Summary 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-16 (2-4 FT)**	Matrix:	**Soil**	% Moisture:	**18.81**
Lab Sample Id:	**456887-005**	Date Collected:	**02.01.13 14.40**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**02.01.13 16.38**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Date Prep: 02.02.13 11.42

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	6740	ug/kg	02.02.13 19.10		50

Hits Summary 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-16 (6-8 FT)**	Matrix:	**Soil**	% Moisture:	**20.27**
Lab Sample Id:	**456887-006**	Date Collected:	**02.01.13 14.45**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**02.01.13 16.38**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Date Prep: 02.02.13 11.42

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	451	ug/kg	02.02.13 19.36		50

Hits Summary 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-11 (18-20 FT)**	Matrix:	**Soil**	% Moisture:	**20.28**
Lab Sample Id:	**456887-009**	Date Collected:	**02.01.13 15.15**	Basis:	**Dry Weight**
Sample Depth:	**18 - 20 ft**	Date Received:	**02.01.13 16.38**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906123 Date Prep: 02.04.13 13.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	6.94	ug/kg	02.04.13 12.09		1

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-15 (1-2 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-001** Date Collected: 02.01.13 14.00 **Sample Depth:** 1 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.98
Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight
Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,1-Dichloroethane	75-34-3	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,1-Dichloroethene	75-35-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2-Dichloroethane	107-06-2	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,2-Dichloropropane	78-87-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	8.24	ug/kg	02.04.13 13.07	U	1
2-Butanone (MEK)	78-93-3	BRL	82.4	ug/kg	02.04.13 13.07	U	1
2-Hexanone	591-78-6	BRL	82.4	ug/kg	02.04.13 13.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	82.4	ug/kg	02.04.13 13.07	U	1
Acetone	67-64-1	BRL	82.4	ug/kg	02.04.13 13.07	U	1
Benzene	71-43-2	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Bromochloromethane	74-97-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Bromodichloromethane	75-27-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Bromoform	75-25-2	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Bromomethane	74-83-9	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Carbon disulfide	75-15-0	BRL	65.9	ug/kg	02.04.13 13.07	U	1
Carbon tetrachloride	56-23-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Chlorobenzene	108-90-7	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Chloroethane	75-00-3	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Chloroform	67-66-3	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Chloromethane	74-87-3	BRL	16.5	ug/kg	02.04.13 13.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	8.24	ug/kg	02.04.13 13.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Cyclohexane	110-82-7	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Dibromochloromethane	124-48-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Ethylbenzene	100-41-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Isopropylbenzene	98-82-8	BRL	8.24	ug/kg	02.04.13 13.07	U	1
m,p-Xylenes	179601-23-1	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Methyl acetate	79-20-9	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Methyl tert-butyl ether	1634-04-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Methylcyclohexane	108-87-2	BRL	8.24	ug/kg	02.04.13 13.07	U	1

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-15 (1-2 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-001** Date Collected: 02.01.13 14.00 **Sample Depth:** 1 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 17.98
Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight
Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	33.0	ug/kg	02.04.13 13.07	U	1
Naphthalene	91-20-3	BRL	8.24	ug/kg	02.04.13 13.07	U	1
o-Xylene	95-47-6	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Styrene	100-42-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Tetrachloroethene	127-18-4	**33.8**	8.24	ug/kg	02.04.13 13.07		1
Toluene	108-88-3	BRL	8.24	ug/kg	02.04.13 13.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	8.24	ug/kg	02.04.13 13.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Trichloroethene	79-01-6	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Trichlorofluoromethane	75-69-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1
Vinyl chloride	75-01-4	BRL	8.24	ug/kg	02.04.13 13.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	148	%	50-150	02.04.13 13.07	
4-Bromofluorobenzene	460-00-4	116	%	57-158	02.04.13 13.07	
Toluene-D8	2037-26-5	103	%	50-150	02.04.13 13.07	

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-15 (6-8 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-002** Date Collected: 02.01.13 14.05 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 25.07
Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight
Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,1-Dichloroethane	75-34-3	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,1-Dichloroethene	75-35-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2-Dichloroethane	107-06-2	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,2-Dichloropropane	78-87-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.30	ug/kg	02.04.13 15.57	U	1
2-Butanone (MEK)	78-93-3	BRL	63.0	ug/kg	02.04.13 15.57	U	1
2-Hexanone	591-78-6	BRL	63.0	ug/kg	02.04.13 15.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	63.0	ug/kg	02.04.13 15.57	U	1
Acetone	67-64-1	BRL	63.0	ug/kg	02.04.13 15.57	U	1
Benzene	71-43-2	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Bromochloromethane	74-97-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Bromodichloromethane	75-27-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Bromoform	75-25-2	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Bromomethane	74-83-9	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Carbon disulfide	75-15-0	BRL	50.4	ug/kg	02.04.13 15.57	U	1
Carbon tetrachloride	56-23-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Chlorobenzene	108-90-7	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Chloroethane	75-00-3	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Chloroform	67-66-3	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Chloromethane	74-87-3	BRL	12.6	ug/kg	02.04.13 15.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.30	ug/kg	02.04.13 15.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Cyclohexane	110-82-7	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Dibromochloromethane	124-48-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Ethylbenzene	100-41-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Isopropylbenzene	98-82-8	BRL	6.30	ug/kg	02.04.13 15.57	U	1
m,p-Xylenes	179601-23-1	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Methyl acetate	79-20-9	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Methylcyclohexane	108-87-2	BRL	6.30	ug/kg	02.04.13 15.57	U	1

Certificate of Analytical Results 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-15 (6-8 FT)** Matrix: Soil Date Received: 02.01.13 16.38

Lab Sample Id: **456887-002** Date Collected: 02.01.13 14.05 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 25.07

Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight

Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	25.2	ug/kg	02.04.13 15.57	U	1
Naphthalene	91-20-3	BRL	6.30	ug/kg	02.04.13 15.57	U	1
o-Xylene	95-47-6	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Styrene	100-42-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Tetrachloroethene	127-18-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Toluene	108-88-3	BRL	6.30	ug/kg	02.04.13 15.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.30	ug/kg	02.04.13 15.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Trichloroethene	79-01-6	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Trichlorofluoromethane	75-69-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1
Vinyl chloride	75-01-4	BRL	6.30	ug/kg	02.04.13 15.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	149	%	50-150	02.04.13 15.57	
4-Bromofluorobenzene	460-00-4	110	%	57-158	02.04.13 15.57	
Toluene-D8	2037-26-5	103	%	50-150	02.04.13 15.57	

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (2-4 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-005** Date Collected: 02.01.13 14.40 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 18.81
Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight
Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	262	ug/kg	02.02.13 19.10	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	262	ug/kg	02.02.13 19.10	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	262	ug/kg	02.02.13 19.10	U	50
1,1,2-Trichloroethane	79-00-5	BRL	262	ug/kg	02.02.13 19.10	U	50
1,1-Dichloroethane	75-34-3	BRL	262	ug/kg	02.02.13 19.10	U	50
1,1-Dichloroethene	75-35-4	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2-Dichlorobenzene	95-50-1	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2-Dichloroethane	107-06-2	BRL	262	ug/kg	02.02.13 19.10	U	50
1,2-Dichloropropane	78-87-5	BRL	262	ug/kg	02.02.13 19.10	U	50
1,3-Dichlorobenzene	541-73-1	BRL	262	ug/kg	02.02.13 19.10	U	50
1,4-Dichlorobenzene	106-46-7	BRL	262	ug/kg	02.02.13 19.10	U	50
2-Butanone (MEK)	78-93-3	BRL	2620	ug/kg	02.02.13 19.10	U	50
2-Hexanone	591-78-6	BRL	2620	ug/kg	02.02.13 19.10	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2620	ug/kg	02.02.13 19.10	U	50
Acetone	67-64-1	BRL	2620	ug/kg	02.02.13 19.10	U	50
Benzene	71-43-2	BRL	262	ug/kg	02.02.13 19.10	U	50
Bromochloromethane	74-97-5	BRL	262	ug/kg	02.02.13 19.10	U	50
Bromodichloromethane	75-27-4	BRL	262	ug/kg	02.02.13 19.10	U	50
Bromoform	75-25-2	BRL	262	ug/kg	02.02.13 19.10	U	50
Bromomethane	74-83-9	BRL	262	ug/kg	02.02.13 19.10	U	50
Carbon disulfide	75-15-0	BRL	2100	ug/kg	02.02.13 19.10	U	50
Carbon tetrachloride	56-23-5	BRL	262	ug/kg	02.02.13 19.10	U	50
Chlorobenzene	108-90-7	BRL	262	ug/kg	02.02.13 19.10	U	50
Chloroethane	75-00-3	BRL	262	ug/kg	02.02.13 19.10	U	50
Chloroform	67-66-3	BRL	262	ug/kg	02.02.13 19.10	U	50
Chloromethane	74-87-3	BRL	525	ug/kg	02.02.13 19.10	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	262	ug/kg	02.02.13 19.10	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	262	ug/kg	02.02.13 19.10	U	50
Cyclohexane	110-82-7	BRL	262	ug/kg	02.02.13 19.10	U	50
Dibromochloromethane	124-48-1	BRL	262	ug/kg	02.02.13 19.10	U	50
Dichlorodifluoromethane	75-71-8	BRL	262	ug/kg	02.02.13 19.10	U	50
Ethylbenzene	100-41-4	BRL	262	ug/kg	02.02.13 19.10	U	50
Isopropylbenzene	98-82-8	BRL	262	ug/kg	02.02.13 19.10	U	50
m,p-Xylenes	179601-23-1	BRL	262	ug/kg	02.02.13 19.10	U	50
Methyl acetate	79-20-9	BRL	262	ug/kg	02.02.13 19.10	U	50
Methyl tert-butyl ether	1634-04-4	BRL	262	ug/kg	02.02.13 19.10	U	50
Methylcyclohexane	108-87-2	BRL	262	ug/kg	02.02.13 19.10	U	50

Certificate of Analytical Results 456887

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (2-4 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-005** Date Collected: 02.01.13 14.40 **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 18.81
Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight
Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1050	ug/kg	02.02.13 19.10	U	50
Naphthalene	91-20-3	BRL	262	ug/kg	02.02.13 19.10	U	50
o-Xylene	95-47-6	BRL	262	ug/kg	02.02.13 19.10	U	50
Styrene	100-42-5	BRL	262	ug/kg	02.02.13 19.10	U	50
Tetrachloroethene	127-18-4	**6740**	262	ug/kg	02.02.13 19.10		50
Toluene	108-88-3	BRL	262	ug/kg	02.02.13 19.10	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	262	ug/kg	02.02.13 19.10	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	262	ug/kg	02.02.13 19.10	U	50
Trichloroethene	79-01-6	BRL	262	ug/kg	02.02.13 19.10	U	50
Trichlorofluoromethane	75-69-4	BRL	262	ug/kg	02.02.13 19.10	U	50
Vinyl chloride	75-01-4	BRL	262	ug/kg	02.02.13 19.10	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	02.02.13 19.10	
4-Bromofluorobenzene	460-00-4	111	%	57-158	02.02.13 19.10	
Toluene-D8	2037-26-5	101	%	50-150	02.02.13 19.10	

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (6-8 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-006** Date Collected: 02.01.13 14.45 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 20.27
Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight
Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	267	ug/kg	02.02.13 19.36	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	267	ug/kg	02.02.13 19.36	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	267	ug/kg	02.02.13 19.36	U	50
1,1,2-Trichloroethane	79-00-5	BRL	267	ug/kg	02.02.13 19.36	U	50
1,1-Dichloroethane	75-34-3	BRL	267	ug/kg	02.02.13 19.36	U	50
1,1-Dichloroethene	75-35-4	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2-Dichlorobenzene	95-50-1	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2-Dichloroethane	107-06-2	BRL	267	ug/kg	02.02.13 19.36	U	50
1,2-Dichloropropane	78-87-5	BRL	267	ug/kg	02.02.13 19.36	U	50
1,3-Dichlorobenzene	541-73-1	BRL	267	ug/kg	02.02.13 19.36	U	50
1,4-Dichlorobenzene	106-46-7	BRL	267	ug/kg	02.02.13 19.36	U	50
2-Butanone (MEK)	78-93-3	BRL	2670	ug/kg	02.02.13 19.36	U	50
2-Hexanone	591-78-6	BRL	2670	ug/kg	02.02.13 19.36	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2670	ug/kg	02.02.13 19.36	U	50
Acetone	67-64-1	BRL	2670	ug/kg	02.02.13 19.36	U	50
Benzene	71-43-2	BRL	267	ug/kg	02.02.13 19.36	U	50
Bromochloromethane	74-97-5	BRL	267	ug/kg	02.02.13 19.36	U	50
Bromodichloromethane	75-27-4	BRL	267	ug/kg	02.02.13 19.36	U	50
Bromoform	75-25-2	BRL	267	ug/kg	02.02.13 19.36	U	50
Bromomethane	74-83-9	BRL	267	ug/kg	02.02.13 19.36	U	50
Carbon disulfide	75-15-0	BRL	2140	ug/kg	02.02.13 19.36	U	50
Carbon tetrachloride	56-23-5	BRL	267	ug/kg	02.02.13 19.36	U	50
Chlorobenzene	108-90-7	BRL	267	ug/kg	02.02.13 19.36	U	50
Chloroethane	75-00-3	BRL	267	ug/kg	02.02.13 19.36	U	50
Chloroform	67-66-3	BRL	267	ug/kg	02.02.13 19.36	U	50
Chloromethane	74-87-3	BRL	534	ug/kg	02.02.13 19.36	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	267	ug/kg	02.02.13 19.36	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	267	ug/kg	02.02.13 19.36	U	50
Cyclohexane	110-82-7	BRL	267	ug/kg	02.02.13 19.36	U	50
Dibromochloromethane	124-48-1	BRL	267	ug/kg	02.02.13 19.36	U	50
Dichlorodifluoromethane	75-71-8	BRL	267	ug/kg	02.02.13 19.36	U	50
Ethylbenzene	100-41-4	BRL	267	ug/kg	02.02.13 19.36	U	50
Isopropylbenzene	98-82-8	BRL	267	ug/kg	02.02.13 19.36	U	50
m,p-Xylenes	179601-23-1	BRL	267	ug/kg	02.02.13 19.36	U	50
Methyl acetate	79-20-9	BRL	267	ug/kg	02.02.13 19.36	U	50
Methyl tert-butyl ether	1634-04-4	BRL	267	ug/kg	02.02.13 19.36	U	50
Methylcyclohexane	108-87-2	BRL	267	ug/kg	02.02.13 19.36	U	50

Certificate of Analytical Results 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (6-8 FT)** Matrix: Soil Date Received: 02.01.13 16.38

Lab Sample Id: **456887-006** Date Collected: 02.01.13 14.45 **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 20.27

Analyst: MLA Date Prep: 02.02.13 11.42 Basis: Dry Weight

Seq Number: 906103

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1070	ug/kg	02.02.13 19.36	U	50
Naphthalene	91-20-3	BRL	267	ug/kg	02.02.13 19.36	U	50
o-Xylene	95-47-6	BRL	267	ug/kg	02.02.13 19.36	U	50
Styrene	100-42-5	BRL	267	ug/kg	02.02.13 19.36	U	50
Tetrachloroethene	127-18-4	**451**	267	ug/kg	02.02.13 19.36		50
Toluene	108-88-3	BRL	267	ug/kg	02.02.13 19.36	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	267	ug/kg	02.02.13 19.36	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	267	ug/kg	02.02.13 19.36	U	50
Trichloroethene	79-01-6	BRL	267	ug/kg	02.02.13 19.36	U	50
Trichlorofluoromethane	75-69-4	BRL	267	ug/kg	02.02.13 19.36	U	50
Vinyl chloride	75-01-4	BRL	267	ug/kg	02.02.13 19.36	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	121	%	50-150	02.02.13 19.36	
4-Bromofluorobenzene	460-00-4	113	%	57-158	02.02.13 19.36	
Toluene-D8	2037-26-5	100	%	50-150	02.02.13 19.36	

Certificate of Analytical Results 456887

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (10-12 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-007** Date Collected: 02.01.13 14.50 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 28.42
Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight
Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,1,2-Trichloroethane	79-00-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,1-Dichloroethane	75-34-3	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,1-Dichloroethene	75-35-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2-Dichlorobenzene	95-50-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2-Dichloroethane	107-06-2	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,2-Dichloropropane	78-87-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,3-Dichlorobenzene	541-73-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
1,4-Dichlorobenzene	106-46-7	BRL	7.49	ug/kg	02.04.13 15.02	U	1
2-Butanone (MEK)	78-93-3	BRL	74.9	ug/kg	02.04.13 15.02	U	1
2-Hexanone	591-78-6	BRL	74.9	ug/kg	02.04.13 15.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	74.9	ug/kg	02.04.13 15.02	U	1
Acetone	67-64-1	BRL	74.9	ug/kg	02.04.13 15.02	U	1
Benzene	71-43-2	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Bromochloromethane	74-97-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Bromodichloromethane	75-27-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Bromoform	75-25-2	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Bromomethane	74-83-9	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Carbon disulfide	75-15-0	BRL	60.0	ug/kg	02.04.13 15.02	U	1
Carbon tetrachloride	56-23-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Chlorobenzene	108-90-7	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Chloroethane	75-00-3	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Chloroform	67-66-3	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Chloromethane	74-87-3	BRL	15.0	ug/kg	02.04.13 15.02	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	7.49	ug/kg	02.04.13 15.02	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Cyclohexane	110-82-7	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Dibromochloromethane	124-48-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Dichlorodifluoromethane	75-71-8	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Ethylbenzene	100-41-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Isopropylbenzene	98-82-8	BRL	7.49	ug/kg	02.04.13 15.02	U	1
m,p-Xylenes	179601-23-1	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Methyl acetate	79-20-9	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Methyl tert-butyl ether	1634-04-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Methylcyclohexane	108-87-2	BRL	7.49	ug/kg	02.04.13 15.02	U	1

Certificate of Analytical Results 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-16 (10-12 FT)** Matrix: Soil Date Received: 02.01.13 16.38

Lab Sample Id: **456887-007** Date Collected: 02.01.13 14.50 **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 28.42

Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight

Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	30.0	ug/kg	02.04.13 15.02	U	1
Naphthalene	91-20-3	BRL	7.49	ug/kg	02.04.13 15.02	U	1
o-Xylene	95-47-6	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Styrene	100-42-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Tetrachloroethene	127-18-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Toluene	108-88-3	BRL	7.49	ug/kg	02.04.13 15.02	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	7.49	ug/kg	02.04.13 15.02	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Trichloroethene	79-01-6	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Trichlorofluoromethane	75-69-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1
Vinyl chloride	75-01-4	BRL	7.49	ug/kg	02.04.13 15.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	144	%	50-150	02.04.13 15.02	
4-Bromofluorobenzene	460-00-4	105	%	57-158	02.04.13 15.02	
Toluene-D8	2037-26-5	105	%	50-150	02.04.13 15.02	

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (18-20 FT)** Matrix: Soil Date Received: 02.01.13 16.38
Lab Sample Id: **456887-009** Date Collected: 02.01.13 15.15 **Sample Depth:** 18 - 20 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Tech: MWE % Moisture: 20.28
Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight
Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,1-Dichloroethane	75-34-3	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,1-Dichloroethene	75-35-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2-Dichloroethane	107-06-2	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,2-Dichloropropane	78-87-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.19	ug/kg	02.04.13 12.09	U	1
2-Butanone (MEK)	78-93-3	BRL	61.9	ug/kg	02.04.13 12.09	U	1
2-Hexanone	591-78-6	BRL	61.9	ug/kg	02.04.13 12.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	61.9	ug/kg	02.04.13 12.09	U	1
Acetone	67-64-1	BRL	61.9	ug/kg	02.04.13 12.09	U	1
Benzene	71-43-2	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Bromochloromethane	74-97-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Bromodichloromethane	75-27-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Bromoform	75-25-2	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Bromomethane	74-83-9	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Carbon disulfide	75-15-0	BRL	49.5	ug/kg	02.04.13 12.09	U	1
Carbon tetrachloride	56-23-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Chlorobenzene	108-90-7	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Chloroethane	75-00-3	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Chloroform	67-66-3	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Chloromethane	74-87-3	BRL	12.4	ug/kg	02.04.13 12.09	U	1
cis-1,2-Dichloroethene	156-59-2	**6.94**	6.19	ug/kg	02.04.13 12.09		1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Cyclohexane	110-82-7	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Dibromochloromethane	124-48-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Ethylbenzene	100-41-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Isopropylbenzene	98-82-8	BRL	6.19	ug/kg	02.04.13 12.09	U	1
m,p-Xylenes	179601-23-1	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Methyl acetate	79-20-9	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Methyl tert-butyl ether	1634-04-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Methylcyclohexane	108-87-2	BRL	6.19	ug/kg	02.04.13 12.09	U	1

Certificate of Analytical Results 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-11 (18-20 FT)** Matrix: Soil Date Received: 02.01.13 16.38

Lab Sample Id: **456887-009** Date Collected: 02.01.13 15.15 **Sample Depth:** 18 - 20 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE % Moisture: 20.28

Analyst: MLA Date Prep: 02.04.13 13.40 Basis: Dry Weight

Seq Number: 906123

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	24.7	ug/kg	02.04.13 12.09	U	1
Naphthalene	91-20-3	BRL	6.19	ug/kg	02.04.13 12.09	U	1
o-Xylene	95-47-6	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Styrene	100-42-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Tetrachloroethene	127-18-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Toluene	108-88-3	BRL	6.19	ug/kg	02.04.13 12.09	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.19	ug/kg	02.04.13 12.09	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Trichloroethene	79-01-6	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Trichlorofluoromethane	75-69-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1
Vinyl chloride	75-01-4	BRL	6.19	ug/kg	02.04.13 12.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	141	%	50-150	02.04.13 12.09	
4-Bromofluorobenzene	460-00-4	106	%	57-158	02.04.13 12.09	
Toluene-D8	2037-26-5	102	%	50-150	02.04.13 12.09	

Certificate of Analytical Results 456887

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 02.01.13 16.38
Lab Sample Id: **456887-011** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 02.04.13 19.50
Seq Number: 906204

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	02.04.13 22.51	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	02.04.13 22.51	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	02.04.13 22.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	02.04.13 22.51	U	1
Acetone	67-64-1	BRL	50	ug/L	02.04.13 22.51	U	1
Benzene	71-43-2	BRL	5.0	ug/L	02.04.13 22.51	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	02.04.13 22.51	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	02.04.13 22.51	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	02.04.13 22.51	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	02.04.13 22.51	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	02.04.13 22.51	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	02.04.13 22.51	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	02.04.13 22.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	02.04.13 22.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	02.04.13 22.51	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	02.04.13 22.51	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	02.04.13 22.51	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	02.04.13 22.51	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	02.04.13 22.51	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	02.04.13 22.51	U	1

Certificate of Analytical Results 456887

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 02.01.13 16.38

Lab Sample Id: **456887-011** Date Collected: 02.01.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 02.04.13 19.50

Seq Number: 906204

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	02.04.13 22.51	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	02.04.13 22.51	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	02.04.13 22.51	U	1
Styrene	100-42-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
Toluene	108-88-3	BRL	5.0	ug/L	02.04.13 22.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	02.04.13 22.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	02.04.13 22.51	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	02.04.13 22.51	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	02.04.13 22.51	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	02.04.13 22.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	53-159	02.04.13 22.51	
4-Bromofluorobenzene	460-00-4	118	%	30-186	02.04.13 22.51	
Toluene-D8	2037-26-5	102	%	70-130	02.04.13 22.51	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906103 Matrix: Solid Date Prep: 02/02/2013
MB Sample Id: 633286-1-BLK LCS Sample Id: 633286-1-BKS LCSD Sample Id: 633286-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	60.2	120	63.0	126	62-139	5	20	ug/kg	02/02/13 12:34	
1,1,2,2-Tetrachloroethane	<1.19	50.0	49.0	98	52.2	104	67-123	6	20	ug/kg	02/02/13 12:34	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	55.6	111	53.9	108	37-166	3	20	ug/kg	02/02/13 12:34	
1,1,2-Trichloroethane	<0.670	50.0	47.4	95	52.2	104	68-123	10	20	ug/kg	02/02/13 12:34	
1,1-Dichloroethane	<0.802	50.0	53.6	107	56.4	113	73-121	5	20	ug/kg	02/02/13 12:34	
1,1-Dichloroethene	<1.16	50.0	52.8	106	56.3	113	56-137	6	20	ug/kg	02/02/13 12:34	
1,2,3-Trichlorobenzene	<0.574	50.0	40.0	80	42.1	84	60-137	5	20	ug/kg	02/02/13 12:34	
1,2,4-Trichlorobenzene	<0.873	50.0	37.8	76	40.5	81	59-138	7	20	ug/kg	02/02/13 12:34	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	59.7	119	62.4	125	59-127	4	20	ug/kg	02/02/13 12:34	
1,2-Dibromoethane (EDB)	<0.863	50.0	53.0	106	57.1	114	70-131	7	20	ug/kg	02/02/13 12:34	
1,2-Dichlorobenzene	<1.29	50.0	47.2	94	49.7	99	76-120	5	20	ug/kg	02/02/13 12:34	
1,2-Dichloroethane	<0.597	50.0	59.7	119	62.0	124	60-136	4	20	ug/kg	02/02/13 12:34	
1,2-Dichloropropane	<0.929	50.0	46.0	92	48.8	98	73-120	6	20	ug/kg	02/02/13 12:34	
1,3-Dichlorobenzene	<0.997	50.0	45.4	91	47.8	96	76-125	5	20	ug/kg	02/02/13 12:34	
1,4-Dichlorobenzene	<0.684	50.0	44.6	89	46.6	93	75-120	4	20	ug/kg	02/02/13 12:34	
2-Butanone (MEK)	<9.11	100	92.8	93	102	102	55-143	9	20	ug/kg	02/02/13 12:34	
2-Hexanone	<1.13	100	93.7	94	100	100	53-142	7	20	ug/kg	02/02/13 12:34	
4-Methyl-2-pentanone (MIBK)	<3.23	100	93.1	93	97.4	97	55-138	5	20	ug/kg	02/02/13 12:34	
Acetone	<6.88	100	110	110	120	120	51-165	9	20	ug/kg	02/02/13 12:34	
Benzene	<0.513	50.0	49.1	98	52.1	104	72-126	6	20	ug/kg	02/02/13 12:34	
Bromochloromethane	<1.01	50.0	55.6	111	55.4	111	79-119	0	20	ug/kg	02/02/13 12:34	
Bromodichloromethane	<0.501	50.0	58.8	118	61.5	123	72-126	4	20	ug/kg	02/02/13 12:34	
Bromoform	<0.959	50.0	52.2	104	55.4	111	62-140	6	20	ug/kg	02/02/13 12:34	
Bromomethane	<2.46	50.0	55.0	110	53.2	106	50-156	3	20	ug/kg	02/02/13 12:34	
Carbon disulfide	<1.46	50.0	55.5	111	59.0	118	42-150	6	20	ug/kg	02/02/13 12:34	
Carbon tetrachloride	<0.742	50.0	57.7	115	60.6	121	55-151	5	20	ug/kg	02/02/13 12:34	
Chlorobenzene	<0.579	50.0	49.0	98	51.6	103	80-111	5	20	ug/kg	02/02/13 12:34	
Chloroethane	<2.45	50.0	49.4	99	50.3	101	54-150	2	20	ug/kg	02/02/13 12:34	
Chloroform	<0.741	50.0	55.3	111	57.9	116	73-117	5	20	ug/kg	02/02/13 12:34	
Chloromethane	<2.30	50.0	40.8	82	43.6	87	40-155	7	20	ug/kg	02/02/13 12:34	
cis-1,2-Dichloroethene	<0.662	50.0	51.7	103	58.9	118	71-122	13	20	ug/kg	02/02/13 12:34	
cis-1,3-Dichloropropene	<0.539	50.0	51.4	103	53.6	107	71-129	4	20	ug/kg	02/02/13 12:34	
Cyclohexane	<0.945	50.0	40.5	81	42.7	85	53-141	5	20	ug/kg	02/02/13 12:34	
Dibromochloromethane	<0.994	50.0	58.9	118	63.0	126	68-131	7	20	ug/kg	02/02/13 12:34	
Dichlorodifluoromethane	<1.18	50.0	49.2	98	49.8	100	12-177	1	20	ug/kg	02/02/13 12:34	
Ethylbenzene	<0.565	50.0	49.5	99	51.8	104	74-131	5	20	ug/kg	02/02/13 12:34	
Isopropylbenzene	<0.759	50.0	41.5	83	43.0	86	73-126	4	20	ug/kg	02/02/13 12:34	
m,p-Xylenes	<1.21	100	89.2	89	94.0	94	78-122	5	20	ug/kg	02/02/13 12:34	
Methyl acetate	<0.946	50.0	52.1	104	54.0	108	50-150	4	20	ug/kg	02/02/13 12:34	
Methyl tert-butyl ether	<0.693	100	115	115	120	120	50-162	4	20	ug/kg	02/02/13 12:34	
Methylcyclohexane	<1.09	50.0	31.4	63	32.9	66	54-147	5	20	ug/kg	02/02/13 12:34	
Methylene chloride	<2.17	50.0	54.0	108	57.7	115	61-137	7	20	ug/kg	02/02/13 12:34	
Naphthalene	<1.30	50.0	55.1	110	57.0	114	50-151	3	20	ug/kg	02/02/13 12:34	
o-Xylene	<0.716	50.0	45.4	91	47.6	95	76-121	5	20	ug/kg	02/02/13 12:34	
Styrene	<0.742	50.0	46.3	93	48.8	98	81-117	5	20	ug/kg	02/02/13 12:34	
Tetrachloroethene	<1.04	50.0	48.3	97	50.4	101	70-127	4	20	ug/kg	02/02/13 12:34	
Toluene	<0.588	50.0	49.6	99	52.1	104	75-118	5	20	ug/kg	02/02/13 12:34	
trans-1,2-Dichloroethene	<0.780	50.0	51.7	103	56.2	112	63-137	8	20	ug/kg	02/02/13 12:34	
trans-1,3-Dichloropropene	<0.670	50.0	53.8	108	56.8	114	61-143	5	20	ug/kg	02/02/13 12:34	

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906103 Matrix: Solid Date Prep: 02/02/2013

MB Sample Id: 633286-1-BLK LCS Sample Id: 633286-1-BKS LCSD Sample Id: 633286-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	50.6	101	52.4	105	73-123	3	20	ug/kg	02/02/13 12:34	
Trichlorofluoromethane	<3.51	50.0	42.7	85	42.5	85	47-165	0	20	ug/kg	02/02/13 12:34	
Vinyl chloride	<2.01	50.0	44.9	90	46.6	93	57-139	4	20	ug/kg	02/02/13 12:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		105		118		50-150	%	02/02/13 12:34
4-Bromofluorobenzene	117		110		108		57-158	%	02/02/13 12:34
Toluene-D8	100		97		96		50-150	%	02/02/13 12:34

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906123 Matrix: Solid Date Prep: 02/04/2013
MB Sample Id: 633298-1-BLK LCS Sample Id: 633298-1-BKS LCSD Sample Id: 633298-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	59.2	118	52.2	104	62-139	13	20	ug/kg	02/04/13 09:44	
1,1,2,2-Tetrachloroethane	<1.19	50.0	48.0	96	45.2	90	67-123	6	20	ug/kg	02/04/13 09:44	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	57.9	116	60.8	122	37-166	5	20	ug/kg	02/04/13 09:44	
1,1,2-Trichloroethane	<0.670	50.0	46.0	92	45.6	91	68-123	1	20	ug/kg	02/04/13 09:44	
1,1-Dichloroethane	<0.802	50.0	53.6	107	48.5	97	73-121	10	20	ug/kg	02/04/13 09:44	
1,1-Dichloroethene	<1.16	50.0	57.0	114	50.7	101	56-137	12	20	ug/kg	02/04/13 09:44	
1,2,3-Trichlorobenzene	<0.574	50.0	59.4	119	56.7	113	60-137	5	20	ug/kg	02/04/13 09:44	
1,2,4-Trichlorobenzene	<0.873	50.0	60.9	122	56.6	113	59-138	7	20	ug/kg	02/04/13 09:44	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	52.0	104	50.9	102	59-127	2	20	ug/kg	02/04/13 09:44	
1,2-Dibromoethane (EDB)	<0.863	50.0	48.0	96	44.3	89	70-131	8	20	ug/kg	02/04/13 09:44	
1,2-Dichlorobenzene	<1.29	50.0	55.3	111	49.5	99	76-120	11	20	ug/kg	02/04/13 09:44	
1,2-Dichloroethane	<0.597	50.0	54.5	109	49.4	99	60-136	10	20	ug/kg	02/04/13 09:44	
1,2-Dichloropropane	<0.929	50.0	46.2	92	43.4	87	73-120	6	20	ug/kg	02/04/13 09:44	
1,3-Dichlorobenzene	<0.997	50.0	55.5	111	49.2	98	76-125	12	20	ug/kg	02/04/13 09:44	
1,4-Dichlorobenzene	<0.684	50.0	57.8	116	51.0	102	75-120	13	20	ug/kg	02/04/13 09:44	
2-Butanone (MEK)	<9.11	100	101	101	101	101	55-143	0	20	ug/kg	02/04/13 09:44	
2-Hexanone	<1.13	100	109	109	103	103	53-142	6	20	ug/kg	02/04/13 09:44	
4-Methyl-2-pentanone (MIBK)	<3.23	100	95.3	95	94.0	94	55-138	1	20	ug/kg	02/04/13 09:44	
Acetone	<6.88	100	96.9	97	93.5	94	51-165	4	20	ug/kg	02/04/13 09:44	
Benzene	<0.513	50.0	49.2	98	45.9	92	72-126	7	20	ug/kg	02/04/13 09:44	
Bromochloromethane	<1.01	50.0	47.2	94	46.8	94	79-119	1	20	ug/kg	02/04/13 09:44	
Bromodichloromethane	<0.501	50.0	54.3	109	51.8	104	72-126	5	20	ug/kg	02/04/13 09:44	
Bromoform	<0.959	50.0	54.3	109	49.0	98	62-140	10	20	ug/kg	02/04/13 09:44	
Bromomethane	<2.46	50.0	51.5	103	45.5	91	50-156	12	20	ug/kg	02/04/13 09:44	
Carbon disulfide	<1.46	50.0	56.6	113	49.5	99	42-150	13	20	ug/kg	02/04/13 09:44	
Carbon tetrachloride	<0.742	50.0	62.5	125	56.8	114	55-151	10	20	ug/kg	02/04/13 09:44	
Chlorobenzene	<0.579	50.0	50.2	100	47.0	94	80-111	7	20	ug/kg	02/04/13 09:44	
Chloroethane	<2.45	50.0	50.2	100	47.9	96	54-150	5	20	ug/kg	02/04/13 09:44	
Chloroform	<0.741	50.0	52.4	105	49.5	99	73-117	6	20	ug/kg	02/04/13 09:44	
Chloromethane	<2.30	50.0	56.6	113	51.2	102	40-155	10	20	ug/kg	02/04/13 09:44	
cis-1,2-Dichloroethene	<0.662	50.0	50.0	100	44.7	89	71-122	11	20	ug/kg	02/04/13 09:44	
cis-1,3-Dichloropropene	<0.539	50.0	50.9	102	48.5	97	71-129	5	20	ug/kg	02/04/13 09:44	
Cyclohexane	<0.945	50.0	57.6	115	50.6	101	53-141	13	20	ug/kg	02/04/13 09:44	
Dibromochloromethane	<0.994	50.0	53.7	107	52.2	104	68-131	3	20	ug/kg	02/04/13 09:44	
Dichlorodifluoromethane	<1.18	50.0	66.0	132	57.7	115	12-177	13	20	ug/kg	02/04/13 09:44	
Ethylbenzene	<0.565	50.0	54.4	109	49.3	99	74-131	10	20	ug/kg	02/04/13 09:44	
Isopropylbenzene	<0.759	50.0	58.9	118	51.8	104	73-126	13	20	ug/kg	02/04/13 09:44	
m,p-Xylenes	<1.21	100	109	109	99.0	99	78-122	10	20	ug/kg	02/04/13 09:44	
Methyl acetate	<0.946	50.0	49.2	98	47.8	96	50-150	3	20	ug/kg	02/04/13 09:44	
Methyl tert-butyl ether	<0.693	100	99.7	100	93.1	93	50-162	7	20	ug/kg	02/04/13 09:44	
Methylcyclohexane	<1.09	50.0	65.3	131	56.7	113	54-147	14	20	ug/kg	02/04/13 09:44	
Methylene chloride	<2.17	50.0	52.4	105	50.0	100	61-137	5	20	ug/kg	02/04/13 09:44	
Naphthalene	<1.30	50.0	53.1	106	50.9	102	50-151	4	20	ug/kg	02/04/13 09:44	
o-Xylene	<0.716	50.0	52.3	105	47.1	94	76-121	10	20	ug/kg	02/04/13 09:44	
Styrene	<0.742	50.0	54.0	108	48.5	97	81-117	11	20	ug/kg	02/04/13 09:44	
Tetrachloroethene	<1.04	50.0	56.3	113	49.0	98	70-127	14	20	ug/kg	02/04/13 09:44	
Toluene	<0.588	50.0	49.3	99	45.3	91	75-118	8	20	ug/kg	02/04/13 09:44	
trans-1,2-Dichloroethene	<0.780	50.0	51.8	104	47.8	96	63-137	8	20	ug/kg	02/04/13 09:44	
trans-1,3-Dichloropropene	<0.670	50.0	54.8	110	51.7	103	61-143	6	20	ug/kg	02/04/13 09:44	

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906123 Matrix: Solid Date Prep: 02/04/2013

MB Sample Id: 633298-1-BLK LCS Sample Id: 633298-1-BKS LCSD Sample Id: 633298-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	50.4	101	46.6	93	73-123	8	20	ug/kg	02/04/13 09:44	
Trichlorofluoromethane	<3.51	50.0	59.8	120	52.3	105	47-165	13	20	ug/kg	02/04/13 09:44	
Vinyl chloride	<2.01	50.0	55.9	112	49.9	100	57-139	11	20	ug/kg	02/04/13 09:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	125		106		121		50-150	%	02/04/13 09:44
4-Bromofluorobenzene	105		102		101		57-158	%	02/04/13 09:44
Toluene-D8	103		98		103		50-150	%	02/04/13 09:44

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906204 Matrix: Water Date Prep: 02/04/2013
MB Sample Id: 633340-1-BLK LCS Sample Id: 633340-1-BKS LCSD Sample Id: 633340-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	63	126	62	124	56-141	2	20	ug/L	02/04/13 20:38	
1,1,2,2-Tetrachloroethane	<2.0	50	55	110	54	108	64-135	2	20	ug/L	02/04/13 20:38	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	54	108	54	108	54-134	0	20	ug/L	02/04/13 20:38	
1,1,2-Trichloroethane	<0.88	50	53	106	52	104	73-123	2	20	ug/L	02/04/13 20:38	
1,1-Dichloroethane	<0.74	50	56	112	53	106	66-126	6	20	ug/L	02/04/13 20:38	
1,1-Dichloroethene	<0.98	50	56	112	55	110	65-129	2	20	ug/L	02/04/13 20:38	
1,2,3-Trichlorobenzene	<2.6	50	43	86	42	84	56-146	2	20	ug/L	02/04/13 20:38	
1,2,4-Trichlorobenzene	<1.3	50	41	82	39	78	62-141	5	20	ug/L	02/04/13 20:38	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	69	138	66	132	48-144	4	20	ug/L	02/04/13 20:38	
1,2-Dibromoethane (EDB)	<0.79	50	57	114	55	110	70-130	4	20	ug/L	02/04/13 20:38	
1,2-Dichlorobenzene	<0.73	50	51	102	50	100	77-123	2	20	ug/L	02/04/13 20:38	
1,2-Dichloroethane	<0.82	50	64	128	62	124	57-137	3	20	ug/L	02/04/13 20:38	
1,2-Dichloropropane	<0.81	50	49	98	48	96	74-121	2	20	ug/L	02/04/13 20:38	
1,3-Dichlorobenzene	<0.74	50	50	100	49	98	79-120	2	20	ug/L	02/04/13 20:38	
1,4-Dichlorobenzene	<0.59	50	49	98	47	94	77-119	4	20	ug/L	02/04/13 20:38	
2-Butanone (MEK)	<1.3	100	110	110	110	110	42-165	0	20	ug/L	02/04/13 20:38	
2-Hexanone	<2.5	100	110	110	110	110	46-157	0	20	ug/L	02/04/13 20:38	
4-Methyl-2-pentanone (MIBK)	<2.2	100	100	100	100	100	54-145	0	20	ug/L	02/04/13 20:38	
Acetone	<1.4	100	130	130	120	120	42-178	8	20	ug/L	02/04/13 20:38	
Benzene	<0.67	50	51	102	51	102	76-119	0	20	ug/L	02/04/13 20:38	
Bromochloromethane	<0.47	50	56	112	52	104	75-123	7	20	ug/L	02/04/13 20:38	
Bromodichloromethane	<0.96	50	63	126	60	120	69-131	5	20	ug/L	02/04/13 20:38	
Bromoform	<1.4	50	58	116	55	110	66-130	5	20	ug/L	02/04/13 20:38	
Bromomethane	<2.7	50	55	110	55	110	59-141	0	20	ug/L	02/04/13 20:38	
Carbon disulfide	<0.73	50	58	116	57	114	47-144	2	20	ug/L	02/04/13 20:38	
Carbon tetrachloride	<0.89	50	61	122	60	120	46-155	2	20	ug/L	02/04/13 20:38	
Chlorobenzene	<0.59	50	51	102	51	102	81-114	0	20	ug/L	02/04/13 20:38	
Chloroethane	<0.23	50	51	102	50	100	63-133	2	20	ug/L	02/04/13 20:38	
Chloroform	<1.4	50	60	120	56	112	68-127	7	20	ug/L	02/04/13 20:38	
Chloromethane	<1.2	50	42	84	41	82	43-141	2	20	ug/L	02/04/13 20:38	
cis-1,2-Dichloroethene	<0.80	50	53	106	54	108	73-124	2	20	ug/L	02/04/13 20:38	
cis-1,3-Dichloropropene	<0.76	50	54	108	53	106	72-132	2	20	ug/L	02/04/13 20:38	
Cyclohexane	<0.99	50	39	78	40	80	58-125	3	20	ug/L	02/04/13 20:38	
Dibromochloromethane	<0.79	50	64	128	61	122	69-128	5	20	ug/L	02/04/13 20:38	
Dichlorodifluoromethane	<0.73	50	47	94	46	92	24-153	2	20	ug/L	02/04/13 20:38	
Ethylbenzene	<0.66	50	52	104	51	102	78-122	2	20	ug/L	02/04/13 20:38	
Isopropylbenzene	<1.0	50	44	88	43	86	71-131	2	20	ug/L	02/04/13 20:38	
m,p-Xylenes	<1.2	100	94	94	93	93	76-124	1	20	ug/L	02/04/13 20:38	
Methyl acetate	<0.15	50	58	116	55	110	65-135	5	20	ug/L	02/04/13 20:38	
Methyl tert-butyl ether	<0.62	100	120	120	120	120	59-135	0	20	ug/L	02/04/13 20:38	
Methylcyclohexane	<0.76	50	31	62	32	64	61-125	3	20	ug/L	02/04/13 20:38	
Methylene chloride	<0.92	50	58	116	55	110	64-135	5	20	ug/L	02/04/13 20:38	
Naphthalene	<4.0	50	63	126	61	122	46-159	3	20	ug/L	02/04/13 20:38	
o-Xylene	<0.57	50	47	94	47	94	78-124	0	20	ug/L	02/04/13 20:38	
Styrene	<0.56	50	49	98	48	96	79-123	2	20	ug/L	02/04/13 20:38	
Tetrachloroethene	<1.8	50	49	98	50	100	71-125	2	20	ug/L	02/04/13 20:38	
Toluene	<0.68	50	52	104	51	102	78-118	2	20	ug/L	02/04/13 20:38	
trans-1,2-Dichloroethene	<0.73	50	56	112	55	110	71-126	2	20	ug/L	02/04/13 20:38	
trans-1,3-Dichloropropene	<0.84	50	57	114	57	114	68-131	0	20	ug/L	02/04/13 20:38	

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 906204 Matrix: Water Date Prep: 02/04/2013

MB Sample Id: 633340-1-BLK LCS Sample Id: 633340-1-BKS LCSD Sample Id: 633340-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	54	108	53	106	76-118	2	20	ug/L	02/04/13 20:38	
Trichlorofluoromethane	<0.85	50	54	108	56	112	35-153	4	20	ug/L	02/04/13 20:38	
Vinyl chloride	<0.15	50	45	90	45	90	59-129	0	20	ug/L	02/04/13 20:38	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	123		104		102		53-159	%	02/04/13 20:38
4-Bromofluorobenzene	115		112		109		30-186	%	02/04/13 20:38
Toluene-D8	101		97		97		70-130	%	02/04/13 20:38

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 906123 Matrix: Soil Date Prep: 02/04/2013
Parent Sample Id: 456887-001 MS Sample Id: 456887-001 S MSD Sample Id: 456887-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.911	60.5	72.1	119	78.7	129	62-137	9	20	ug/kg	02/04/13 18:42	
1,1,2,2-Tetrachloroethane	<1.44	60.5	60.3	100	66.0	108	64-128	9	20	ug/kg	02/04/13 18:42	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.34	60.5	76.2	126	76.2	125	33-177	0	20	ug/kg	02/04/13 18:42	
1,1,2-Trichloroethane	<0.810	60.5	56.1	93	61.6	101	61-130	9	20	ug/kg	02/04/13 18:42	
1,1-Dichloroethane	<0.970	60.5	64.2	106	68.1	112	65-136	6	20	ug/kg	02/04/13 18:42	
1,1-Dichloroethene	<1.40	60.5	58.9	97	68.2	112	33-158	15	20	ug/kg	02/04/13 18:42	
1,2,3-Trichlorobenzene	<0.694	60.5	53.5	88	51.5	84	48-135	4	20	ug/kg	02/04/13 18:42	
1,2,4-Trichlorobenzene	<1.06	60.5	55.9	92	53.3	87	43-139	5	20	ug/kg	02/04/13 18:42	
1,2-Dibromo-3-chloropropane (DBCP)	<1.96	60.5	66.0	109	72.8	119	51-130	10	20	ug/kg	02/04/13 18:42	
1,2-Dibromoethane (EDB)	<1.04	60.5	57.9	96	63.2	104	69-132	9	20	ug/kg	02/04/13 18:42	
1,2-Dichlorobenzene	<1.56	60.5	65.2	108	70.5	116	71-120	8	20	ug/kg	02/04/13 18:42	
1,2-Dichloroethane	<0.722	60.5	74.5	123	79.5	130	53-140	6	20	ug/kg	02/04/13 18:42	
1,2-Dichloropropane	<1.12	60.5	53.2	88	59.5	98	68-126	11	20	ug/kg	02/04/13 18:42	
1,3-Dichlorobenzene	<1.21	60.5	68.3	113	67.8	111	68-127	1	20	ug/kg	02/04/13 18:42	
1,4-Dichlorobenzene	<0.827	60.5	71.9	119	73.1	120	72-118	2	20	ug/kg	02/04/13 18:42	X
2-Butanone (MEK)	<11.0	121	111	92	134	110	42-147	19	20	ug/kg	02/04/13 18:42	
2-Hexanone	<1.37	121	117	97	144	118	32-142	21	20	ug/kg	02/04/13 18:42	F
4-Methyl-2-pentanone (MIBK)	<3.91	121	111	92	127	104	34-149	13	20	ug/kg	02/04/13 18:42	
Acetone	<8.32	121	117	97	159	130	51-165	30	20	ug/kg	02/04/13 18:42	F
Benzene	<0.620	60.5	54.3	90	60.1	99	65-135	10	20	ug/kg	02/04/13 18:42	
Bromochloromethane	<1.22	60.5	57.3	95	62.9	103	66-137	9	20	ug/kg	02/04/13 18:42	
Bromodichloromethane	<0.606	60.5	72.0	119	75.3	123	60-129	4	20	ug/kg	02/04/13 18:42	
Bromoform	<1.16	60.5	70.4	116	76.1	125	48-147	8	20	ug/kg	02/04/13 18:42	
Bromomethane	<2.97	60.5	48.0	79	57.6	94	42-170	18	20	ug/kg	02/04/13 18:42	
Carbon disulfide	<1.76	60.5	59.6	99	63.1	103	40-147	6	20	ug/kg	02/04/13 18:42	
Carbon tetrachloride	<0.897	60.5	79.4	131	84.8	139	54-148	7	20	ug/kg	02/04/13 18:42	
Chlorobenzene	<0.700	60.5	58.7	97	62.9	103	71-117	7	20	ug/kg	02/04/13 18:42	
Chloroethane	<2.96	60.5	47.1	78	58.1	95	44-166	21	20	ug/kg	02/04/13 18:42	F
Chloroform	<0.896	60.5	66.2	109	71.8	118	62-127	8	20	ug/kg	02/04/13 18:42	
Chloromethane	<2.79	60.5	36.6	60	38.7	63	34-157	6	20	ug/kg	02/04/13 18:42	
cis-1,2-Dichloroethene	<0.801	60.5	52.4	87	61.1	100	41-155	15	20	ug/kg	02/04/13 18:42	
cis-1,3-Dichloropropene	<0.652	60.5	61.1	101	66.9	110	63-128	9	20	ug/kg	02/04/13 18:42	
Cyclohexane	<1.14	60.5	57.8	96	64.2	105	53-145	10	20	ug/kg	02/04/13 18:42	
Dibromochloromethane	<1.20	60.5	70.3	116	71.6	117	59-135	2	20	ug/kg	02/04/13 18:42	
Dichlorodifluoromethane	<1.43	60.5	30.7	51	32.6	53	16-171	6	20	ug/kg	02/04/13 18:42	
Ethylbenzene	<0.683	60.5	66.2	109	68.7	113	65-139	4	20	ug/kg	02/04/13 18:42	
Isopropylbenzene	<0.918	60.5	70.8	117	76.3	125	62-133	7	20	ug/kg	02/04/13 18:42	
m,p-Xylenes	<1.46	121	130	107	137	112	69-130	5	20	ug/kg	02/04/13 18:42	
Methyl acetate	<1.14	60.5	55.9	92	69.5	114	20-170	22	20	ug/kg	02/04/13 18:42	F
Methyl tert-butyl ether	<0.838	121	117	97	126	103	48-169	7	20	ug/kg	02/04/13 18:42	
Methylcyclohexane	<1.32	60.5	57.1	94	62.5	102	57-149	9	20	ug/kg	02/04/13 18:42	
Methylene chloride	<2.62	60.5	58.9	97	63.3	104	17-184	7	20	ug/kg	02/04/13 18:42	
Naphthalene	<1.57	60.5	49.4	82	56.5	93	27-157	13	20	ug/kg	02/04/13 18:42	
o-Xylene	<0.866	60.5	63.8	105	65.5	107	71-124	3	20	ug/kg	02/04/13 18:42	
Styrene	<0.897	60.5	63.8	105	64.5	106	50-143	1	20	ug/kg	02/04/13 18:42	
Tetrachloroethene	33.8	60.5	86.4	87	96.4	103	42-156	11	20	ug/kg	02/04/13 18:42	
Toluene	<0.711	60.5	58.7	97	63.5	104	65-128	8	20	ug/kg	02/04/13 18:42	
trans-1,2-Dichloroethene	<0.943	60.5	58.5	97	65.3	107	57-143	11	20	ug/kg	02/04/13 18:42	
trans-1,3-Dichloropropene	<0.810	60.5	70.0	116	72.9	120	55-141	4	20	ug/kg	02/04/13 18:42	

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 906123 Matrix: Soil Date Prep: 02/04/2013

Parent Sample Id: 456887-001 MS Sample Id: 456887-001 S MSD Sample Id: 456887-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.855	60.5	65.3	108	79.5	130	39-150	20	20	ug/kg	02/04/13 18:42	
Trichlorofluoromethane	<4.25	60.5	51.4	85	54.0	89	34-179	5	20	ug/kg	02/04/13 18:42	
Vinyl chloride	<2.43	60.5	42.6	70	52.6	86	40-161	21	20	ug/kg	02/04/13 18:42	F

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	114		136		50-150	%	02/04/13 18:42
4-Bromofluorobenzene	109		111		57-158	%	02/04/13 18:42
Toluene-D8	100		103		50-150	%	02/04/13 18:42

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 906204 Matrix: Water Date Prep: 02/04/2013
Parent Sample Id: 456641-001 MS Sample Id: 456641-001 S MSD Sample Id: 456641-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	50	100	51	102	63-149	2	20	ug/L	02/05/13 06:38	
1,1,2,2-Tetrachloroethane	<2.0	50	50	100	53	106	58-140	6	20	ug/L	02/05/13 06:38	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	41	82	41	82	42-156	0	20	ug/L	02/05/13 06:38	
1,1,2-Trichloroethane	<0.88	50	48	96	50	100	49-140	4	20	ug/L	02/05/13 06:38	
1,1-Dichloroethane	<0.74	50	50	100	51	102	67-136	2	20	ug/L	02/05/13 06:38	
1,1-Dichloroethene	<0.98	50	46	92	48	96	52-141	4	20	ug/L	02/05/13 06:38	
1,2,3-Trichlorobenzene	<2.6	50	28	56	35	70	50-131	22	20	ug/L	02/05/13 06:38	F
1,2,4-Trichlorobenzene	<1.3	50	29	58	33	66	51-125	13	20	ug/L	02/05/13 06:38	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	56	112	62	124	43-155	10	20	ug/L	02/05/13 06:38	
1,2-Dibromoethane (EDB)	<0.79	50	53	106	53	106	66-136	0	20	ug/L	02/05/13 06:38	
1,2-Dichlorobenzene	<0.73	50	42	84	44	88	70-124	5	20	ug/L	02/05/13 06:38	
1,2-Dichloroethane	<0.82	50	55	110	56	112	71-143	2	20	ug/L	02/05/13 06:38	
1,2-Dichloropropane	<0.81	50	47	94	48	96	74-125	2	20	ug/L	02/05/13 06:38	
1,3-Dichlorobenzene	<0.74	50	40	80	41	82	73-123	2	20	ug/L	02/05/13 06:38	
1,4-Dichlorobenzene	<0.59	50	40	80	41	82	74-116	2	20	ug/L	02/05/13 06:38	
2-Butanone (MEK)	<1.3	100	95	95	100	100	43-155	5	20	ug/L	02/05/13 06:38	
2-Hexanone	<2.5	100	94	94	98	98	52-148	4	20	ug/L	02/05/13 06:38	
4-Methyl-2-pentanone (MIBK)	<2.2	100	94	94	97	97	61-141	3	20	ug/L	02/05/13 06:38	
Acetone	<1.4	100	100	100	110	110	40-140	10	20	ug/L	02/05/13 06:38	
Benzene	1.0	50	48	94	50	98	78-117	4	20	ug/L	02/05/13 06:38	
Bromochloromethane	<0.47	50	55	110	55	110	65-127	0	20	ug/L	02/05/13 06:38	
Bromodichloromethane	<0.96	50	55	110	55	110	71-133	0	20	ug/L	02/05/13 06:38	
Bromoform	<1.4	50	52	104	52	104	55-129	0	20	ug/L	02/05/13 06:38	
Bromomethane	<2.7	50	47	94	50	100	49-157	6	20	ug/L	02/05/13 06:38	
Carbon disulfide	<0.73	50	47	94	48	96	31-142	2	20	ug/L	02/05/13 06:38	
Carbon tetrachloride	<0.89	50	45	90	46	92	63-152	2	20	ug/L	02/05/13 06:38	
Chlorobenzene	<0.59	50	44	88	44	88	75-117	0	20	ug/L	02/05/13 06:38	
Chloroethane	<0.23	50	45	90	46	92	49-147	2	20	ug/L	02/05/13 06:38	
Chloroform	19	50	52	66	51	64	67-136	2	20	ug/L	02/05/13 06:38	X
Chloromethane	<1.2	50	38	76	38	76	35-162	0	20	ug/L	02/05/13 06:38	
cis-1,2-Dichloroethene	<0.80	50	53	106	54	108	64-132	2	20	ug/L	02/05/13 06:38	
cis-1,3-Dichloropropene	<0.76	50	47	94	47	94	69-116	0	20	ug/L	02/05/13 06:38	
Cyclohexane	<0.99	50	31	62	31	62	59-141	0	20	ug/L	02/05/13 06:38	
Dibromochloromethane	<0.79	50	55	110	56	112	54-144	2	20	ug/L	02/05/13 06:38	
Dichlorodifluoromethane	<0.73	50	36	72	35	70	26-171	3	20	ug/L	02/05/13 06:38	
Ethylbenzene	<0.66	50	41	82	41	82	74-131	0	20	ug/L	02/05/13 06:38	
Isopropylbenzene	<1.0	50	35	70	35	70	63-133	0	20	ug/L	02/05/13 06:38	X
m,p-Xylenes	<1.2	100	75	75	76	76	67-134	1	20	ug/L	02/05/13 06:38	
Methyl acetate	<0.15	50	51	102	55	110	65-135	8	20	ug/L	02/05/13 06:38	
Methyl tert-butyl ether	<0.62	100	110	110	120	120	51-156	9	20	ug/L	02/05/13 06:38	
Methylcyclohexane	<0.76	50	20	40	24	48	62-123	18	20	ug/L	02/05/13 06:38	X
Methylene chloride	<0.92	50	54	108	55	110	52-165	2	20	ug/L	02/05/13 06:38	
Naphthalene	<4.0	50	43	86	55	110	31-151	24	20	ug/L	02/05/13 06:38	F
o-Xylene	<0.57	50	39	78	40	80	70-125	3	20	ug/L	02/05/13 06:38	
Styrene	<0.56	50	42	84	42	84	42-145	0	20	ug/L	02/05/13 06:38	
Tetrachloroethene	<1.8	50	40	80	40	80	57-132	0	20	ug/L	02/05/13 06:38	
Toluene	<0.68	50	46	92	48	96	76-119	4	20	ug/L	02/05/13 06:38	
trans-1,2-Dichloroethene	<0.73	50	48	96	50	100	46-152	4	20	ug/L	02/05/13 06:38	
trans-1,3-Dichloropropene	<0.84	50	48	96	49	98	60-132	2	20	ug/L	02/05/13 06:38	

QC Summary 456887

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 906204 Matrix: Water Date Prep: 02/04/2013

Parent Sample Id: 456641-001 MS Sample Id: 456641-001 S MSD Sample Id: 456641-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	42	84	43	86	77-120	2	20	ug/L	02/05/13 06:38	
Trichlorofluoromethane	<0.85	50	42	84	42	84	47-165	0	20	ug/L	02/05/13 06:38	
Vinyl chloride	<0.15	50	40	80	42	84	43-148	5	20	ug/L	02/05/13 06:38	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		103		53-159	%	02/05/13 06:38
4-Bromofluorobenzene	110		109		30-186	%	02/05/13 06:38
Toluene-D8	98		98		70-130	%	02/05/13 06:38

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 260028 Page 1 of 1

Company-City: AEM, Inc **Phone:** 404-329-9006

Lab Only: WO # 456887

Proj Name-Location: ☒ Previously done at XENCO — Apt **Project ID:** 1133-13017

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL GA LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☒ PM or leona-miles@cor-net.com **Fax No:**

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tony L Lewis Signature: Tony L Lewis

	Sample ID	Sampling Date	Time	Depth (ft In m)	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP		HGLD VOC Analys		TCLP-VOCs (HGLD ACL)					TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed			Addn: Date Rcv by: From:
	Trip Blank included																																	
1	SB-15 (1-2 FT)	2/1/13	1400	1-2	S		X	5	40/4	C	O	X																						1
2	SB-15 (6-8 FT)	2/1/13	1405	6-8	S		X	5	40/4	C		X																						2
3	SB-15 (10-12 FT)	2/1/13	1410	10-12	S		X	5	40/4	C												O												3
4	SB-15 (14-16 FT)	2/1/13	1415	14-16	S		X	5	40/4	C												O												4
5	SB-16 (2-4 FT)	2/1/13	1440	2-4	S		X	5	40/4	C		X																						5
6	SB-16 (6-8 FT)	2/1/13	1445	6-8	S		X	5	40/4	C		X																						6
7	SB-16 (10-12 FT)	2/1/13	1450	10-12	S		X	5	40/4	C		X																						7
8	SB-16 (14-16 FT)	2/1/13	1455	14-16	S		X	5	40/4	C												O												8
9	SB-11 (18-20 FT)	2/1/13	1515	18-20	S		X	5	40/4	C		X																						9
10	SB-11 (24-25 FT)	2/1/13	1520	24-25	S		X	5	40/4	C												O												10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tony L Lewis	2/1/13 1638	2) [illegible]	2/1/13 16:38
2) 3)		4)	
3) 5)		6)	

Total Containers per COC: Cooler Temp: 6.0°

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) DI Water / Methanol

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 02/01/2013 04:38:00 PM

Work Order #: 456887

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	6	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: J. Derek Rounsley Date: 02/01/2013

Checklist reviewed by: David C. Fuller Date: 02/01/2013

Analytical Report 462460

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1302

15-MAY-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

15-MAY-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **462460**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 462460. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 462460 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-30	S	05-03-13 08:12	0 - 2 ft	462460-001
SB-30	S	05-03-13 08:14	2 - 4 ft	462460-002
SB-30	S	05-03-13 08:20	6 - 8 ft	462460-003
SB-30	S	05-03-13 08:30	10 - 12 ft	462460-004
SB-31	S	05-03-13 08:55	0 - 2 ft	462460-005
SB-31	S	05-03-13 09:00	2 - 4 ft	462460-006
SB-31	S	05-03-13 09:05	6 - 8 ft	462460-007
SB-31	S	05-03-13 09:10	10 - 12 ft	462460-008
SB-32	S	05-03-13 09:20	0 - 2 ft	462460-009
SB-32	S	05-03-13 09:25	2 - 4 ft	462460-010
SB-32	S	05-03-13 09:30	6 - 8 ft	462460-011
SB-32	S	05-03-13 09:35	10 - 12 ft	462460-012
SB-33	S	05-03-13 09:50	0 - 2 ft	462460-013
SB-33	S	05-03-13 09:55	2 - 4 ft	462460-014
SB-33	S	05-03-13 10:00	6 - 8 ft	462460-015
SB-33	S	05-03-13 10:05	10 - 12 ft	462460-016
SB-34	S	05-03-13 10:25	0 - 2 ft	462460-017
SB-34	S	05-03-13 10:28	2 - 4 ft	462460-018
Trip Blank	W	05-03-13 00:00		462460-021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-912921 VOCs by SW-846 8260B
SW8260B_ATL

Batch 912921, Isopropylbenzene RPD was outside QC limits.
Samples affected are: 462460-003, -002, -007, -005, -006, -001

The responses of one or more internals were outside the QC criteria (low) for sample 462460-003. The sample was re-analyzed and results were confirmed.

Batch: LBA-912924 VOCs by SW-846 8260B
SW8260B_ATL

Batch 912924, 1,2,3-Trichlorobenzene, Chloroethane RPD was outside QC limits.
Samples affected are: 462460-021

Batch: LBA-913354 VOCs by SW-846 8260B
One or more internal standards were outside of the method specified limit (low) due to matrix interferences and/or sample heterogeneity. The sample was reanalyzed and results were confirmed: 462460-014.

Batch: LBA-913660 VOCs by SW-846 8260B
SW8260B

Batch 913660, Methyl Acetate RPD was outside QC limits.
Samples affected are: 462460-017, -020, -019, -018

SW8260B

Batch 913660, 1,2,3-Trichlorobenzene recovered below QC limits in the Matrix Spike Duplicate. 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Methyl Acetate, Trichlorofluoromethane recovered above QC limits in the Matrix Spike Duplicate.
Samples affected are: 462460-017, -020, -019, -018.
The Laboratory Control Sample for Methyl Acetate, 1,1,2,2-Tetrachloroethane, Trichlorofluoromethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane is within laboratory Control Limits

Internal standard, 1,4-Dichlorobenzene-d4, was outside method acceptance criteria for -018. Matrix interference is suspected. Confirmed by re-analysis.

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-30**	Matrix:	**Soil**	% Moisture:	**16.19**
Lab Sample Id:	**462460-001**	Date Collected:	**05.03.13 08.12**	Basis:	**Dry Weight**
Sample Depth:	**0 - 2 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912921 Date Prep: 05.03.13 06.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	7.11	ug/kg	05.03.13 13.55		1

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-30**	Matrix:	**Soil**	% Moisture:	**21.99**
Lab Sample Id:	**462460-003**	Date Collected:	**05.03.13 08.20**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912921 Date Prep: 05.06.13 07.14

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	3870	ug/kg	05.03.13 18.16	D	50

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-30**	Matrix:	**Soil**	% Moisture:	**25.3**
Lab Sample Id:	**462460-004**	Date Collected:	**05.03.13 08.30**	Basis:	**Dry Weight**
Sample Depth:	**10 - 12 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913262 Date Prep: 05.08.13 06.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	6.59	ug/kg	05.08.13 17.05		1

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-31**	Matrix:	**Soil**	% Moisture:	**14.77**
Lab Sample Id:	**462460-005**	Date Collected:	**05.03.13 08.55**	Basis:	**Dry Weight**
Sample Depth:	**0 - 2 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912921 Date Prep: 05.03.13 06.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	10.5	ug/kg	05.03.13 15.10		1

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-32**	Matrix:	**Soil**	% Moisture:	**16.55**
Lab Sample Id:	**462460-010**	Date Collected:	**05.03.13 09.25**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913264 Date Prep: 05.08.13 07.15

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	545	ug/kg	05.08.13 14.24		50

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-32**	Matrix:	**Soil**	% Moisture:	**20.51**
Lab Sample Id:	**462460-011**	Date Collected:	**05.03.13 09.30**	Basis:	**Dry Weight**
Sample Depth:	**6 - 8 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913354 Date Prep: 05.09.13 12.37

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	21.1	ug/kg	05.09.13 16.23		1

Hits Summary 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-33**	Matrix:	**Soil**	% Moisture:	**19.75**
Lab Sample Id:	**462460-014**	Date Collected:	**05.03.13 09.55**	Basis:	**Dry Weight**
Sample Depth:	**2 - 4 ft**	Date Received:	**05.03.13 11.59**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913354 Date Prep: 05.10.13 07.44

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	2800	ug/kg	05.10.13 12.10	D	50

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-001** | Date Collected: 05.03.13 08.12 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.19
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,1-Dichloroethane	75-34-3	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,1-Dichloroethene	75-35-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2-Dichloroethane	107-06-2	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,2-Dichloropropane	78-87-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.79	ug/kg	05.03.13 13.55	U	1
2-Butanone (MEK)	78-93-3	BRL	57.9	ug/kg	05.03.13 13.55	U	1
2-Hexanone	591-78-6	BRL	57.9	ug/kg	05.03.13 13.55	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	57.9	ug/kg	05.03.13 13.55	U	1
Acetone	67-64-1	BRL	57.9	ug/kg	05.03.13 13.55	U	1
Benzene	71-43-2	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Bromochloromethane	74-97-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Bromodichloromethane	75-27-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Bromoform	75-25-2	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Bromomethane	74-83-9	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Carbon disulfide	75-15-0	BRL	46.3	ug/kg	05.03.13 13.55	U	1
Carbon tetrachloride	56-23-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Chlorobenzene	108-90-7	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Chloroethane	75-00-3	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Chloroform	67-66-3	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Chloromethane	74-87-3	BRL	11.6	ug/kg	05.03.13 13.55	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.79	ug/kg	05.03.13 13.55	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Cyclohexane	110-82-7	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Dibromochloromethane	124-48-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Ethylbenzene	100-41-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Isopropylbenzene	98-82-8	BRL	5.79	ug/kg	05.03.13 13.55	U	1
m,p-Xylenes	179601-23-1	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Methyl acetate	79-20-9	BRL	5.79	ug/kg	05.03.13 13.55	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-001** | Date Collected: 05.03.13 08.12 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.19
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Methylcyclohexane	108-87-2	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Methylene chloride	75-09-2	BRL	23.2	ug/kg	05.03.13 13.55	U	1
Naphthalene	91-20-3	BRL	5.79	ug/kg	05.03.13 13.55	U	1
o-Xylene	95-47-6	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Styrene	100-42-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Tetrachloroethene	127-18-4	**7.11**	5.79	ug/kg	05.03.13 13.55		1
Toluene	108-88-3	BRL	5.79	ug/kg	05.03.13 13.55	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.79	ug/kg	05.03.13 13.55	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Trichloroethene	79-01-6	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Trichlorofluoromethane	75-69-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1
Vinyl chloride	75-01-4	BRL	5.79	ug/kg	05.03.13 13.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	97	%	50-150	05.03.13 13.55	
4-Bromofluorobenzene	460-00-4	102	%	57-158	05.03.13 13.55	
Toluene-D8	2037-26-5	97	%	50-150	05.03.13 13.55	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-002** | Date Collected: 05.03.13 08.14 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 23.84
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,1-Dichloroethane	75-34-3	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,1-Dichloroethene	75-35-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2-Dichloroethane	107-06-2	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,2-Dichloropropane	78-87-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.00	ug/kg	05.03.13 14.20	U	1
2-Butanone (MEK)	78-93-3	BRL	50.0	ug/kg	05.03.13 14.20	U	1
2-Hexanone	591-78-6	BRL	50.0	ug/kg	05.03.13 14.20	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50.0	ug/kg	05.03.13 14.20	U	1
Acetone	67-64-1	BRL	50.0	ug/kg	05.03.13 14.20	U	1
Benzene	71-43-2	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Bromochloromethane	74-97-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Bromodichloromethane	75-27-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Bromoform	75-25-2	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Bromomethane	74-83-9	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Carbon disulfide	75-15-0	BRL	40.0	ug/kg	05.03.13 14.20	U	1
Carbon tetrachloride	56-23-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Chlorobenzene	108-90-7	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Chloroethane	75-00-3	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Chloroform	67-66-3	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Chloromethane	74-87-3	BRL	9.99	ug/kg	05.03.13 14.20	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.00	ug/kg	05.03.13 14.20	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Cyclohexane	110-82-7	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Dibromochloromethane	124-48-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Ethylbenzene	100-41-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Isopropylbenzene	98-82-8	BRL	5.00	ug/kg	05.03.13 14.20	U	1
m,p-Xylenes	179601-23-1	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Methyl acetate	79-20-9	BRL	5.00	ug/kg	05.03.13 14.20	U	1

Certificate of Analytical Results 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59

Lab Sample Id: **462460-002** | Date Collected: 05.03.13 08.14 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A

Tech: BAT | % Moisture: 23.84

Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight

Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Methylcyclohexane	108-87-2	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Methylene chloride	75-09-2	BRL	20.0	ug/kg	05.03.13 14.20	U	1
Naphthalene	91-20-3	BRL	5.00	ug/kg	05.03.13 14.20	U	1
o-Xylene	95-47-6	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Styrene	100-42-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Tetrachloroethene	127-18-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Toluene	108-88-3	BRL	5.00	ug/kg	05.03.13 14.20	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.00	ug/kg	05.03.13 14.20	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Trichloroethene	79-01-6	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Trichlorofluoromethane	75-69-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1
Vinyl chloride	75-01-4	BRL	5.00	ug/kg	05.03.13 14.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	91	%	50-150	05.03.13 14.20	
4-Bromofluorobenzene	460-00-4	98	%	57-158	05.03.13 14.20	
Toluene-D8	2037-26-5	95	%	50-150	05.03.13 14.20	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-003** | Date Collected: 05.03.13 08.20 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 21.99
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,1-Dichloroethane	75-34-3	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,1-Dichloroethene	75-35-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2-Dichloroethane	107-06-2	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,2-Dichloropropane	78-87-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	7.15	ug/kg	05.03.13 14.45	U	1
2-Butanone (MEK)	78-93-3	BRL	71.5	ug/kg	05.03.13 14.45	U	1
2-Hexanone	591-78-6	BRL	71.5	ug/kg	05.03.13 14.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	71.5	ug/kg	05.03.13 14.45	U	1
Acetone	67-64-1	BRL	71.5	ug/kg	05.03.13 14.45	U	1
Benzene	71-43-2	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Bromochloromethane	74-97-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Bromodichloromethane	75-27-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Bromoform	75-25-2	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Bromomethane	74-83-9	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Carbon disulfide	75-15-0	BRL	57.2	ug/kg	05.03.13 14.45	U	1
Carbon tetrachloride	56-23-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Chlorobenzene	108-90-7	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Chloroethane	75-00-3	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Chloroform	67-66-3	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Chloromethane	74-87-3	BRL	14.3	ug/kg	05.03.13 14.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	7.15	ug/kg	05.03.13 14.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Cyclohexane	110-82-7	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Dibromochloromethane	124-48-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Ethylbenzene	100-41-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Isopropylbenzene	98-82-8	BRL	7.15	ug/kg	05.03.13 14.45	U	1
m,p-Xylenes	179601-23-1	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Methyl acetate	79-20-9	BRL	7.15	ug/kg	05.03.13 14.45	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-003** | Date Collected: 05.03.13 08.20 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 21.99
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Methylcyclohexane	108-87-2	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Methylene chloride	75-09-2	BRL	28.6	ug/kg	05.03.13 14.45	U	1
Naphthalene	91-20-3	BRL	7.15	ug/kg	05.03.13 14.45	U	1
o-Xylene	95-47-6	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Styrene	100-42-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Tetrachloroethene	127-18-4	**3870**	261	ug/kg	05.03.13 18.16	D	50
Toluene	108-88-3	BRL	7.15	ug/kg	05.03.13 14.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	7.15	ug/kg	05.03.13 14.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Trichloroethene	79-01-6	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Trichlorofluoromethane	75-69-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1
Vinyl chloride	75-01-4	BRL	7.15	ug/kg	05.03.13 14.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	101	%	50-150	05.03.13 14.45	
4-Bromofluorobenzene	460-00-4	147	%	57-158	05.03.13 14.45	
Toluene-D8	2037-26-5	138	%	50-150	05.03.13 14.45	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-004** | Date Collected: 05.03.13 08.30 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 25.3
Analyst: MLA | Date Prep: 05.08.13 06.49 | Basis: Dry Weight
Seq Number: 913262

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,1-Dichloroethane	75-34-3	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,1-Dichloroethene	75-35-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2-Dichloroethane	107-06-2	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,2-Dichloropropane	78-87-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.85	ug/kg	05.08.13 17.05	U	1
2-Butanone (MEK)	78-93-3	BRL	58.5	ug/kg	05.08.13 17.05	U	1
2-Hexanone	591-78-6	BRL	58.5	ug/kg	05.08.13 17.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	58.5	ug/kg	05.08.13 17.05	U	1
Acetone	67-64-1	BRL	58.5	ug/kg	05.08.13 17.05	U	1
Benzene	71-43-2	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Bromochloromethane	74-97-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Bromodichloromethane	75-27-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Bromoform	75-25-2	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Bromomethane	74-83-9	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Carbon disulfide	75-15-0	BRL	46.8	ug/kg	05.08.13 17.05	U	1
Carbon tetrachloride	56-23-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Chlorobenzene	108-90-7	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Chloroethane	75-00-3	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Chloroform	67-66-3	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Chloromethane	74-87-3	BRL	11.7	ug/kg	05.08.13 17.05	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.85	ug/kg	05.08.13 17.05	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Cyclohexane	110-82-7	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Dibromochloromethane	124-48-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Ethylbenzene	100-41-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Isopropylbenzene	98-82-8	BRL	5.85	ug/kg	05.08.13 17.05	U	1
m,p-Xylenes	179601-23-1	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Methyl acetate	79-20-9	BRL	5.85	ug/kg	05.08.13 17.05	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-30** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-004** | Date Collected: 05.03.13 08.30 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 25.3
Analyst: MLA | Date Prep: 05.08.13 06.49 | Basis: Dry Weight
Seq Number: 913262

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Methylcyclohexane	108-87-2	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Methylene chloride	75-09-2	BRL	23.4	ug/kg	05.08.13 17.05	U	1
Naphthalene	91-20-3	BRL	5.85	ug/kg	05.08.13 17.05	U	1
o-Xylene	95-47-6	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Styrene	100-42-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Tetrachloroethene	127-18-4	**6.59**	5.85	ug/kg	05.08.13 17.05		1
Toluene	108-88-3	BRL	5.85	ug/kg	05.08.13 17.05	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.85	ug/kg	05.08.13 17.05	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Trichloroethene	79-01-6	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Trichlorofluoromethane	75-69-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1
Vinyl chloride	75-01-4	BRL	5.85	ug/kg	05.08.13 17.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	94	%	50-150	05.08.13 17.05	
4-Bromofluorobenzene	460-00-4	83	%	57-158	05.08.13 17.05	
Toluene-D8	2037-26-5	90	%	50-150	05.08.13 17.05	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-005** | Date Collected: 05.03.13 08.55 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 14.77
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.39	ug/kg	05.03.13 15.10	U	1
2-Butanone (MEK)	78-93-3	BRL	53.9	ug/kg	05.03.13 15.10	U	1
2-Hexanone	591-78-6	BRL	53.9	ug/kg	05.03.13 15.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	53.9	ug/kg	05.03.13 15.10	U	1
Acetone	67-64-1	BRL	53.9	ug/kg	05.03.13 15.10	U	1
Benzene	71-43-2	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Bromochloromethane	74-97-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Bromodichloromethane	75-27-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Bromoform	75-25-2	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Bromomethane	74-83-9	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Carbon disulfide	75-15-0	BRL	43.1	ug/kg	05.03.13 15.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Chlorobenzene	108-90-7	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Chloroethane	75-00-3	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Chloroform	67-66-3	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Chloromethane	74-87-3	BRL	10.8	ug/kg	05.03.13 15.10	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.39	ug/kg	05.03.13 15.10	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Cyclohexane	110-82-7	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Dibromochloromethane	124-48-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Ethylbenzene	100-41-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Isopropylbenzene	98-82-8	BRL	5.39	ug/kg	05.03.13 15.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Methyl acetate	79-20-9	BRL	5.39	ug/kg	05.03.13 15.10	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-005** | Date Collected: 05.03.13 08.55 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 14.77
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Methylcyclohexane	108-87-2	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Methylene chloride	75-09-2	BRL	21.6	ug/kg	05.03.13 15.10	U	1
Naphthalene	91-20-3	BRL	5.39	ug/kg	05.03.13 15.10	U	1
o-Xylene	95-47-6	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Styrene	100-42-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Tetrachloroethene	127-18-4	**10.5**	5.39	ug/kg	05.03.13 15.10		1
Toluene	108-88-3	BRL	5.39	ug/kg	05.03.13 15.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.39	ug/kg	05.03.13 15.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Trichloroethene	79-01-6	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1
Vinyl chloride	75-01-4	BRL	5.39	ug/kg	05.03.13 15.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	81	%	50-150	05.03.13 15.10	
4-Bromofluorobenzene	460-00-4	108	%	57-158	05.03.13 15.10	
Toluene-D8	2037-26-5	97	%	50-150	05.03.13 15.10	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-006** | Date Collected: 05.03.13 09.00 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 14.63
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,1,2-Trichloroethane	79-00-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,1-Dichloroethane	75-34-3	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,1-Dichloroethene	75-35-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2-Dichlorobenzene	95-50-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2-Dichloroethane	107-06-2	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,2-Dichloropropane	78-87-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,3-Dichlorobenzene	541-73-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
1,4-Dichlorobenzene	106-46-7	BRL	7.01	ug/kg	05.03.13 15.35	U	1
2-Butanone (MEK)	78-93-3	BRL	70.1	ug/kg	05.03.13 15.35	U	1
2-Hexanone	591-78-6	BRL	70.1	ug/kg	05.03.13 15.35	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	70.1	ug/kg	05.03.13 15.35	U	1
Acetone	67-64-1	BRL	70.1	ug/kg	05.03.13 15.35	U	1
Benzene	71-43-2	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Bromochloromethane	74-97-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Bromodichloromethane	75-27-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Bromoform	75-25-2	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Bromomethane	74-83-9	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Carbon disulfide	75-15-0	BRL	56.0	ug/kg	05.03.13 15.35	U	1
Carbon tetrachloride	56-23-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Chlorobenzene	108-90-7	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Chloroethane	75-00-3	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Chloroform	67-66-3	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Chloromethane	74-87-3	BRL	14.0	ug/kg	05.03.13 15.35	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	7.01	ug/kg	05.03.13 15.35	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Cyclohexane	110-82-7	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Dibromochloromethane	124-48-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Dichlorodifluoromethane	75-71-8	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Ethylbenzene	100-41-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Isopropylbenzene	98-82-8	BRL	7.01	ug/kg	05.03.13 15.35	U	1
m,p-Xylenes	179601-23-1	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Methyl acetate	79-20-9	BRL	7.01	ug/kg	05.03.13 15.35	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-006** | Date Collected: 05.03.13 09.00 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 14.63
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Methylcyclohexane	108-87-2	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Methylene chloride	75-09-2	BRL	28.0	ug/kg	05.03.13 15.35	U	1
Naphthalene	91-20-3	BRL	7.01	ug/kg	05.03.13 15.35	U	1
o-Xylene	95-47-6	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Styrene	100-42-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Tetrachloroethene	127-18-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Toluene	108-88-3	BRL	7.01	ug/kg	05.03.13 15.35	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	7.01	ug/kg	05.03.13 15.35	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Trichloroethene	79-01-6	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Trichlorofluoromethane	75-69-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1
Vinyl chloride	75-01-4	BRL	7.01	ug/kg	05.03.13 15.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	81	%	50-150	05.03.13 15.35	
4-Bromofluorobenzene	460-00-4	100	%	57-158	05.03.13 15.35	
Toluene-D8	2037-26-5	98	%	50-150	05.03.13 15.35	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-007** | Date Collected: 05.03.13 09.05 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 20.6
Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight
Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,1-Dichloroethane	75-34-3	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,1-Dichloroethene	75-35-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2-Dichloroethane	107-06-2	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,2-Dichloropropane	78-87-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.26	ug/kg	05.03.13 16.25	U	1
2-Butanone (MEK)	78-93-3	BRL	52.6	ug/kg	05.03.13 16.25	U	1
2-Hexanone	591-78-6	BRL	52.6	ug/kg	05.03.13 16.25	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	52.6	ug/kg	05.03.13 16.25	U	1
Acetone	67-64-1	BRL	52.6	ug/kg	05.03.13 16.25	U	1
Benzene	71-43-2	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Bromochloromethane	74-97-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Bromodichloromethane	75-27-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Bromoform	75-25-2	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Bromomethane	74-83-9	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Carbon disulfide	75-15-0	BRL	42.1	ug/kg	05.03.13 16.25	U	1
Carbon tetrachloride	56-23-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Chlorobenzene	108-90-7	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Chloroethane	75-00-3	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Chloroform	67-66-3	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Chloromethane	74-87-3	BRL	10.5	ug/kg	05.03.13 16.25	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.26	ug/kg	05.03.13 16.25	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Cyclohexane	110-82-7	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Dibromochloromethane	124-48-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Ethylbenzene	100-41-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Isopropylbenzene	98-82-8	BRL	5.26	ug/kg	05.03.13 16.25	U	1
m,p-Xylenes	179601-23-1	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Methyl acetate	79-20-9	BRL	5.26	ug/kg	05.03.13 16.25	U	1

Certificate of Analytical Results 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59

Lab Sample Id: **462460-007** | Date Collected: 05.03.13 09.05 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A

Tech: BAT | % Moisture: 20.6

Analyst: MLA | Date Prep: 05.03.13 06.50 | Basis: Dry Weight

Seq Number: 912921

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Methylcyclohexane	108-87-2	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Methylene chloride	75-09-2	BRL	21.0	ug/kg	05.03.13 16.25	U	1
Naphthalene	91-20-3	BRL	5.26	ug/kg	05.03.13 16.25	U	1
o-Xylene	95-47-6	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Styrene	100-42-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Tetrachloroethene	127-18-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Toluene	108-88-3	BRL	5.26	ug/kg	05.03.13 16.25	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.26	ug/kg	05.03.13 16.25	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Trichloroethene	79-01-6	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Trichlorofluoromethane	75-69-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1
Vinyl chloride	75-01-4	BRL	5.26	ug/kg	05.03.13 16.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	82	%	50-150	05.03.13 16.25	
4-Bromofluorobenzene	460-00-4	100	%	57-158	05.03.13 16.25	
Toluene-D8	2037-26-5	96	%	50-150	05.03.13 16.25	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-008** | Date Collected: 05.03.13 09.10 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.37
Analyst: MLA | Date Prep: 05.08.13 06.49 | Basis: Dry Weight
Seq Number: 913262

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,1-Dichloroethane	75-34-3	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,1-Dichloroethene	75-35-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2-Dichloroethane	107-06-2	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,2-Dichloropropane	78-87-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.44	ug/kg	05.08.13 17.33	U	1
2-Butanone (MEK)	78-93-3	BRL	54.4	ug/kg	05.08.13 17.33	U	1
2-Hexanone	591-78-6	BRL	54.4	ug/kg	05.08.13 17.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	54.4	ug/kg	05.08.13 17.33	U	1
Acetone	67-64-1	BRL	54.4	ug/kg	05.08.13 17.33	U	1
Benzene	71-43-2	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Bromochloromethane	74-97-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Bromodichloromethane	75-27-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Bromoform	75-25-2	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Bromomethane	74-83-9	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Carbon disulfide	75-15-0	BRL	43.5	ug/kg	05.08.13 17.33	U	1
Carbon tetrachloride	56-23-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Chlorobenzene	108-90-7	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Chloroethane	75-00-3	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Chloroform	67-66-3	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Chloromethane	74-87-3	BRL	10.9	ug/kg	05.08.13 17.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.44	ug/kg	05.08.13 17.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Cyclohexane	110-82-7	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Dibromochloromethane	124-48-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Ethylbenzene	100-41-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Isopropylbenzene	98-82-8	BRL	5.44	ug/kg	05.08.13 17.33	U	1
m,p-Xylenes	179601-23-1	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Methyl acetate	79-20-9	BRL	5.44	ug/kg	05.08.13 17.33	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-31** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-008** | Date Collected: 05.03.13 09.10 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.37
Analyst: MLA | Date Prep: 05.08.13 06.49 | Basis: Dry Weight
Seq Number: 913262

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Methylcyclohexane	108-87-2	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Methylene chloride	75-09-2	BRL	21.7	ug/kg	05.08.13 17.33	U	1
Naphthalene	91-20-3	BRL	5.44	ug/kg	05.08.13 17.33	U	1
o-Xylene	95-47-6	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Styrene	100-42-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Tetrachloroethene	127-18-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Toluene	108-88-3	BRL	5.44	ug/kg	05.08.13 17.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.44	ug/kg	05.08.13 17.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Trichloroethene	79-01-6	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Trichlorofluoromethane	75-69-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1
Vinyl chloride	75-01-4	BRL	5.44	ug/kg	05.08.13 17.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	111	%	50-150	05.08.13 17.33	
4-Bromofluorobenzene	460-00-4	83	%	57-158	05.08.13 17.33	
Toluene-D8	2037-26-5	84	%	50-150	05.08.13 17.33	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** Matrix: Soil Date Received: 05.03.13 11.59
Lab Sample Id: **462460-009** Date Collected: 05.03.13 09.20 **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: MWE % Moisture: 15.25
Analyst: MLA Date Prep: 05.09.13 12.37 Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,1-Dichloroethane	75-34-3	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,1-Dichloroethene	75-35-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2-Dichloroethane	107-06-2	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,2-Dichloropropane	78-87-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.66	ug/kg	05.09.13 16.49	U	1
2-Butanone (MEK)	78-93-3	BRL	66.6	ug/kg	05.09.13 16.49	U	1
2-Hexanone	591-78-6	BRL	66.6	ug/kg	05.09.13 16.49	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	66.6	ug/kg	05.09.13 16.49	U	1
Acetone	67-64-1	BRL	66.6	ug/kg	05.09.13 16.49	U	1
Benzene	71-43-2	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Bromochloromethane	74-97-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Bromodichloromethane	75-27-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Bromoform	75-25-2	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Bromomethane	74-83-9	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Carbon disulfide	75-15-0	BRL	53.3	ug/kg	05.09.13 16.49	U	1
Carbon tetrachloride	56-23-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Chlorobenzene	108-90-7	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Chloroethane	75-00-3	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Chloroform	67-66-3	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Chloromethane	74-87-3	BRL	13.3	ug/kg	05.09.13 16.49	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.66	ug/kg	05.09.13 16.49	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Cyclohexane	110-82-7	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Dibromochloromethane	124-48-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Ethylbenzene	100-41-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Isopropylbenzene	98-82-8	BRL	6.66	ug/kg	05.09.13 16.49	U	1
m,p-Xylenes	179601-23-1	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Methyl acetate	79-20-9	BRL	6.66	ug/kg	05.09.13 16.49	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-009** | Date Collected: 05.03.13 09.20 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 15.25
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Methylcyclohexane	108-87-2	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Methylene chloride	75-09-2	BRL	26.6	ug/kg	05.09.13 16.49	U	1
Naphthalene	91-20-3	BRL	6.66	ug/kg	05.09.13 16.49	U	1
o-Xylene	95-47-6	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Styrene	100-42-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Tetrachloroethene	127-18-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Toluene	108-88-3	BRL	6.66	ug/kg	05.09.13 16.49	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.66	ug/kg	05.09.13 16.49	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Trichloroethene	79-01-6	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Trichlorofluoromethane	75-69-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1
Vinyl chloride	75-01-4	BRL	6.66	ug/kg	05.09.13 16.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	05.09.13 16.49	
4-Bromofluorobenzene	460-00-4	86	%	57-158	05.09.13 16.49	
Toluene-D8	2037-26-5	93	%	50-150	05.09.13 16.49	

Certificate of Analytical Results 462460

XENCO Laboratories
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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-010** | Date Collected: 05.03.13 09.25 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.55
Analyst: MLA | Date Prep: 05.08.13 07.15 | Basis: Dry Weight
Seq Number: 913264

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	392	ug/kg	05.08.13 14.24	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	392	ug/kg	05.08.13 14.24	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	392	ug/kg	05.08.13 14.24	U	50
1,1,2-Trichloroethane	79-00-5	BRL	392	ug/kg	05.08.13 14.24	U	50
1,1-Dichloroethane	75-34-3	BRL	392	ug/kg	05.08.13 14.24	U	50
1,1-Dichloroethene	75-35-4	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2-Dichlorobenzene	95-50-1	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2-Dichloroethane	107-06-2	BRL	392	ug/kg	05.08.13 14.24	U	50
1,2-Dichloropropane	78-87-5	BRL	392	ug/kg	05.08.13 14.24	U	50
1,3-Dichlorobenzene	541-73-1	BRL	392	ug/kg	05.08.13 14.24	U	50
1,4-Dichlorobenzene	106-46-7	BRL	392	ug/kg	05.08.13 14.24	U	50
2-Butanone (MEK)	78-93-3	BRL	3920	ug/kg	05.08.13 14.24	U	50
2-Hexanone	591-78-6	BRL	3920	ug/kg	05.08.13 14.24	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	3920	ug/kg	05.08.13 14.24	U	50
Acetone	67-64-1	BRL	3920	ug/kg	05.08.13 14.24	U	50
Benzene	71-43-2	BRL	392	ug/kg	05.08.13 14.24	U	50
Bromochloromethane	74-97-5	BRL	392	ug/kg	05.08.13 14.24	U	50
Bromodichloromethane	75-27-4	BRL	392	ug/kg	05.08.13 14.24	U	50
Bromoform	75-25-2	BRL	392	ug/kg	05.08.13 14.24	U	50
Bromomethane	74-83-9	BRL	392	ug/kg	05.08.13 14.24	U	50
Carbon disulfide	75-15-0	BRL	3140	ug/kg	05.08.13 14.24	U	50
Carbon tetrachloride	56-23-5	BRL	392	ug/kg	05.08.13 14.24	U	50
Chlorobenzene	108-90-7	BRL	392	ug/kg	05.08.13 14.24	U	50
Chloroethane	75-00-3	BRL	392	ug/kg	05.08.13 14.24	U	50
Chloroform	67-66-3	BRL	392	ug/kg	05.08.13 14.24	U	50
Chloromethane	74-87-3	BRL	784	ug/kg	05.08.13 14.24	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	392	ug/kg	05.08.13 14.24	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	392	ug/kg	05.08.13 14.24	U	50
Cyclohexane	110-82-7	BRL	392	ug/kg	05.08.13 14.24	U	50
Dibromochloromethane	124-48-1	BRL	392	ug/kg	05.08.13 14.24	U	50
Dichlorodifluoromethane	75-71-8	BRL	392	ug/kg	05.08.13 14.24	U	50
Ethylbenzene	100-41-4	BRL	392	ug/kg	05.08.13 14.24	U	50
Isopropylbenzene	98-82-8	BRL	392	ug/kg	05.08.13 14.24	U	50
m,p-Xylenes	179601-23-1	BRL	392	ug/kg	05.08.13 14.24	U	50
Methyl acetate	79-20-9	BRL	392	ug/kg	05.08.13 14.24	U	50

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-010** | Date Collected: 05.03.13 09.25 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 16.55
Analyst: MLA | Date Prep: 05.08.13 07.15 | Basis: Dry Weight
Seq Number: 913264

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	392	ug/kg	05.08.13 14.24	U	50
Methylcyclohexane	108-87-2	BRL	392	ug/kg	05.08.13 14.24	U	50
Methylene chloride	75-09-2	BRL	1570	ug/kg	05.08.13 14.24	U	50
Naphthalene	91-20-3	BRL	392	ug/kg	05.08.13 14.24	U	50
o-Xylene	95-47-6	BRL	392	ug/kg	05.08.13 14.24	U	50
Styrene	100-42-5	BRL	392	ug/kg	05.08.13 14.24	U	50
Tetrachloroethene	127-18-4	**545**	392	ug/kg	05.08.13 14.24		50
Toluene	108-88-3	BRL	392	ug/kg	05.08.13 14.24	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	392	ug/kg	05.08.13 14.24	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	392	ug/kg	05.08.13 14.24	U	50
Trichloroethene	79-01-6	BRL	392	ug/kg	05.08.13 14.24	U	50
Trichlorofluoromethane	75-69-4	BRL	392	ug/kg	05.08.13 14.24	U	50
Vinyl chloride	75-01-4	BRL	392	ug/kg	05.08.13 14.24	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	05.08.13 14.24	
4-Bromofluorobenzene	460-00-4	114	%	57-158	05.08.13 14.24	
Toluene-D8	2037-26-5	102	%	50-150	05.08.13 14.24	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-011** | Date Collected: 05.03.13 09.30 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 20.51
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,1,2-Trichloroethane	79-00-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,1-Dichloroethane	75-34-3	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,1-Dichloroethene	75-35-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2-Dichlorobenzene	95-50-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2-Dichloroethane	107-06-2	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,2-Dichloropropane	78-87-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,3-Dichlorobenzene	541-73-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
1,4-Dichlorobenzene	106-46-7	BRL	8.15	ug/kg	05.09.13 16.23	U	1
2-Butanone (MEK)	78-93-3	BRL	81.5	ug/kg	05.09.13 16.23	U	1
2-Hexanone	591-78-6	BRL	81.5	ug/kg	05.09.13 16.23	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	81.5	ug/kg	05.09.13 16.23	U	1
Acetone	67-64-1	BRL	81.5	ug/kg	05.09.13 16.23	U	1
Benzene	71-43-2	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Bromochloromethane	74-97-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Bromodichloromethane	75-27-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Bromoform	75-25-2	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Bromomethane	74-83-9	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Carbon disulfide	75-15-0	BRL	65.2	ug/kg	05.09.13 16.23	U	1
Carbon tetrachloride	56-23-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Chlorobenzene	108-90-7	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Chloroethane	75-00-3	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Chloroform	67-66-3	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Chloromethane	74-87-3	BRL	16.3	ug/kg	05.09.13 16.23	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	8.15	ug/kg	05.09.13 16.23	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Cyclohexane	110-82-7	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Dibromochloromethane	124-48-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Dichlorodifluoromethane	75-71-8	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Ethylbenzene	100-41-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Isopropylbenzene	98-82-8	BRL	8.15	ug/kg	05.09.13 16.23	U	1
m,p-Xylenes	179601-23-1	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Methyl acetate	79-20-9	BRL	8.15	ug/kg	05.09.13 16.23	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-011** | Date Collected: 05.03.13 09.30 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 20.51
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Methylcyclohexane	108-87-2	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Methylene chloride	75-09-2	BRL	32.6	ug/kg	05.09.13 16.23	U	1
Naphthalene	91-20-3	BRL	8.15	ug/kg	05.09.13 16.23	U	1
o-Xylene	95-47-6	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Styrene	100-42-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Tetrachloroethene	127-18-4	**21.1**	8.15	ug/kg	05.09.13 16.23		1
Toluene	108-88-3	BRL	8.15	ug/kg	05.09.13 16.23	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	8.15	ug/kg	05.09.13 16.23	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Trichloroethene	79-01-6	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Trichlorofluoromethane	75-69-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1
Vinyl chloride	75-01-4	BRL	8.15	ug/kg	05.09.13 16.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	103	%	50-150	05.09.13 16.23	
4-Bromofluorobenzene	460-00-4	88	%	57-158	05.09.13 16.23	
Toluene-D8	2037-26-5	90	%	50-150	05.09.13 16.23	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-012** | Date Collected: 05.03.13 09.35 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 23.89
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,1-Dichloroethane	75-34-3	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,1-Dichloroethene	75-35-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2-Dichloroethane	107-06-2	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,2-Dichloropropane	78-87-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.14	ug/kg	05.09.13 17.14	U	1
2-Butanone (MEK)	78-93-3	BRL	51.4	ug/kg	05.09.13 17.14	U	1
2-Hexanone	591-78-6	BRL	51.4	ug/kg	05.09.13 17.14	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	51.4	ug/kg	05.09.13 17.14	U	1
Acetone	67-64-1	BRL	51.4	ug/kg	05.09.13 17.14	U	1
Benzene	71-43-2	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Bromochloromethane	74-97-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Bromodichloromethane	75-27-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Bromoform	75-25-2	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Bromomethane	74-83-9	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Carbon disulfide	75-15-0	BRL	41.1	ug/kg	05.09.13 17.14	U	1
Carbon tetrachloride	56-23-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Chlorobenzene	108-90-7	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Chloroethane	75-00-3	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Chloroform	67-66-3	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Chloromethane	74-87-3	BRL	10.3	ug/kg	05.09.13 17.14	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.14	ug/kg	05.09.13 17.14	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Cyclohexane	110-82-7	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Dibromochloromethane	124-48-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Ethylbenzene	100-41-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Isopropylbenzene	98-82-8	BRL	5.14	ug/kg	05.09.13 17.14	U	1
m,p-Xylenes	179601-23-1	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Methyl acetate	79-20-9	BRL	5.14	ug/kg	05.09.13 17.14	U	1

Certificate of Analytical Results 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-32** | Matrix: Soil | Date Received: 05.03.13 11.59

Lab Sample Id: **462460-012** | Date Collected: 05.03.13 09.35 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A

Tech: MWE | % Moisture: 23.89

Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight

Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Methylcyclohexane	108-87-2	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Methylene chloride	75-09-2	BRL	20.6	ug/kg	05.09.13 17.14	U	1
Naphthalene	91-20-3	BRL	5.14	ug/kg	05.09.13 17.14	U	1
o-Xylene	95-47-6	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Styrene	100-42-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Tetrachloroethene	127-18-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Toluene	108-88-3	BRL	5.14	ug/kg	05.09.13 17.14	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.14	ug/kg	05.09.13 17.14	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Trichloroethene	79-01-6	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Trichlorofluoromethane	75-69-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1
Vinyl chloride	75-01-4	BRL	5.14	ug/kg	05.09.13 17.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	50-150	05.09.13 17.14	
4-Bromofluorobenzene	460-00-4	88	%	57-158	05.09.13 17.14	
Toluene-D8	2037-26-5	91	%	50-150	05.09.13 17.14	

Certificate of Analytical Results 462460

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-013** | Date Collected: 05.03.13 09.50 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 14.22
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,1-Dichloroethane	75-34-3	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,1-Dichloroethene	75-35-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2-Dichloroethane	107-06-2	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,2-Dichloropropane	78-87-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.19	ug/kg	05.09.13 17.40	U	1
2-Butanone (MEK)	78-93-3	BRL	51.9	ug/kg	05.09.13 17.40	U	1
2-Hexanone	591-78-6	BRL	51.9	ug/kg	05.09.13 17.40	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	51.9	ug/kg	05.09.13 17.40	U	1
Acetone	67-64-1	BRL	51.9	ug/kg	05.09.13 17.40	U	1
Benzene	71-43-2	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Bromochloromethane	74-97-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Bromodichloromethane	75-27-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Bromoform	75-25-2	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Bromomethane	74-83-9	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Carbon disulfide	75-15-0	BRL	41.5	ug/kg	05.09.13 17.40	U	1
Carbon tetrachloride	56-23-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Chlorobenzene	108-90-7	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Chloroethane	75-00-3	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Chloroform	67-66-3	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Chloromethane	74-87-3	BRL	10.4	ug/kg	05.09.13 17.40	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.19	ug/kg	05.09.13 17.40	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Cyclohexane	110-82-7	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Dibromochloromethane	124-48-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Ethylbenzene	100-41-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Isopropylbenzene	98-82-8	BRL	5.19	ug/kg	05.09.13 17.40	U	1
m,p-Xylenes	179601-23-1	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Methyl acetate	79-20-9	BRL	5.19	ug/kg	05.09.13 17.40	U	1

Certificate of Analytical Results 462460

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59

Lab Sample Id: **462460-013** | Date Collected: 05.03.13 09.50 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A

Tech: MWE | % Moisture: 14.22

Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight

Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Methylcyclohexane	108-87-2	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Methylene chloride	75-09-2	BRL	20.7	ug/kg	05.09.13 17.40	U	1
Naphthalene	91-20-3	BRL	5.19	ug/kg	05.09.13 17.40	U	1
o-Xylene	95-47-6	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Styrene	100-42-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Tetrachloroethene	127-18-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Toluene	108-88-3	BRL	5.19	ug/kg	05.09.13 17.40	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.19	ug/kg	05.09.13 17.40	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Trichloroethene	79-01-6	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Trichlorofluoromethane	75-69-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1
Vinyl chloride	75-01-4	BRL	5.19	ug/kg	05.09.13 17.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	86	%	50-150	05.09.13 17.40	
4-Bromofluorobenzene	460-00-4	109	%	57-158	05.09.13 17.40	
Toluene-D8	2037-26-5	97	%	50-150	05.09.13 17.40	

Certificate of Analytical Results 462460

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-014** | Date Collected: 05.03.13 09.55 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 19.75
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,1-Dichloroethane	75-34-3	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,1-Dichloroethene	75-35-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2-Dichloroethane	107-06-2	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,2-Dichloropropane	78-87-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.45	ug/kg	05.09.13 19.20	U	1
2-Butanone (MEK)	78-93-3	BRL	54.5	ug/kg	05.09.13 19.20	U	1
2-Hexanone	591-78-6	BRL	54.5	ug/kg	05.09.13 19.20	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	54.5	ug/kg	05.09.13 19.20	U	1
Acetone	67-64-1	BRL	54.5	ug/kg	05.09.13 19.20	U	1
Benzene	71-43-2	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Bromochloromethane	74-97-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Bromodichloromethane	75-27-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Bromoform	75-25-2	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Bromomethane	74-83-9	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Carbon disulfide	75-15-0	BRL	43.6	ug/kg	05.09.13 19.20	U	1
Carbon tetrachloride	56-23-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Chlorobenzene	108-90-7	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Chloroethane	75-00-3	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Chloroform	67-66-3	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Chloromethane	74-87-3	BRL	10.9	ug/kg	05.09.13 19.20	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.45	ug/kg	05.09.13 19.20	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Cyclohexane	110-82-7	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Dibromochloromethane	124-48-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Ethylbenzene	100-41-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Isopropylbenzene	98-82-8	BRL	5.45	ug/kg	05.09.13 19.20	U	1
m,p-Xylenes	179601-23-1	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Methyl acetate	79-20-9	BRL	5.45	ug/kg	05.09.13 19.20	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-014** | Date Collected: 05.03.13 09.55 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 19.75
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Methylcyclohexane	108-87-2	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Methylene chloride	75-09-2	BRL	21.8	ug/kg	05.09.13 19.20	U	1
Naphthalene	91-20-3	BRL	5.45	ug/kg	05.09.13 19.20	U	1
o-Xylene	95-47-6	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Styrene	100-42-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Tetrachloroethene	127-18-4	**2800**	276	ug/kg	05.10.13 12.10	D	50
Toluene	108-88-3	BRL	5.45	ug/kg	05.09.13 19.20	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.45	ug/kg	05.09.13 19.20	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Trichloroethene	79-01-6	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Trichlorofluoromethane	75-69-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1
Vinyl chloride	75-01-4	BRL	5.45	ug/kg	05.09.13 19.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	135	%	50-150	05.09.13 19.20	
4-Bromofluorobenzene	460-00-4	117	%	57-158	05.09.13 19.20	
Toluene-D8	2037-26-5	136	%	50-150	05.09.13 19.20	

Certificate of Analytical Results 462460

XENCO Laboratories
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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-015** | Date Collected: 05.03.13 10.00 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 21.66
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,1,2-Trichloroethane	79-00-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,1-Dichloroethane	75-34-3	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,1-Dichloroethene	75-35-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2-Dichlorobenzene	95-50-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2-Dichloroethane	107-06-2	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,2-Dichloropropane	78-87-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,3-Dichlorobenzene	541-73-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
1,4-Dichlorobenzene	106-46-7	BRL	7.40	ug/kg	05.09.13 18.30	U	1
2-Butanone (MEK)	78-93-3	BRL	74.0	ug/kg	05.09.13 18.30	U	1
2-Hexanone	591-78-6	BRL	74.0	ug/kg	05.09.13 18.30	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	74.0	ug/kg	05.09.13 18.30	U	1
Acetone	67-64-1	BRL	74.0	ug/kg	05.09.13 18.30	U	1
Benzene	71-43-2	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Bromochloromethane	74-97-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Bromodichloromethane	75-27-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Bromoform	75-25-2	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Bromomethane	74-83-9	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Carbon disulfide	75-15-0	BRL	59.2	ug/kg	05.09.13 18.30	U	1
Carbon tetrachloride	56-23-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Chlorobenzene	108-90-7	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Chloroethane	75-00-3	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Chloroform	67-66-3	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Chloromethane	74-87-3	BRL	14.8	ug/kg	05.09.13 18.30	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	7.40	ug/kg	05.09.13 18.30	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Cyclohexane	110-82-7	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Dibromochloromethane	124-48-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Dichlorodifluoromethane	75-71-8	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Ethylbenzene	100-41-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Isopropylbenzene	98-82-8	BRL	7.40	ug/kg	05.09.13 18.30	U	1
m,p-Xylenes	179601-23-1	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Methyl acetate	79-20-9	BRL	7.40	ug/kg	05.09.13 18.30	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-015** | Date Collected: 05.03.13 10.00 | **Sample Depth:** 6 - 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 21.66
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Methylcyclohexane	108-87-2	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Methylene chloride	75-09-2	BRL	29.6	ug/kg	05.09.13 18.30	U	1
Naphthalene	91-20-3	BRL	7.40	ug/kg	05.09.13 18.30	U	1
o-Xylene	95-47-6	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Styrene	100-42-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Tetrachloroethene	127-18-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Toluene	108-88-3	BRL	7.40	ug/kg	05.09.13 18.30	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	7.40	ug/kg	05.09.13 18.30	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Trichloroethene	79-01-6	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Trichlorofluoromethane	75-69-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1
Vinyl chloride	75-01-4	BRL	7.40	ug/kg	05.09.13 18.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	119	%	50-150	05.09.13 18.30	
4-Bromofluorobenzene	460-00-4	82	%	57-158	05.09.13 18.30	
Toluene-D8	2037-26-5	90	%	50-150	05.09.13 18.30	

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Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-016** | Date Collected: 05.03.13 10.05 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 16.62
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,1-Dichloroethane	75-34-3	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,1-Dichloroethene	75-35-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2-Dichloroethane	107-06-2	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,2-Dichloropropane	78-87-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.73	ug/kg	05.09.13 18.55	U	1
2-Butanone (MEK)	78-93-3	BRL	47.3	ug/kg	05.09.13 18.55	U	1
2-Hexanone	591-78-6	BRL	47.3	ug/kg	05.09.13 18.55	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	47.3	ug/kg	05.09.13 18.55	U	1
Acetone	67-64-1	BRL	47.3	ug/kg	05.09.13 18.55	U	1
Benzene	71-43-2	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Bromochloromethane	74-97-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Bromodichloromethane	75-27-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Bromoform	75-25-2	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Bromomethane	74-83-9	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Carbon disulfide	75-15-0	BRL	37.8	ug/kg	05.09.13 18.55	U	1
Carbon tetrachloride	56-23-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Chlorobenzene	108-90-7	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Chloroethane	75-00-3	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Chloroform	67-66-3	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Chloromethane	74-87-3	BRL	9.46	ug/kg	05.09.13 18.55	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.73	ug/kg	05.09.13 18.55	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Cyclohexane	110-82-7	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Dibromochloromethane	124-48-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Ethylbenzene	100-41-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Isopropylbenzene	98-82-8	BRL	4.73	ug/kg	05.09.13 18.55	U	1
m,p-Xylenes	179601-23-1	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Methyl acetate	79-20-9	BRL	4.73	ug/kg	05.09.13 18.55	U	1

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Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-33** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-016** | Date Collected: 05.03.13 10.05 | **Sample Depth:** 10 - 12 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MWE | % Moisture: 16.62
Analyst: MLA | Date Prep: 05.09.13 12.37 | Basis: Dry Weight
Seq Number: 913354

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Methylcyclohexane	108-87-2	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Methylene chloride	75-09-2	BRL	18.9	ug/kg	05.09.13 18.55	U	1
Naphthalene	91-20-3	BRL	4.73	ug/kg	05.09.13 18.55	U	1
o-Xylene	95-47-6	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Styrene	100-42-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Tetrachloroethene	127-18-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Toluene	108-88-3	BRL	4.73	ug/kg	05.09.13 18.55	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.73	ug/kg	05.09.13 18.55	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Trichloroethene	79-01-6	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Trichlorofluoromethane	75-69-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1
Vinyl chloride	75-01-4	BRL	4.73	ug/kg	05.09.13 18.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	97	%	50-150	05.09.13 18.55	
4-Bromofluorobenzene	460-00-4	85	%	57-158	05.09.13 18.55	
Toluene-D8	2037-26-5	90	%	50-150	05.09.13 18.55	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-34** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-017** | Date Collected: 05.03.13 10.25 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MCH | % Moisture: 16.14
Analyst: MCH | Date Prep: 05.14.13 19.36 | Basis: Dry Weight
Seq Number: 913660 | SUB: E871002

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,1-Dichloroethane	75-34-3	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,1-Dichloroethene	75-35-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2-Dibromoethane	106-93-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2-Dichloroethane	107-06-2	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,2-Dichloropropane	78-87-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.01	ug/kg	05.14.13 20.00	U	1
2-Butanone	78-93-3	BRL	60.1	ug/kg	05.14.13 20.00	U	1
2-Hexanone	591-78-6	BRL	60.1	ug/kg	05.14.13 20.00	U	1
4-Methyl-2-Pentanone	108-10-1	BRL	60.1	ug/kg	05.14.13 20.00	U	1
Acetone	67-64-1	BRL	60.1	ug/kg	05.14.13 20.00	U	1
Benzene	71-43-2	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Bromochloromethane	74-97-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Bromodichloromethane	75-27-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Bromoform	75-25-2	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Bromomethane	74-83-9	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Carbon Disulfide	75-15-0	BRL	48.1	ug/kg	05.14.13 20.00	U	1
Carbon Tetrachloride	56-23-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Chlorobenzene	108-90-7	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Chloroethane	75-00-3	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Chloroform	67-66-3	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Chloromethane	74-87-3	BRL	12.0	ug/kg	05.14.13 20.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.01	ug/kg	05.14.13 20.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Cyclohexane	110-82-7	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Dibromochloromethane	124-48-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Ethylbenzene	100-41-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Isopropylbenzene	98-82-8	BRL	6.01	ug/kg	05.14.13 20.00	U	1
m,p-Xylenes	179601-23-1	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Methyl Acetate	79-20-9	BRL	6.01	ug/kg	05.14.13 20.00	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-34** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-017** | Date Collected: 05.03.13 10.25 | **Sample Depth:** 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MCH | % Moisture: 16.14
Analyst: MCH | Date Prep: 05.14.13 19.36 | Basis: Dry Weight
Seq Number: 913660 | SUB: E871002

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Methylcyclohexane	108-87-2	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Methylene Chloride	75-09-2	BRL	24.0	ug/kg	05.14.13 20.00	U	1
Naphthalene	91-20-3	BRL	6.01	ug/kg	05.14.13 20.00	U	1
o-Xylene	95-47-6	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Styrene	100-42-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Tetrachloroethene	127-18-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Toluene	108-88-3	BRL	6.01	ug/kg	05.14.13 20.00	U	1
trans-1,2-dichloroethene	156-60-5	BRL	6.01	ug/kg	05.14.13 20.00	U	1
trans-1,3-dichloropropene	10061-02-6	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Trichloroethene	79-01-6	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Trichlorofluoromethane	75-69-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1
Vinyl Chloride	75-01-4	BRL	6.01	ug/kg	05.14.13 20.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	86	%	53-142	05.14.13 20.00	
1,2-Dichloroethane-D4	17060-07-0	86	%	56-150	05.14.13 20.00	
Toluene-D8	2037-26-5	99	%	70-130	05.14.13 20.00	
4-Bromofluorobenzene	460-00-4	118	%	68-152	05.14.13 20.00	

Certificate of Analytical Results 462460

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-34** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-018** | Date Collected: 05.03.13 10.28 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MCH | % Moisture: 18.8
Analyst: MCH | Date Prep: 05.14.13 19.38 | Basis: Dry Weight
Seq Number: 913660 | SUB: E871002

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,1-Dichloroethane	75-34-3	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,1-Dichloroethene	75-35-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2-Dibromoethane	106-93-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2-Dichloroethane	107-06-2	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,2-Dichloropropane	78-87-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.83	ug/kg	05.14.13 20.26	U	1
2-Butanone	78-93-3	BRL	58.3	ug/kg	05.14.13 20.26	U	1
2-Hexanone	591-78-6	BRL	58.3	ug/kg	05.14.13 20.26	U	1
4-Methyl-2-Pentanone	108-10-1	BRL	58.3	ug/kg	05.14.13 20.26	U	1
Acetone	67-64-1	BRL	58.3	ug/kg	05.14.13 20.26	U	1
Benzene	71-43-2	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Bromochloromethane	74-97-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Bromodichloromethane	75-27-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Bromoform	75-25-2	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Bromomethane	74-83-9	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Carbon Disulfide	75-15-0	BRL	46.6	ug/kg	05.14.13 20.26	U	1
Carbon Tetrachloride	56-23-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Chlorobenzene	108-90-7	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Chloroethane	75-00-3	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Chloroform	67-66-3	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Chloromethane	74-87-3	BRL	11.7	ug/kg	05.14.13 20.26	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.83	ug/kg	05.14.13 20.26	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Cyclohexane	110-82-7	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Dibromochloromethane	124-48-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Ethylbenzene	100-41-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Isopropylbenzene	98-82-8	BRL	5.83	ug/kg	05.14.13 20.26	U	1
m,p-Xylenes	179601-23-1	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Methyl Acetate	79-20-9	BRL	5.83	ug/kg	05.14.13 20.26	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-34** | Matrix: Soil | Date Received: 05.03.13 11.59
Lab Sample Id: **462460-018** | Date Collected: 05.03.13 10.28 | **Sample Depth:** 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: MCH | % Moisture: 18.8
Analyst: MCH | Date Prep: 05.14.13 19.38 | Basis: Dry Weight
Seq Number: 913660 | SUB: E871002

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Methylcyclohexane	108-87-2	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Methylene Chloride	75-09-2	BRL	23.3	ug/kg	05.14.13 20.26	U	1
Naphthalene	91-20-3	BRL	5.83	ug/kg	05.14.13 20.26	U	1
o-Xylene	95-47-6	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Styrene	100-42-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Tetrachloroethene	127-18-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Toluene	108-88-3	BRL	5.83	ug/kg	05.14.13 20.26	U	1
trans-1,2-dichloroethene	156-60-5	BRL	5.83	ug/kg	05.14.13 20.26	U	1
trans-1,3-dichloropropene	10061-02-6	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Trichloroethene	79-01-6	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Trichlorofluoromethane	75-69-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1
Vinyl Chloride	75-01-4	BRL	5.83	ug/kg	05.14.13 20.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	82	%	53-142	05.14.13 20.26	
1,2-Dichloroethane-D4	17060-07-0	82	%	56-150	05.14.13 20.26	
Toluene-D8	2037-26-5	100	%	70-130	05.14.13 20.26	
4-Bromofluorobenzene	460-00-4	128	%	68-152	05.14.13 20.26	

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 05.03.13 11.59
Lab Sample Id: **462460-021** Date Collected: 05.03.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: BAT % Moisture:
Analyst: MLA Date Prep: 05.03.13 07.06
Seq Number: 912924

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	05.03.13 13.38	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	05.03.13 13.38	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	05.03.13 13.38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	05.03.13 13.38	U	1
Acetone	67-64-1	BRL	50	ug/L	05.03.13 13.38	U	1
Benzene	71-43-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	05.03.13 13.38	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	05.03.13 13.38	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	05.03.13 13.38	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	05.03.13 13.38	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	05.03.13 13.38	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	05.03.13 13.38	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	05.03.13 13.38	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	05.03.13 13.38	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	05.03.13 13.38	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	05.03.13 13.38	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	05.03.13 13.38	U	1

Certificate of Analytical Results 462460

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 05.03.13 11.59
Lab Sample Id: **462460-021** Date Collected: 05.03.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: BAT % Moisture:
Analyst: MLA Date Prep: 05.03.13 07.06
Seq Number: 912924

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	05.03.13 13.38	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	05.03.13 13.38	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	05.03.13 13.38	U	1
Styrene	100-42-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
Toluene	108-88-3	BRL	5.0	ug/L	05.03.13 13.38	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	05.03.13 13.38	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	05.03.13 13.38	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	05.03.13 13.38	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	05.03.13 13.38	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	05.03.13 13.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	96	%	53-159	05.03.13 13.38	
4-Bromofluorobenzene	460-00-4	100	%	30-186	05.03.13 13.38	
Toluene-D8	2037-26-5	98	%	70-130	05.03.13 13.38	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 912921 Matrix: Solid Date Prep: 05/03/2013
MB Sample Id: 637577-1-BLK LCS Sample Id: 637577-1-BKS LCSD Sample Id: 637577-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	48.7	97	48.9	98	75-145	0	20	ug/kg	05/03/13 07:40	
1,1,2,2-Tetrachloroethane	<1.19	50.0	50.2	100	49.1	98	78-120	2	20	ug/kg	05/03/13 07:40	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	50.4	101	52.1	104	54-173	3	20	ug/kg	05/03/13 07:40	
1,1,2-Trichloroethane	<0.670	50.0	50.2	100	48.9	98	81-115	3	20	ug/kg	05/03/13 07:40	
1,1-Dichloroethane	<0.802	50.0	50.2	100	50.2	100	73-131	0	20	ug/kg	05/03/13 07:40	
1,1-Dichloroethene	<1.16	50.0	50.3	101	51.1	102	67-144	2	20	ug/kg	05/03/13 07:40	
1,2,3-Trichlorobenzene	<0.574	50.0	55.4	111	56.0	112	59-168	1	20	ug/kg	05/03/13 07:40	
1,2,4-Trichlorobenzene	<0.873	50.0	56.8	114	56.6	113	61-170	0	20	ug/kg	05/03/13 07:40	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	45.4	91	47.4	95	62-146	4	20	ug/kg	05/03/13 07:40	
1,2-Dibromoethane (EDB)	<0.863	50.0	50.0	100	48.4	97	81-121	3	20	ug/kg	05/03/13 07:40	
1,2-Dichlorobenzene	<1.29	50.0	51.4	103	50.3	101	70-146	2	20	ug/kg	05/03/13 07:40	
1,2-Dichloroethane	<0.597	50.0	44.7	89	43.6	87	63-150	2	20	ug/kg	05/03/13 07:40	
1,2-Dichloropropane	<0.929	50.0	55.4	111	53.1	106	76-121	4	20	ug/kg	05/03/13 07:40	
1,3-Dichlorobenzene	<0.997	50.0	52.7	105	51.1	102	73-145	3	20	ug/kg	05/03/13 07:40	
1,4-Dichlorobenzene	<0.684	50.0	52.5	105	50.7	101	74-143	3	20	ug/kg	05/03/13 07:40	
2-Butanone (MEK)	<9.11	100	103	103	98.6	99	44-158	4	20	ug/kg	05/03/13 07:40	
2-Hexanone	<1.13	100	99.0	99	101	101	59-154	2	20	ug/kg	05/03/13 07:40	
4-Methyl-2-pentanone (MIBK)	<3.23	100	106	106	104	104	65-132	2	20	ug/kg	05/03/13 07:40	
Acetone	<6.88	100	87.9	88	90.2	90	43-163	3	20	ug/kg	05/03/13 07:40	
Benzene	<0.513	50.0	53.8	108	52.3	105	82-121	3	20	ug/kg	05/03/13 07:40	
Bromochloromethane	<1.01	50.0	57.7	115	56.7	113	79-126	2	20	ug/kg	05/03/13 07:40	
Bromodichloromethane	<0.501	50.0	50.4	101	49.1	98	80-135	3	20	ug/kg	05/03/13 07:40	
Bromoform	<0.959	50.0	53.8	108	50.0	100	71-135	7	20	ug/kg	05/03/13 07:40	
Bromomethane	<2.46	50.0	48.5	97	49.4	99	51-149	2	20	ug/kg	05/03/13 07:40	
Carbon disulfide	<1.46	50.0	48.7	97	50.5	101	57-151	4	20	ug/kg	05/03/13 07:40	
Carbon tetrachloride	<0.742	50.0	49.2	98	48.9	98	70-156	1	20	ug/kg	05/03/13 07:40	
Chlorobenzene	<0.579	50.0	51.7	103	50.2	100	76-131	3	20	ug/kg	05/03/13 07:40	
Chloroethane	<2.45	50.0	48.8	98	57.5	115	64-131	16	20	ug/kg	05/03/13 07:40	
Chloroform	<0.741	50.0	48.9	98	48.6	97	78-125	1	20	ug/kg	05/03/13 07:40	
Chloromethane	<2.30	50.0	45.5	91	46.8	94	59-127	3	20	ug/kg	05/03/13 07:40	
cis-1,2-Dichloroethene	<0.662	50.0	54.2	108	53.8	108	80-123	1	20	ug/kg	05/03/13 07:40	
cis-1,3-Dichloropropene	<0.539	50.0	54.7	109	51.5	103	81-123	6	20	ug/kg	05/03/13 07:40	
Cyclohexane	<0.945	50.0	42.1	84	42.0	84	58-164	0	20	ug/kg	05/03/13 07:40	
Dibromochloromethane	<0.994	50.0	50.5	101	49.5	99	81-136	2	20	ug/kg	05/03/13 07:40	
Dichlorodifluoromethane	<1.18	50.0	46.1	92	48.3	97	33-161	5	20	ug/kg	05/03/13 07:40	
Ethylbenzene	<0.565	50.0	50.2	100	49.0	98	84-129	2	20	ug/kg	05/03/13 07:40	
Isopropylbenzene	<0.759	50.0	51.4	103	48.8	98	65-153	5	20	ug/kg	05/03/13 07:40	
m,p-Xylenes	<1.21	100	107	107	103	103	75-141	4	20	ug/kg	05/03/13 07:40	
Methyl acetate	<0.946	50.0	44.4	89	42.2	84	45-155	5	20	ug/kg	05/03/13 07:40	
Methyl tert-butyl ether	<0.693	100	95.0	95	96.2	96	70-131	1	20	ug/kg	05/03/13 07:40	
Methylcyclohexane	<1.09	50.0	56.0	112	55.5	111	39-185	1	20	ug/kg	05/03/13 07:40	
Methylene chloride	<2.17	50.0	64.1	128	65.1	130	65-137	2	20	ug/kg	05/03/13 07:40	
Naphthalene	<1.30	50.0	57.0	114	57.4	115	68-151	1	20	ug/kg	05/03/13 07:40	
o-Xylene	<0.716	50.0	52.9	106	51.6	103	73-141	2	20	ug/kg	05/03/13 07:40	
Styrene	<0.742	50.0	53.6	107	51.4	103	82-129	4	20	ug/kg	05/03/13 07:40	
Tetrachloroethene	<1.04	50.0	51.4	103	50.6	101	78-144	2	20	ug/kg	05/03/13 07:40	
Toluene	<0.588	50.0	50.6	101	49.5	99	86-121	2	20	ug/kg	05/03/13 07:40	
trans-1,2-Dichloroethene	<0.780	50.0	53.6	107	53.8	108	72-132	0	20	ug/kg	05/03/13 07:40	
trans-1,3-Dichloropropene	<0.670	50.0	47.9	96	46.4	93	82-132	3	20	ug/kg	05/03/13 07:40	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 912921 Matrix: Solid Date Prep: 05/03/2013

MB Sample Id: 637577-1-BLK LCS Sample Id: 637577-1-BKS LCSD Sample Id: 637577-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	53.2	106	52.3	105	80-126	2	20	ug/kg	05/03/13 07:40	
Trichlorofluoromethane	<3.51	50.0	46.6	93	47.9	96	55-155	3	20	ug/kg	05/03/13 07:40	
Vinyl chloride	<2.01	50.0	51.7	103	55.2	110	70-130	7	20	ug/kg	05/03/13 07:40	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	79		79		77		50-150	%	05/03/13 07:40
4-Bromofluorobenzene	99		96		93		57-158	%	05/03/13 07:40
Toluene-D8	92		93		94		50-150	%	05/03/13 07:40

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 912924 Matrix: Water Date Prep: 05/03/2013
MB Sample Id: 637582-1-BLK LCS Sample Id: 637582-1-BKS LCSD Sample Id: 637582-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	50	100	45	90	56-141	11	20	ug/L	05/03/13 07:55	
1,1,2,2-Tetrachloroethane	<2.0	50	52	104	50	100	64-135	4	20	ug/L	05/03/13 07:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	46	92	46	92	54-134	0	20	ug/L	05/03/13 07:55	
1,1,2-Trichloroethane	<0.88	50	49	98	49	98	73-123	0	20	ug/L	05/03/13 07:55	
1,1-Dichloroethane	<0.74	50	47	94	47	94	66-126	0	20	ug/L	05/03/13 07:55	
1,1-Dichloroethene	<0.98	50	45	90	46	92	65-129	2	20	ug/L	05/03/13 07:55	
1,2,3-Trichlorobenzene	<2.6	50	55	110	55	110	56-146	0	20	ug/L	05/03/13 07:55	
1,2,4-Trichlorobenzene	<1.3	50	56	112	55	110	62-141	2	20	ug/L	05/03/13 07:55	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	45	90	45	90	48-144	0	20	ug/L	05/03/13 07:55	
1,2-Dibromoethane (EDB)	<0.79	50	50	100	50	100	70-130	0	20	ug/L	05/03/13 07:55	
1,2-Dichlorobenzene	<0.73	50	51	102	50	100	77-123	2	20	ug/L	05/03/13 07:55	
1,2-Dichloroethane	<0.82	50	53	106	47	94	57-137	12	20	ug/L	05/03/13 07:55	
1,2-Dichloropropane	<0.81	50	47	94	47	94	74-121	0	20	ug/L	05/03/13 07:55	
1,3-Dichlorobenzene	<0.74	50	51	102	50	100	79-120	2	20	ug/L	05/03/13 07:55	
1,4-Dichlorobenzene	<0.59	50	53	106	48	96	77-119	10	20	ug/L	05/03/13 07:55	
2-Butanone (MEK)	<1.3	100	110	110	100	100	42-165	10	20	ug/L	05/03/13 07:55	
2-Hexanone	<2.5	100	100	100	100	100	46-157	0	20	ug/L	05/03/13 07:55	
4-Methyl-2-pentanone (MIBK)	<2.2	100	100	100	98	98	54-145	2	20	ug/L	05/03/13 07:55	
Acetone	<1.4	100	89	89	90	90	42-178	1	20	ug/L	05/03/13 07:55	
Benzene	<0.67	50	49	98	48	96	76-119	2	20	ug/L	05/03/13 07:55	
Bromochloromethane	<0.47	50	43	86	44	88	75-123	2	20	ug/L	05/03/13 07:55	
Bromodichloromethane	<0.96	50	45	90	46	92	69-131	2	20	ug/L	05/03/13 07:55	
Bromoform	<1.4	50	55	110	52	104	66-130	6	20	ug/L	05/03/13 07:55	
Bromomethane	<2.7	50	40	80	47	94	59-141	16	20	ug/L	05/03/13 07:55	
Carbon disulfide	<0.73	50	45	90	46	92	47-144	2	20	ug/L	05/03/13 07:55	
Carbon tetrachloride	<0.89	50	52	104	50	100	46-155	4	20	ug/L	05/03/13 07:55	
Chlorobenzene	<0.59	50	48	96	48	96	81-114	0	20	ug/L	05/03/13 07:55	
Chloroethane	<0.23	50	40	80	49	98	63-133	20	20	ug/L	05/03/13 07:55	
Chloroform	<1.4	50	49	98	50	100	68-127	2	20	ug/L	05/03/13 07:55	
Chloromethane	<1.2	50	46	92	48	96	43-141	4	20	ug/L	05/03/13 07:55	
cis-1,2-Dichloroethene	<0.80	50	47	94	49	98	73-124	4	20	ug/L	05/03/13 07:55	
cis-1,3-Dichloropropene	<0.76	50	51	102	52	104	72-132	2	20	ug/L	05/03/13 07:55	
Cyclohexane	<0.99	50	51	102	48	96	58-125	6	20	ug/L	05/03/13 07:55	
Dibromochloromethane	<0.79	50	50	100	49	98	69-128	2	20	ug/L	05/03/13 07:55	
Dichlorodifluoromethane	<0.73	50	41	82	41	82	24-153	0	20	ug/L	05/03/13 07:55	
Ethylbenzene	<0.66	50	48	96	48	96	78-122	0	20	ug/L	05/03/13 07:55	
Isopropylbenzene	<1.0	50	54	108	51	102	71-131	6	20	ug/L	05/03/13 07:55	
m,p-Xylenes	<1.2	100	100	100	98	98	76-124	2	20	ug/L	05/03/13 07:55	
Methyl acetate	<0.15	50	50	100	48	96	65-135	4	20	ug/L	05/03/13 07:55	
Methyl tert-butyl ether	<0.62	100	93	93	91	91	59-135	2	20	ug/L	05/03/13 07:55	
Methylcyclohexane	<0.76	50	50	100	41	82	61-125	20	20	ug/L	05/03/13 07:55	
Methylene chloride	<0.92	50	48	96	46	92	64-135	4	20	ug/L	05/03/13 07:55	
Naphthalene	<4.0	50	55	110	53	106	46-159	4	20	ug/L	05/03/13 07:55	
o-Xylene	<0.57	50	49	98	47	94	78-124	4	20	ug/L	05/03/13 07:55	
Styrene	<0.56	50	52	104	50	100	79-123	4	20	ug/L	05/03/13 07:55	
Tetrachloroethene	<1.8	50	47	94	47	94	71-125	0	20	ug/L	05/03/13 07:55	
Toluene	<0.68	50	50	100	49	98	78-118	2	20	ug/L	05/03/13 07:55	
trans-1,2-Dichloroethene	<0.73	50	48	96	45	90	71-126	6	20	ug/L	05/03/13 07:55	
trans-1,3-Dichloropropene	<0.84	50	50	100	52	104	68-131	4	20	ug/L	05/03/13 07:55	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 912924 Matrix: Water Date Prep: 05/03/2013
MB Sample Id: 637582-1-BLK LCS Sample Id: 637582-1-BKS LCSD Sample Id: 637582-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	50	100	57	114	76-118	13	20	ug/L	05/03/13 07:55	
Trichlorofluoromethane	<0.85	50	45	90	45	90	35-153	0	20	ug/L	05/03/13 07:55	
Vinyl chloride	<0.15	50	38	76	44	88	59-129	15	20	ug/L	05/03/13 07:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	102		85		86		53-159	%	05/03/13 07:55
4-Bromofluorobenzene	101		104		101		30-186	%	05/03/13 07:55
Toluene-D8	103		100		99		70-130	%	05/03/13 07:55

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 912922 Matrix: Solid Date Prep: 05/03/2013
MB Sample Id: 637580-1-BLK LCS Sample Id: 637580-1-BKS LCSD Sample Id: 637580-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<1.04	50.0	54.9	110	57.3	115	78-144	4	20	ug/kg	05/03/13 08:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	110		104		100		50-150	%	05/03/13 08:31
4-Bromofluorobenzene	89		90		95		57-158	%	05/03/13 08:31
Toluene-D8	93		96		100		50-150	%	05/03/13 08:31

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 913262 Matrix: Solid Date Prep: 05/08/2013
MB Sample Id: 637804-1-BLK LCS Sample Id: 637804-1-BKS LCSD Sample Id: 637804-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	48.3	97	44.0	88	75-145	9	20	ug/kg	05/08/13 08:09	
1,1,2,2-Tetrachloroethane	<1.19	50.0	45.2	90	44.0	88	78-120	3	20	ug/kg	05/08/13 08:09	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	58.7	117	57.5	115	54-173	2	20	ug/kg	05/08/13 08:09	
1,1,2-Trichloroethane	<0.670	50.0	43.5	87	44.1	88	81-115	1	20	ug/kg	05/08/13 08:09	
1,1-Dichloroethane	<0.802	50.0	44.8	90	46.5	93	73-131	4	20	ug/kg	05/08/13 08:09	
1,1-Dichloroethene	<1.16	50.0	55.3	111	51.6	103	67-144	7	20	ug/kg	05/08/13 08:09	
1,2,3-Trichlorobenzene	<0.574	50.0	70.7	141	62.6	125	59-168	12	20	ug/kg	05/08/13 08:09	
1,2,4-Trichlorobenzene	<0.873	50.0	73.8	148	68.7	137	61-170	7	20	ug/kg	05/08/13 08:09	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	41.0	82	42.0	84	62-146	2	20	ug/kg	05/08/13 08:09	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.3	99	51.5	103	81-121	4	20	ug/kg	05/08/13 08:09	
1,2-Dichlorobenzene	<1.29	50.0	58.4	117	52.7	105	70-146	10	20	ug/kg	05/08/13 08:09	
1,2-Dichloroethane	<0.597	50.0	43.1	86	43.2	86	63-150	0	20	ug/kg	05/08/13 08:09	
1,2-Dichloropropane	<0.929	50.0	45.9	92	42.1	84	76-121	9	20	ug/kg	05/08/13 08:09	
1,3-Dichlorobenzene	<0.997	50.0	59.0	118	53.8	108	73-145	9	20	ug/kg	05/08/13 08:09	
1,4-Dichlorobenzene	<0.684	50.0	59.6	119	54.9	110	74-143	8	20	ug/kg	05/08/13 08:09	
2-Butanone (MEK)	<9.11	100	104	104	104	104	44-158	0	20	ug/kg	05/08/13 08:09	
2-Hexanone	<1.13	100	109	109	113	113	59-154	4	20	ug/kg	05/08/13 08:09	
4-Methyl-2-pentanone (MIBK)	<3.23	100	105	105	105	105	65-132	0	20	ug/kg	05/08/13 08:09	
Acetone	<6.88	100	123	123	113	113	43-163	8	20	ug/kg	05/08/13 08:09	
Benzene	<0.513	50.0	44.3	89	44.7	89	82-121	1	20	ug/kg	05/08/13 08:09	
Bromochloromethane	<1.01	50.0	45.9	92	50.8	102	79-126	10	20	ug/kg	05/08/13 08:09	
Bromodichloromethane	<0.501	50.0	42.7	85	40.0	80	80-135	7	20	ug/kg	05/08/13 08:09	
Bromoform	<0.959	50.0	53.8	108	51.4	103	71-135	5	20	ug/kg	05/08/13 08:09	
Bromomethane	<2.46	50.0	50.4	101	50.8	102	51-149	1	20	ug/kg	05/08/13 08:09	
Carbon disulfide	<1.46	50.0	48.1	96	44.9	90	57-151	7	20	ug/kg	05/08/13 08:09	
Carbon tetrachloride	<0.742	50.0	52.9	106	50.8	102	70-156	4	20	ug/kg	05/08/13 08:09	
Chlorobenzene	<0.579	50.0	51.7	103	50.4	101	76-131	3	20	ug/kg	05/08/13 08:09	
Chloroethane	<2.45	50.0	44.6	89	45.7	91	64-131	2	20	ug/kg	05/08/13 08:09	
Chloroform	<0.741	50.0	46.9	94	44.4	89	78-125	5	20	ug/kg	05/08/13 08:09	
Chloromethane	<2.30	50.0	49.0	98	47.4	95	59-127	3	20	ug/kg	05/08/13 08:09	
cis-1,2-Dichloroethene	<0.662	50.0	51.1	102	42.3	85	80-123	19	20	ug/kg	05/08/13 08:09	
cis-1,3-Dichloropropene	<0.539	50.0	43.0	86	42.5	85	81-123	1	20	ug/kg	05/08/13 08:09	
Cyclohexane	<0.945	50.0	55.2	110	47.5	95	58-164	15	20	ug/kg	05/08/13 08:09	
Dibromochloromethane	<0.994	50.0	48.8	98	48.4	97	81-136	1	20	ug/kg	05/08/13 08:09	
Dichlorodifluoromethane	<1.18	50.0	47.7	95	43.2	86	33-161	10	20	ug/kg	05/08/13 08:09	
Ethylbenzene	<0.565	50.0	51.7	103	49.0	98	84-129	5	20	ug/kg	05/08/13 08:09	
Isopropylbenzene	<0.759	50.0	56.7	113	50.8	102	65-153	11	20	ug/kg	05/08/13 08:09	
m,p-Xylenes	<1.21	100	109	109	103	103	75-141	6	20	ug/kg	05/08/13 08:09	
Methyl acetate	<0.946	50.0	59.9	120	56.7	113	45-155	5	20	ug/kg	05/08/13 08:09	
Methyl tert-butyl ether	<0.693	100	90.6	91	88.7	89	70-131	2	20	ug/kg	05/08/13 08:09	
Methylcyclohexane	<1.09	50.0	52.1	104	46.1	92	39-185	12	20	ug/kg	05/08/13 08:09	
Methylene chloride	<2.17	50.0	47.3	95	50.4	101	65-137	6	20	ug/kg	05/08/13 08:09	
Naphthalene	<1.30	50.0	59.7	119	55.9	112	68-151	7	20	ug/kg	05/08/13 08:09	
o-Xylene	<0.716	50.0	53.1	106	49.3	99	73-141	7	20	ug/kg	05/08/13 08:09	
Styrene	<0.742	50.0	52.3	105	51.5	103	82-129	2	20	ug/kg	05/08/13 08:09	
Tetrachloroethene	<1.04	50.0	61.3	123	58.7	117	78-144	4	20	ug/kg	05/08/13 08:09	
Toluene	<0.588	50.0	48.1	96	46.1	92	86-121	4	20	ug/kg	05/08/13 08:09	
trans-1,2-Dichloroethene	<0.780	50.0	47.4	95	45.0	90	72-132	5	20	ug/kg	05/08/13 08:09	
trans-1,3-Dichloropropene	<0.670	50.0	42.5	85	44.2	88	82-132	4	20	ug/kg	05/08/13 08:09	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 913262 Matrix: Solid Date Prep: 05/08/2013

MB Sample Id: 637804-1-BLK LCS Sample Id: 637804-1-BKS LCSD Sample Id: 637804-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	57.7	115	48.6	97	80-126	17	20	ug/kg	05/08/13 08:09	
Trichlorofluoromethane	<3.51	50.0	43.2	86	46.3	93	55-155	7	20	ug/kg	05/08/13 08:09	
Vinyl chloride	<2.01	50.0	46.9	94	48.1	96	70-130	3	20	ug/kg	05/08/13 08:09	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		96		102		50-150	%	05/08/13 08:09
4-Bromofluorobenzene	80		90		82		57-158	%	05/08/13 08:09
Toluene-D8	91		91		88		50-150	%	05/08/13 08:09

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 913264 Matrix: Solid Date Prep: 05/08/2013
MB Sample Id: 637810-1-BLK LCS Sample Id: 637810-1-BKS LCSD Sample Id: 637810-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	37.8	76	38.2	76	75-145	1	20	ug/kg	05/08/13 08:33	
1,1,2,2-Tetrachloroethane	<1.19	50.0	55.1	110	54.6	109	78-120	1	20	ug/kg	05/08/13 08:33	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	44.6	89	50.4	101	54-173	12	20	ug/kg	05/08/13 08:33	
1,1,2-Trichloroethane	<0.670	50.0	50.3	101	52.7	105	81-115	5	20	ug/kg	05/08/13 08:33	
1,1-Dichloroethane	<0.802	50.0	47.5	95	48.9	98	73-131	3	20	ug/kg	05/08/13 08:33	
1,1-Dichloroethene	<1.16	50.0	53.1	106	51.4	103	67-144	3	20	ug/kg	05/08/13 08:33	
1,2,3-Trichlorobenzene	<0.574	50.0	56.4	113	55.7	111	59-168	1	20	ug/kg	05/08/13 08:33	
1,2,4-Trichlorobenzene	<0.873	50.0	54.7	109	54.1	108	61-170	1	20	ug/kg	05/08/13 08:33	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	55.0	110	49.3	99	62-146	11	20	ug/kg	05/08/13 08:33	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.9	110	54.2	108	81-121	1	20	ug/kg	05/08/13 08:33	
1,2-Dichlorobenzene	<1.29	50.0	56.5	113	57.3	115	70-146	1	20	ug/kg	05/08/13 08:33	
1,2-Dichloroethane	<0.597	50.0	54.0	108	52.9	106	63-150	2	20	ug/kg	05/08/13 08:33	
1,2-Dichloropropane	<0.929	50.0	46.4	93	47.4	95	76-121	2	20	ug/kg	05/08/13 08:33	
1,3-Dichlorobenzene	<0.997	50.0	50.0	100	51.6	103	73-145	3	20	ug/kg	05/08/13 08:33	
1,4-Dichlorobenzene	<0.684	50.0	49.8	100	51.4	103	74-143	3	20	ug/kg	05/08/13 08:33	
2-Butanone (MEK)	<9.11	100	103	103	118	118	44-158	14	20	ug/kg	05/08/13 08:33	
2-Hexanone	<1.13	100	106	106	111	111	59-154	5	20	ug/kg	05/08/13 08:33	
4-Methyl-2-pentanone (MIBK)	<3.23	100	95.3	95	98.1	98	65-132	3	20	ug/kg	05/08/13 08:33	
Acetone	<6.88	100	116	116	124	124	43-163	7	20	ug/kg	05/08/13 08:33	
Benzene	<0.513	50.0	47.0	94	47.0	94	82-121	0	20	ug/kg	05/08/13 08:33	
Bromochloromethane	<1.01	50.0	51.4	103	51.3	103	79-126	0	20	ug/kg	05/08/13 08:33	
Bromodichloromethane	<0.501	50.0	51.4	103	52.0	104	80-135	1	20	ug/kg	05/08/13 08:33	
Bromoform	<0.959	50.0	52.5	105	51.2	102	71-135	3	20	ug/kg	05/08/13 08:33	
Bromomethane	<2.46	50.0	44.0	88	41.4	83	51-149	6	20	ug/kg	05/08/13 08:33	
Carbon disulfide	<1.46	50.0	61.7	123	60.0	120	57-151	3	20	ug/kg	05/08/13 08:33	
Carbon tetrachloride	<0.742	50.0	40.1	80	40.0	80	70-156	0	20	ug/kg	05/08/13 08:33	
Chlorobenzene	<0.579	50.0	50.9	102	51.0	102	76-131	0	20	ug/kg	05/08/13 08:33	
Chloroethane	<2.45	50.0	47.5	95	47.4	95	64-131	0	20	ug/kg	05/08/13 08:33	
Chloroform	<0.741	50.0	51.0	102	50.3	101	78-125	1	20	ug/kg	05/08/13 08:33	
Chloromethane	<2.30	50.0	54.8	110	47.8	96	59-127	14	20	ug/kg	05/08/13 08:33	
cis-1,2-Dichloroethene	<0.662	50.0	49.8	100	51.0	102	80-123	2	20	ug/kg	05/08/13 08:33	
cis-1,3-Dichloropropene	<0.539	50.0	49.7	99	51.6	103	81-123	4	20	ug/kg	05/08/13 08:33	
Cyclohexane	<0.945	50.0	51.5	103	48.9	98	58-164	5	20	ug/kg	05/08/13 08:33	
Dibromochloromethane	<0.994	50.0	54.4	109	55.6	111	81-136	2	20	ug/kg	05/08/13 08:33	
Dichlorodifluoromethane	<1.18	50.0	52.4	105	48.0	96	33-161	9	20	ug/kg	05/08/13 08:33	
Ethylbenzene	<0.565	50.0	47.0	94	51.1	102	84-129	8	20	ug/kg	05/08/13 08:33	
Isopropylbenzene	<0.759	50.0	51.3	103	54.2	108	65-153	5	20	ug/kg	05/08/13 08:33	
m,p-Xylenes	<1.21	100	95.3	95	102	102	75-141	7	20	ug/kg	05/08/13 08:33	
Methyl acetate	<0.946	50.0	54.9	110	56.5	113	45-155	3	20	ug/kg	05/08/13 08:33	
Methyl tert-butyl ether	<0.693	100	95.5	96	96.6	97	70-131	1	20	ug/kg	05/08/13 08:33	
Methylcyclohexane	<1.09	50.0	41.1	82	47.5	95	39-185	14	20	ug/kg	05/08/13 08:33	
Methylene chloride	<2.17	50.0	42.8	86	49.3	99	65-137	14	20	ug/kg	05/08/13 08:33	
Naphthalene	<1.30	50.0	54.3	109	49.1	98	68-151	10	20	ug/kg	05/08/13 08:33	
o-Xylene	<0.716	50.0	46.4	93	50.4	101	73-141	8	20	ug/kg	05/08/13 08:33	
Styrene	<0.742	50.0	46.2	92	49.8	100	82-129	8	20	ug/kg	05/08/13 08:33	
Tetrachloroethene	<1.04	50.0	50.7	101	51.8	104	78-144	2	20	ug/kg	05/08/13 08:33	
Toluene	<0.588	50.0	48.9	98	50.6	101	86-121	3	20	ug/kg	05/08/13 08:33	
trans-1,2-Dichloroethene	<0.780	50.0	46.3	93	49.1	98	72-132	6	20	ug/kg	05/08/13 08:33	
trans-1,3-Dichloropropene	<0.670	50.0	53.7	107	54.3	109	82-132	1	20	ug/kg	05/08/13 08:33	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913264 Matrix: Solid Date Prep: 05/08/2013

MB Sample Id: 637810-1-BLK LCS Sample Id: 637810-1-BKS LCSD Sample Id: 637810-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	52.5	105	51.2	102	80-126	3	20	ug/kg	05/08/13 08:33	
Trichlorofluoromethane	<3.51	50.0	62.4	125	60.8	122	55-155	3	20	ug/kg	05/08/13 08:33	
Vinyl chloride	<2.01	50.0	50.9	102	45.4	91	70-130	11	20	ug/kg	05/08/13 08:33	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	111		107		106		50-150	%	05/08/13 08:33
4-Bromofluorobenzene	121		102		103		57-158	%	05/08/13 08:33
Toluene-D8	96		98		100		50-150	%	05/08/13 08:33

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 913354 Matrix: Solid Date Prep: 05/09/2013
MB Sample Id: 637852-1-BLK LCS Sample Id: 637852-1-BKS LCSD Sample Id: 637852-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	47.1	94	44.3	89	75-145	6	20	ug/kg	05/09/13 13:57	
1,1,2,2-Tetrachloroethane	<1.19	50.0	47.5	95	46.8	94	78-120	1	20	ug/kg	05/09/13 13:57	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	48.3	97	46.5	93	54-173	4	20	ug/kg	05/09/13 13:57	
1,1,2-Trichloroethane	<0.670	50.0	46.6	93	47.2	94	81-115	1	20	ug/kg	05/09/13 13:57	
1,1-Dichloroethane	<0.802	50.0	49.6	99	46.3	93	73-131	7	20	ug/kg	05/09/13 13:57	
1,1-Dichloroethene	<1.16	50.0	49.0	98	40.6	81	67-144	19	20	ug/kg	05/09/13 13:57	
1,2,3-Trichlorobenzene	<0.574	50.0	66.9	134	67.8	136	59-168	1	20	ug/kg	05/09/13 13:57	
1,2,4-Trichlorobenzene	<0.873	50.0	69.3	139	71.1	142	61-170	3	20	ug/kg	05/09/13 13:57	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	48.3	97	41.7	83	62-146	15	20	ug/kg	05/09/13 13:57	
1,2-Dibromoethane (EDB)	<0.863	50.0	53.5	107	54.5	109	81-121	2	20	ug/kg	05/09/13 13:57	
1,2-Dichlorobenzene	<1.29	50.0	55.4	111	54.1	108	70-146	2	20	ug/kg	05/09/13 13:57	
1,2-Dichloroethane	<0.597	50.0	46.1	92	46.8	94	63-150	2	20	ug/kg	05/09/13 13:57	
1,2-Dichloropropane	<0.929	50.0	48.6	97	43.9	88	76-121	10	20	ug/kg	05/09/13 13:57	
1,3-Dichlorobenzene	<0.997	50.0	55.7	111	53.0	106	73-145	5	20	ug/kg	05/09/13 13:57	
1,4-Dichlorobenzene	<0.684	50.0	57.0	114	54.9	110	74-143	4	20	ug/kg	05/09/13 13:57	
2-Butanone (MEK)	<9.11	100	116	116	111	111	44-158	4	20	ug/kg	05/09/13 13:57	
2-Hexanone	<1.13	100	129	129	119	119	59-154	8	20	ug/kg	05/09/13 13:57	
4-Methyl-2-pentanone (MIBK)	<3.23	100	120	120	114	114	65-132	5	20	ug/kg	05/09/13 13:57	
Acetone	<6.88	100	109	109	105	105	43-163	4	20	ug/kg	05/09/13 13:57	
Benzene	<0.513	50.0	49.1	98	45.1	90	82-121	8	20	ug/kg	05/09/13 13:57	
Bromochloromethane	<1.01	50.0	56.6	113	52.4	105	79-126	8	20	ug/kg	05/09/13 13:57	
Bromodichloromethane	<0.501	50.0	43.7	87	44.1	88	80-135	1	20	ug/kg	05/09/13 13:57	
Bromoform	<0.959	50.0	55.4	111	48.6	97	71-135	13	20	ug/kg	05/09/13 13:57	
Bromomethane	<2.46	50.0	54.4	109	45.8	92	51-149	17	20	ug/kg	05/09/13 13:57	
Carbon disulfide	<1.46	50.0	50.8	102	45.4	91	57-151	11	20	ug/kg	05/09/13 13:57	
Carbon tetrachloride	<0.742	50.0	52.3	105	47.0	94	70-156	11	20	ug/kg	05/09/13 13:57	
Chlorobenzene	<0.579	50.0	52.4	105	50.3	101	76-131	4	20	ug/kg	05/09/13 13:57	
Chloroethane	<2.45	50.0	48.8	98	42.0	84	64-131	15	20	ug/kg	05/09/13 13:57	
Chloroform	<0.741	50.0	48.1	96	43.1	86	78-125	11	20	ug/kg	05/09/13 13:57	
Chloromethane	<2.30	50.0	55.7	111	50.0	100	59-127	11	20	ug/kg	05/09/13 13:57	
cis-1,2-Dichloroethene	<0.662	50.0	50.3	101	41.6	83	80-123	19	20	ug/kg	05/09/13 13:57	
cis-1,3-Dichloropropene	<0.539	50.0	45.7	91	47.1	94	81-123	3	20	ug/kg	05/09/13 13:57	
Cyclohexane	<0.945	50.0	53.4	107	46.5	93	58-164	14	20	ug/kg	05/09/13 13:57	
Dibromochloromethane	<0.994	50.0	52.2	104	49.2	98	81-136	6	20	ug/kg	05/09/13 13:57	
Dichlorodifluoromethane	<1.18	50.0	47.5	95	42.8	86	33-161	10	20	ug/kg	05/09/13 13:57	
Ethylbenzene	<0.565	50.0	50.8	102	48.7	97	84-129	4	20	ug/kg	05/09/13 13:57	
Isopropylbenzene	<0.759	50.0	50.5	101	49.2	98	65-153	3	20	ug/kg	05/09/13 13:57	
m,p-Xylenes	<1.21	100	106	106	103	103	75-141	3	20	ug/kg	05/09/13 13:57	
Methyl acetate	<0.946	50.0	58.7	117	58.3	117	45-155	1	20	ug/kg	05/09/13 13:57	
Methyl tert-butyl ether	<0.693	100	103	103	98.6	99	70-131	4	20	ug/kg	05/09/13 13:57	
Methylcyclohexane	<1.09	50.0	49.2	98	46.8	94	39-185	5	20	ug/kg	05/09/13 13:57	
Methylene chloride	<2.17	50.0	48.3	97	52.7	105	65-137	9	20	ug/kg	05/09/13 13:57	
Naphthalene	<1.30	50.0	60.1	120	58.9	118	68-151	2	20	ug/kg	05/09/13 13:57	
o-Xylene	<0.716	50.0	53.2	106	49.3	99	73-141	8	20	ug/kg	05/09/13 13:57	
Styrene	<0.742	50.0	55.1	110	52.8	106	82-129	4	20	ug/kg	05/09/13 13:57	
Tetrachloroethene	<1.04	50.0	56.6	113	57.1	114	78-144	1	20	ug/kg	05/09/13 13:57	
Toluene	<0.588	50.0	49.5	99	46.1	92	86-121	7	20	ug/kg	05/09/13 13:57	
trans-1,2-Dichloroethene	<0.780	50.0	49.9	100	49.7	99	72-132	0	20	ug/kg	05/09/13 13:57	
trans-1,3-Dichloropropene	<0.670	50.0	48.4	97	47.0	94	82-132	3	20	ug/kg	05/09/13 13:57	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 913354 Matrix: Solid Date Prep: 05/09/2013
MB Sample Id: 637852-1-BLK LCS Sample Id: 637852-1-BKS LCSD Sample Id: 637852-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	48.4	97	54.0	108	80-126	11	20	ug/kg	05/09/13 13:57	
Trichlorofluoromethane	<3.51	50.0	54.0	108	48.9	98	55-155	10	20	ug/kg	05/09/13 13:57	
Vinyl chloride	<2.01	50.0	47.3	95	41.7	83	70-130	13	20	ug/kg	05/09/13 13:57	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	83		88		87		50-150	%	05/09/13 13:57
4-Bromofluorobenzene	88		84		85		57-158	%	05/09/13 13:57
Toluene-D8	92		92		90		50-150	%	05/09/13 13:57

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 913381 Matrix: Solid Date Prep: 05/10/2013
MB Sample Id: 637858-1-BLK LCS Sample Id: 637858-1-BKS LCSD Sample Id: 637858-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<1.04	50.0	52.4	105	51.3	103	78-144	2	20	ug/kg	05/10/13 08:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	114		117		108		50-150	%	05/10/13 08:34
4-Bromofluorobenzene	93		93		98		57-158	%	05/10/13 08:34
Toluene-D8	99		99		100		50-150	%	05/10/13 08:34

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 913660 Matrix: Solid Date Prep: 05/14/2013
MB Sample Id: 638030-1-BLK LCS Sample Id: 638030-1-BKS LCSD Sample Id: 638030-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.602	50.0	50.6	101	51.6	103	71-124	2	25	ug/kg	05/14/13 10:08	
1,1,2,2-Tetrachloroethane	<0.194	50.0	45.8	92	48.2	96	75-133	5	25	ug/kg	05/14/13 10:08	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<2.00	50.0	47.0	94	49.0	98	72-122	4	25	ug/kg	05/14/13 10:08	
1,1,2-Trichloroethane	<0.225	50.0	47.9	96	49.9	100	75-131	4	25	ug/kg	05/14/13 10:08	
1,1-Dichloroethane	<0.125	50.0	46.9	94	48.4	97	73-124	3	25	ug/kg	05/14/13 10:08	
1,1-Dichloroethene	<0.192	50.0	47.1	94	49.7	99	68-119	5	25	ug/kg	05/14/13 10:08	
1,2,3-Trichlorobenzene	<0.106	50.0	54.3	109	57.2	114	75-131	5	25	ug/kg	05/14/13 10:08	
1,2,4-Trichlorobenzene	<0.191	50.0	55.3	111	58.1	116	79-128	5	25	ug/kg	05/14/13 10:08	
1,2-Dibromo-3-Chloropropane	<1.07	50.0	46.3	93	49.0	98	58-133	6	25	ug/kg	05/14/13 10:08	
1,2-Dibromoethane	<0.193	50.0	47.2	94	50.7	101	80-127	7	25	ug/kg	05/14/13 10:08	
1,2-Dichlorobenzene	<0.129	50.0	49.9	100	51.1	102	84-121	2	25	ug/kg	05/14/13 10:08	
1,2-Dichloroethane	<0.177	50.0	48.6	97	50.5	101	70-123	4	25	ug/kg	05/14/13 10:08	
1,2-Dichloropropane	<0.162	50.0	48.1	96	48.4	97	75-122	1	25	ug/kg	05/14/13 10:08	
1,3-Dichlorobenzene	<0.159	50.0	50.6	101	51.2	102	84-124	1	25	ug/kg	05/14/13 10:08	
1,4-Dichlorobenzene	<0.0970	50.0	49.5	99	50.5	101	82-120	2	25	ug/kg	05/14/13 10:08	
2-Butanone	<1.73	600	441	74	491	82	46-137	11	25	ug/kg	05/14/13 10:08	
2-Hexanone	<1.12	600	472	79	511	85	52-137	8	25	ug/kg	05/14/13 10:08	
4-Methyl-2-Pentanone	<0.876	600	449	75	479	80	65-128	6	25	ug/kg	05/14/13 10:08	
Acetone	3.73	600	471	79	520	87	33-148	10	25	ug/kg	05/14/13 10:08	
Benzene	<0.300	50.0	48.9	98	49.9	100	71-119	2	25	ug/kg	05/14/13 10:08	
Bromochloromethane	<0.215	50.0	44.4	89	47.9	96	71-120	8	25	ug/kg	05/14/13 10:08	
Bromodichloromethane	<0.186	50.0	48.8	98	51.3	103	78-126	5	25	ug/kg	05/14/13 10:08	
Bromoform	<0.393	50.0	47.6	95	51.3	103	63-136	7	25	ug/kg	05/14/13 10:08	
Bromomethane	<0.274	50.0	50.0	100	49.5	99	57-118	1	25	ug/kg	05/14/13 10:08	
Carbon Disulfide	<0.0880	550	453	82	474	86	55-136	5	25	ug/kg	05/14/13 10:08	
Carbon Tetrachloride	<0.132	50.0	52.3	105	52.5	105	63-135	0	25	ug/kg	05/14/13 10:08	
Chlorobenzene	<0.104	50.0	49.7	99	51.8	104	83-121	4	25	ug/kg	05/14/13 10:08	
Chloroethane	<0.254	50.0	46.3	93	46.9	94	57-122	1	25	ug/kg	05/14/13 10:08	
Chloroform	<0.139	50.0	47.5	95	49.5	99	74-118	4	25	ug/kg	05/14/13 10:08	
Chloromethane	<0.322	50.0	50.5	101	52.1	104	58-110	3	25	ug/kg	05/14/13 10:08	
cis-1,2-Dichloroethene	<0.165	50.0	45.5	91	48.5	97	72-131	6	25	ug/kg	05/14/13 10:08	
cis-1,3-Dichloropropene	<0.128	50.0	48.4	97	50.8	102	74-135	5	25	ug/kg	05/14/13 10:08	
Cyclohexane	<0.735	50.0	49.9	100	50.5	101	64-119	1	25	ug/kg	05/14/13 10:08	
Dibromochloromethane	<0.422	50.0	47.8	96	51.2	102	77-130	7	25	ug/kg	05/14/13 10:08	
Dichlorodifluoromethane	<0.484	50.0	53.0	106	54.4	109	54-122	3	25	ug/kg	05/14/13 10:08	
Ethylbenzene	<0.104	50.0	49.9	100	51.8	104	80-123	4	25	ug/kg	05/14/13 10:08	
Isopropylbenzene	<0.112	50.0	48.7	97	49.5	99	55-155	2	25	ug/kg	05/14/13 10:08	
m,p-Xylenes	<0.185	100	101	101	105	105	78-127	4	25	ug/kg	05/14/13 10:08	
Methyl Acetate	<1.14	550	434	79	474	86	41-138	9	25	ug/kg	05/14/13 10:08	
Methyl tert-butyl ether	<0.142	100	86.3	86	94.4	94	64-148	9	25	ug/kg	05/14/13 10:08	
Methylcyclohexane	<2.00	50.0	49.2	98	50.4	101	68-118	2	25	ug/kg	05/14/13 10:08	
Methylene Chloride	<0.427	50.0	38.9	78	42.1	84	57-134	8	25	ug/kg	05/14/13 10:08	
Naphthalene	<0.148	50.0	54.6	109	59.1	118	53-162	8	25	ug/kg	05/14/13 10:08	
o-Xylene	<0.149	50.0	47.9	96	51.2	102	79-125	7	25	ug/kg	05/14/13 10:08	
Styrene	<0.158	50.0	48.7	97	52.0	104	80-126	7	25	ug/kg	05/14/13 10:08	
Tetrachloroethene	<0.173	50.0	51.1	102	52.4	105	79-124	3	25	ug/kg	05/14/13 10:08	
Toluene	<0.117	50.0	49.7	99	50.2	100	74-122	1	25	ug/kg	05/14/13 10:08	
trans-1,2-dichloroethene	<0.123	50.0	47.3	95	50.1	100	63-110	6	25	ug/kg	05/14/13 10:08	
trans-1,3-dichloropropene	<0.361	50.0	48.8	98	50.4	101	73-125	3	25	ug/kg	05/14/13 10:08	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 913660 Matrix: Solid Date Prep: 05/14/2013

MB Sample Id: 638030-1-BLK LCS Sample Id: 638030-1-BKS LCSD Sample Id: 638030-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.147	50.0	49.8	100	50.1	100	78-119	1	25	ug/kg	05/14/13 10:08	
Trichlorofluoromethane	<0.186	50.0	53.4	107	55.0	110	71-148	3	25	ug/kg	05/14/13 10:08	
Vinyl Chloride	<0.193	50.0	50.6	101	51.6	103	60-123	2	25	ug/kg	05/14/13 10:08	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	98		89		99		53-142	%	05/14/13 10:08
1,2-Dichloroethane-D4	97		89		95		56-150	%	05/14/13 10:08
Toluene-D8	101		101		101		70-130	%	05/14/13 10:08
4-Bromofluorobenzene	104		96		96		68-152	%	05/14/13 10:08

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 912921 Matrix: Soil Date Prep: 05/03/2013
Parent Sample Id: 462381-011 MS Sample Id: 462381-011 S MSD Sample Id: 462381-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<1.04	69.0	62.7	91	69.3	100	62-137	10	20	ug/kg	05/03/13 18:41	
1,1,2,2-Tetrachloroethane	<1.64	69.0	66.0	96	77.2	112	64-128	16	20	ug/kg	05/03/13 18:41	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53	69.0	75.3	109	69.9	101	33-177	7	20	ug/kg	05/03/13 18:41	
1,1,2-Trichloroethane	<0.925	69.0	62.1	90	68.1	98	61-130	9	20	ug/kg	05/03/13 18:41	
1,1-Dichloroethane	<1.11	69.0	63.1	91	68.5	99	65-136	8	20	ug/kg	05/03/13 18:41	
1,1-Dichloroethene	<1.60	69.0	76.2	110	82.5	119	33-158	8	20	ug/kg	05/03/13 18:41	
1,2,3-Trichlorobenzene	<0.792	69.0	53.0	77	52.9	76	48-135	0	20	ug/kg	05/03/13 18:41	
1,2,4-Trichlorobenzene	<1.21	69.0	56.2	81	57.1	83	43-139	2	20	ug/kg	05/03/13 18:41	
1,2-Dibromo-3-chloropropane (DBCP)	<2.24	69.0	62.8	91	64.4	93	51-130	3	20	ug/kg	05/03/13 18:41	
1,2-Dibromoethane (EDB)	<1.19	69.0	61.1	89	67.1	97	69-132	9	20	ug/kg	05/03/13 18:41	
1,2-Dichlorobenzene	<1.78	69.0	59.1	86	64.6	93	71-120	9	20	ug/kg	05/03/13 18:41	
1,2-Dichloroethane	<0.824	69.0	55.8	81	58.4	84	53-140	5	20	ug/kg	05/03/13 18:41	
1,2-Dichloropropane	<1.28	69.0	64.8	94	71.1	103	68-126	9	20	ug/kg	05/03/13 18:41	
1,3-Dichlorobenzene	<1.38	69.0	61.4	89	70.0	101	68-127	13	20	ug/kg	05/03/13 18:41	
1,4-Dichlorobenzene	<0.944	69.0	60.6	88	68.4	99	72-118	12	20	ug/kg	05/03/13 18:41	
2-Butanone (MEK)	<12.6	138	149	108	156	113	42-147	5	20	ug/kg	05/03/13 18:41	
2-Hexanone	<1.56	138	146	106	151	109	32-142	3	20	ug/kg	05/03/13 18:41	
4-Methyl-2-pentanone (MIBK)	<4.46	138	148	107	155	112	34-149	5	20	ug/kg	05/03/13 18:41	
Acetone	22.1	138	164	103	158	98	43-163	4	20	ug/kg	05/03/13 18:41	
Benzene	1.09	69.0	65.9	94	72.2	103	65-135	9	20	ug/kg	05/03/13 18:41	
Bromochloromethane	<1.39	69.0	70.2	102	74.1	107	66-137	5	20	ug/kg	05/03/13 18:41	
Bromodichloromethane	<0.692	69.0	59.7	87	63.5	92	60-129	6	20	ug/kg	05/03/13 18:41	
Bromoform	<1.32	69.0	64.6	94	78.2	113	48-147	19	20	ug/kg	05/03/13 18:41	
Bromomethane	<3.39	69.0	71.4	103	73.8	107	42-170	3	20	ug/kg	05/03/13 18:41	
Carbon disulfide	<2.01	69.0	72.4	105	78.8	114	40-147	8	20	ug/kg	05/03/13 18:41	
Carbon tetrachloride	<1.02	69.0	61.2	89	69.4	100	54-148	13	20	ug/kg	05/03/13 18:41	
Chlorobenzene	<0.799	69.0	60.2	87	65.9	95	71-117	9	20	ug/kg	05/03/13 18:41	
Chloroethane	<3.38	69.0	79.5	115	69.2	100	44-166	14	20	ug/kg	05/03/13 18:41	
Chloroform	<1.02	69.0	60.7	88	65.3	94	62-127	7	20	ug/kg	05/03/13 18:41	
Chloromethane	<3.18	69.0	62.8	91	61.9	89	34-157	1	20	ug/kg	05/03/13 18:41	
cis-1,2-Dichloroethene	<0.914	69.0	65.6	95	71.4	103	41-155	8	20	ug/kg	05/03/13 18:41	
cis-1,3-Dichloropropene	<0.744	69.0	62.9	91	68.7	99	63-128	9	20	ug/kg	05/03/13 18:41	
Cyclohexane	<1.30	69.0	56.2	81	68.5	99	53-145	20	20	ug/kg	05/03/13 18:41	
Dibromochloromethane	<1.37	69.0	60.5	88	64.8	94	59-135	7	20	ug/kg	05/03/13 18:41	
Dichlorodifluoromethane	<1.63	69.0	55.9	81	59.9	87	16-171	7	20	ug/kg	05/03/13 18:41	
Ethylbenzene	1.62	69.0	60.9	86	68.9	97	65-139	12	20	ug/kg	05/03/13 18:41	
Isopropylbenzene	<1.05	69.0	63.1	91	81.4	118	62-133	25	20	ug/kg	05/03/13 18:41	F
m,p-Xylenes	6.11	138	127	88	143	99	69-130	12	20	ug/kg	05/03/13 18:41	
Methyl acetate	<1.31	69.0	65.4	95	69.7	101	20-170	6	20	ug/kg	05/03/13 18:41	
Methyl tert-butyl ether	<0.957	138	122	88	126	91	48-169	3	20	ug/kg	05/03/13 18:41	
Methylcyclohexane	<1.50	69.0	69.5	101	78.8	114	57-149	13	20	ug/kg	05/03/13 18:41	
Methylene chloride	<2.99	69.0	83.2	121	86.2	125	17-184	4	20	ug/kg	05/03/13 18:41	
Naphthalene	2.55	69.0	58.9	82	57.4	79	27-157	3	20	ug/kg	05/03/13 18:41	
o-Xylene	1.85	69.0	62.7	88	69.2	97	71-124	10	20	ug/kg	05/03/13 18:41	
Styrene	<1.02	69.0	61.0	88	67.3	97	50-143	10	20	ug/kg	05/03/13 18:41	
Tetrachloroethene	<1.43	69.0	63.1	91	71.6	103	42-156	13	20	ug/kg	05/03/13 18:41	
Toluene	3.95	69.0	61.9	84	69.9	95	65-128	12	20	ug/kg	05/03/13 18:41	
trans-1,2-Dichloroethene	<1.08	69.0	68.8	100	75.3	109	57-143	9	20	ug/kg	05/03/13 18:41	
trans-1,3-Dichloropropene	<0.925	69.0	56.4	82	62.0	90	55-141	9	20	ug/kg	05/03/13 18:41	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 912921 Matrix: Soil Date Prep: 05/03/2013

Parent Sample Id: 462381-011 MS Sample Id: 462381-011 S MSD Sample Id: 462381-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.976	69.0	65.6	95	71.6	103	39-150	9	20	ug/kg	05/03/13 18:41	
Trichlorofluoromethane	<4.85	69.0	69.6	101	73.8	107	34-179	6	20	ug/kg	05/03/13 18:41	
Vinyl chloride	<2.77	69.0	77.1	112	81.2	117	40-161	5	20	ug/kg	05/03/13 18:41	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	81		80		50-150	%	05/03/13 18:41
4-Bromofluorobenzene	97		106		57-158	%	05/03/13 18:41
Toluene-D8	95		96		50-150	%	05/03/13 18:41

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 912924 Matrix: Ground Water Date Prep: 05/03/2013
Parent Sample Id: 462391-002 MS Sample Id: 462391-002 S MSD Sample Id: 462391-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	50	100	46	92	63-149	8	20	ug/L	05/03/13 14:56	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	54	108	58-140	10	20	ug/L	05/03/13 14:56	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	47	94	46	92	42-156	2	20	ug/L	05/03/13 14:56	
1,1,2-Trichloroethane	<0.88	50	44	88	50	100	49-140	13	20	ug/L	05/03/13 14:56	
1,1-Dichloroethane	<0.74	50	50	100	51	102	67-136	2	20	ug/L	05/03/13 14:56	
1,1-Dichloroethene	<0.98	50	43	86	44	88	52-141	2	20	ug/L	05/03/13 14:56	
1,2,3-Trichlorobenzene	<2.6	50	45	90	58	116	50-131	25	20	ug/L	05/03/13 14:56	F
1,2,4-Trichlorobenzene	<1.3	50	51	102	60	120	51-125	16	20	ug/L	05/03/13 14:56	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	44	88	48	96	43-155	9	20	ug/L	05/03/13 14:56	
1,2-Dibromoethane (EDB)	<0.79	50	48	96	50	100	66-136	4	20	ug/L	05/03/13 14:56	
1,2-Dichlorobenzene	<0.73	50	46	92	52	104	70-124	12	20	ug/L	05/03/13 14:56	
1,2-Dichloroethane	<0.82	50	51	102	51	102	71-143	0	20	ug/L	05/03/13 14:56	
1,2-Dichloropropane	<0.81	50	45	90	47	94	74-125	4	20	ug/L	05/03/13 14:56	
1,3-Dichlorobenzene	<0.74	50	48	96	53	106	73-123	10	20	ug/L	05/03/13 14:56	
1,4-Dichlorobenzene	<0.59	50	47	94	52	104	74-116	10	20	ug/L	05/03/13 14:56	
2-Butanone (MEK)	<1.3	100	110	110	110	110	43-155	0	20	ug/L	05/03/13 14:56	
2-Hexanone	<2.5	100	100	100	110	110	52-148	10	20	ug/L	05/03/13 14:56	
4-Methyl-2-pentanone (MIBK)	<2.2	100	97	97	100	100	61-141	3	20	ug/L	05/03/13 14:56	
Acetone	<1.4	100	100	100	110	110	40-140	10	20	ug/L	05/03/13 14:56	
Benzene	<0.67	50	49	98	49	98	78-117	0	20	ug/L	05/03/13 14:56	
Bromochloromethane	<0.47	50	44	88	49	98	65-127	11	20	ug/L	05/03/13 14:56	
Bromodichloromethane	<0.96	50	46	92	49	98	71-133	6	20	ug/L	05/03/13 14:56	
Bromoform	<1.4	50	50	100	56	112	55-129	11	20	ug/L	05/03/13 14:56	
Bromomethane	<2.7	50	48	96	40	80	49-157	18	20	ug/L	05/03/13 14:56	
Carbon disulfide	<0.73	50	48	96	41	82	31-142	16	20	ug/L	05/03/13 14:56	
Carbon tetrachloride	<0.89	50	49	98	51	102	63-152	4	20	ug/L	05/03/13 14:56	
Chlorobenzene	<0.59	50	47	94	49	98	75-117	4	20	ug/L	05/03/13 14:56	
Chloroethane	<0.23	50	52	104	39	78	49-147	29	20	ug/L	05/03/13 14:56	F
Chloroform	<1.4	50	45	90	48	96	67-136	6	20	ug/L	05/03/13 14:56	
Chloromethane	<1.2	50	47	94	47	94	35-162	0	20	ug/L	05/03/13 14:56	
cis-1,2-Dichloroethene	<0.80	50	49	98	51	102	64-132	4	20	ug/L	05/03/13 14:56	
cis-1,3-Dichloropropene	<0.76	50	47	94	49	98	69-116	4	20	ug/L	05/03/13 14:56	
Cyclohexane	<0.99	50	48	96	50	100	59-141	4	20	ug/L	05/03/13 14:56	
Dibromochloromethane	<0.79	50	47	94	49	98	54-144	4	20	ug/L	05/03/13 14:56	
Dichlorodifluoromethane	<0.73	50	42	84	41	82	26-171	2	20	ug/L	05/03/13 14:56	
Ethylbenzene	<0.66	50	48	96	50	100	74-131	4	20	ug/L	05/03/13 14:56	
Isopropylbenzene	<1.0	50	49	98	53	106	63-133	8	20	ug/L	05/03/13 14:56	
m,p-Xylenes	<1.2	100	98	98	100	100	67-134	2	20	ug/L	05/03/13 14:56	
Methyl acetate	<0.15	50	53	106	46	92	65-135	14	20	ug/L	05/03/13 14:56	
Methyl tert-butyl ether	<0.62	100	90	90	97	97	51-156	7	20	ug/L	05/03/13 14:56	
Methylcyclohexane	<0.76	50	42	84	49	98	62-123	15	20	ug/L	05/03/13 14:56	
Methylene chloride	<0.92	50	51	102	50	100	52-165	2	20	ug/L	05/03/13 14:56	
Naphthalene	<4.0	50	47	94	57	114	31-151	19	20	ug/L	05/03/13 14:56	
o-Xylene	<0.57	50	46	92	48	96	70-125	4	20	ug/L	05/03/13 14:56	
Styrene	<0.56	50	51	102	52	104	42-145	2	20	ug/L	05/03/13 14:56	
Tetrachloroethene	<1.8	50	46	92	48	96	57-132	4	20	ug/L	05/03/13 14:56	
Toluene	<0.68	50	49	98	50	100	76-119	2	20	ug/L	05/03/13 14:56	
trans-1,2-Dichloroethene	<0.73	50	45	90	46	92	46-152	2	20	ug/L	05/03/13 14:56	
trans-1,3-Dichloropropene	<0.84	50	50	100	53	106	60-132	6	20	ug/L	05/03/13 14:56	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 912924 Matrix: Ground Water Date Prep: 05/03/2013

Parent Sample Id: 462391-002 MS Sample Id: 462391-002 S MSD Sample Id: 462391-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	44	88	43	86	77-120	2	20	ug/L	05/03/13 14:56	
Trichlorofluoromethane	<0.85	50	44	88	41	82	47-165	7	20	ug/L	05/03/13 14:56	
Vinyl chloride	<0.15	50	43	86	47	94	43-148	9	20	ug/L	05/03/13 14:56	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		80		53-159	%	05/03/13 14:56
4-Bromofluorobenzene	96		101		30-186	%	05/03/13 14:56
Toluene-D8	96		95		70-130	%	05/03/13 14:56

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 913262 Matrix: Soil Date Prep: 05/08/2013
Parent Sample Id: 462602-003 MS Sample Id: 462602-003 S MSD Sample Id: 462602-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<1.21	80.1	66.1	83	60.0	75	62-137	10	20	ug/kg	05/08/13 18:01	
1,1,2,2-Tetrachloroethane	<1.90	80.1	73.7	92	72.1	90	61-130	2	20	ug/kg	05/08/13 18:01	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.78	80.1	80.6	101	80.3	100	61-130	0	20	ug/kg	05/08/13 18:01	
1,1,2-Trichloroethane	<1.07	80.1	66.7	83	62.6	78	61-130	6	20	ug/kg	05/08/13 18:01	
1,1-Dichloroethane	<1.28	80.1	66.6	83	64.0	80	65-136	4	20	ug/kg	05/08/13 18:01	
1,1-Dichloroethene	<1.86	80.1	81.0	101	77.5	97	33-158	4	20	ug/kg	05/08/13 18:01	
1,2,3-Trichlorobenzene	<0.919	80.1	87.8	110	88.5	110	48-135	1	20	ug/kg	05/08/13 18:01	
1,2,4-Trichlorobenzene	<1.40	80.1	103	129	98.4	123	43-139	5	20	ug/kg	05/08/13 18:01	
1,2-Dibromo-3-chloropropane (DBCP)	<2.59	80.1	67.6	84	58.4	73	51-130	15	20	ug/kg	05/08/13 18:01	
1,2-Dibromoethane (EDB)	<1.38	80.1	82.7	103	74.8	93	69-132	10	20	ug/kg	05/08/13 18:01	
1,2-Dichlorobenzene	<2.07	80.1	84.9	106	81.3	101	71-120	4	20	ug/kg	05/08/13 18:01	
1,2-Dichloroethane	<0.956	80.1	61.5	77	68.6	86	53-140	11	20	ug/kg	05/08/13 18:01	
1,2-Dichloropropane	<1.49	80.1	69.0	86	62.1	78	68-126	11	20	ug/kg	05/08/13 18:01	
1,3-Dichlorobenzene	<1.60	80.1	87.3	109	81.2	101	68-127	7	20	ug/kg	05/08/13 18:01	
1,4-Dichlorobenzene	<1.10	80.1	86.1	107	83.9	105	72-118	3	20	ug/kg	05/08/13 18:01	
2-Butanone (MEK)	<14.6	160	161	101	163	102	42-147	1	20	ug/kg	05/08/13 18:01	
2-Hexanone	<1.81	160	171	107	174	109	32-142	2	20	ug/kg	05/08/13 18:01	
4-Methyl-2-pentanone (MIBK)	<5.18	160	168	105	173	108	34-149	3	20	ug/kg	05/08/13 18:01	
Acetone	<11.0	160	167	104	198	124	43-163	17	20	ug/kg	05/08/13 18:01	
Benzene	<0.822	80.1	65.6	82	63.6	79	65-135	3	20	ug/kg	05/08/13 18:01	
Bromochloromethane	<1.61	80.1	69.1	86	79.1	99	66-137	13	20	ug/kg	05/08/13 18:01	
Bromodichloromethane	<0.802	80.1	62.9	79	61.6	77	60-129	2	20	ug/kg	05/08/13 18:01	
Bromoform	<1.54	80.1	88.4	110	84.2	105	48-147	5	20	ug/kg	05/08/13 18:01	
Bromomethane	<3.94	80.1	74.9	94	71.8	90	42-170	4	20	ug/kg	05/08/13 18:01	
Carbon disulfide	<2.33	80.1	68.3	85	65.3	82	40-147	4	20	ug/kg	05/08/13 18:01	
Carbon tetrachloride	<1.19	80.1	73.2	91	73.8	92	54-148	1	20	ug/kg	05/08/13 18:01	
Chlorobenzene	<0.927	80.1	72.7	91	73.4	92	71-117	1	20	ug/kg	05/08/13 18:01	
Chloroethane	<3.92	80.1	69.9	87	64.3	80	44-166	8	20	ug/kg	05/08/13 18:01	
Chloroform	<1.19	80.1	65.8	82	63.9	80	62-127	3	20	ug/kg	05/08/13 18:01	
Chloromethane	<3.69	80.1	74.2	93	69.2	86	34-157	7	20	ug/kg	05/08/13 18:01	
cis-1,2-Dichloroethene	<1.06	80.1	67.2	84	64.6	81	41-155	4	20	ug/kg	05/08/13 18:01	
cis-1,3-Dichloropropene	<0.863	80.1	64.1	80	64.2	80	63-128	0	20	ug/kg	05/08/13 18:01	
Cyclohexane	<1.51	80.1	73.0	91	65.0	81	53-145	12	20	ug/kg	05/08/13 18:01	
Dibromochloromethane	<1.59	80.1	75.9	95	72.4	90	59-135	5	20	ug/kg	05/08/13 18:01	
Dichlorodifluoromethane	<1.89	80.1	61.8	77	57.5	72	16-171	7	20	ug/kg	05/08/13 18:01	
Ethylbenzene	<0.905	80.1	74.0	92	70.7	88	65-139	5	20	ug/kg	05/08/13 18:01	
Isopropylbenzene	<1.22	80.1	82.6	103	77.6	97	62-133	6	20	ug/kg	05/08/13 18:01	
m,p-Xylenes	<1.94	160	154	96	147	92	69-130	5	20	ug/kg	05/08/13 18:01	
Methyl acetate	<1.52	80.1	103	129	99.0	124	20-170	4	20	ug/kg	05/08/13 18:01	
Methyl tert-butyl ether	<1.11	160	139	87	130	81	48-169	7	20	ug/kg	05/08/13 18:01	
Methylcyclohexane	<1.75	80.1	69.9	87	67.6	84	57-149	3	20	ug/kg	05/08/13 18:01	
Methylene chloride	<3.47	80.1	71.7	90	74.6	93	17-184	4	20	ug/kg	05/08/13 18:01	
Naphthalene	<2.08	80.1	83.3	104	83.3	104	27-157	0	20	ug/kg	05/08/13 18:01	
o-Xylene	<1.15	80.1	70.5	88	71.2	89	71-124	1	20	ug/kg	05/08/13 18:01	
Styrene	<1.19	80.1	74.9	94	73.0	91	50-143	3	20	ug/kg	05/08/13 18:01	
Tetrachloroethene	<1.66	80.1	92.3	115	89.7	112	42-156	3	20	ug/kg	05/08/13 18:01	
Toluene	<0.942	80.1	69.0	86	67.0	84	65-128	3	20	ug/kg	05/08/13 18:01	
trans-1,2-Dichloroethene	<1.25	80.1	69.2	86	61.8	77	57-143	11	20	ug/kg	05/08/13 18:01	
trans-1,3-Dichloropropene	<1.07	80.1	67.5	84	64.7	81	55-141	4	20	ug/kg	05/08/13 18:01	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 913262 Matrix: Soil Date Prep: 05/08/2013

Parent Sample Id: 462602-003 MS Sample Id: 462602-003 S MSD Sample Id: 462602-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<1.13	80.1	81.7	102	80.3	100	39-150	2	20	ug/kg	05/08/13 18:01	
Trichlorofluoromethane	<5.63	80.1	72.7	91	69.6	87	34-179	4	20	ug/kg	05/08/13 18:01	
Vinyl chloride	<3.22	80.1	65.2	81	64.9	81	40-161	0	20	ug/kg	05/08/13 18:01	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	79		90		50-150	%	05/08/13 18:01
4-Bromofluorobenzene	87		87		57-158	%	05/08/13 18:01
Toluene-D8	91		93		65-128	%	05/08/13 18:01

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 913354 Matrix: Soil Date Prep: 05/09/2013
Parent Sample Id: 462733-001 MS Sample Id: 462733-001 S MSD Sample Id: 462733-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.919	61.1	52.3	86	50.1	82	62-137	4	20	ug/kg	05/09/13 23:29	
1,1,2,2-Tetrachloroethane	<1.45	61.1	57.7	94	60.4	99	64-128	5	20	ug/kg	05/09/13 23:29	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.36	61.1	57.9	95	60.9	100	33-177	5	20	ug/kg	05/09/13 23:29	
1,1,2-Trichloroethane	<0.818	61.1	57.3	94	57.3	94	61-130	0	20	ug/kg	05/09/13 23:29	
1,1-Dichloroethane	<0.979	61.1	53.3	87	57.7	94	65-136	8	20	ug/kg	05/09/13 23:29	
1,1-Dichloroethene	<1.42	61.1	55.0	90	57.7	94	33-158	5	20	ug/kg	05/09/13 23:29	
1,2,3-Trichlorobenzene	<0.701	61.1	70.1	115	74.6	122	48-135	6	20	ug/kg	05/09/13 23:29	
1,2,4-Trichlorobenzene	<1.07	61.1	69.7	114	73.8	121	43-139	6	20	ug/kg	05/09/13 23:29	
1,2-Dibromo-3-chloropropane (DBCP)	<1.98	61.1	57.2	94	67.0	110	51-130	16	20	ug/kg	05/09/13 23:29	
1,2-Dibromoethane (EDB)	<1.05	61.1	65.5	107	59.3	97	69-132	10	20	ug/kg	05/09/13 23:29	
1,2-Dichlorobenzene	<1.58	61.1	60.8	100	65.5	107	71-120	7	20	ug/kg	05/09/13 23:29	
1,2-Dichloroethane	<0.729	61.1	53.8	88	55.4	91	53-140	3	20	ug/kg	05/09/13 23:29	
1,2-Dichloropropane	<1.13	61.1	62.6	102	58.6	96	68-126	7	20	ug/kg	05/09/13 23:29	
1,3-Dichlorobenzene	<1.22	61.1	59.3	97	66.5	109	68-127	11	20	ug/kg	05/09/13 23:29	
1,4-Dichlorobenzene	<0.835	61.1	59.9	98	62.5	102	72-118	4	20	ug/kg	05/09/13 23:29	
2-Butanone (MEK)	<11.1	122	123	101	113	93	42-147	8	20	ug/kg	05/09/13 23:29	
2-Hexanone	<1.38	122	143	117	143	117	32-142	0	20	ug/kg	05/09/13 23:29	
4-Methyl-2-pentanone (MIBK)	<3.95	122	142	116	140	115	34-149	1	20	ug/kg	05/09/13 23:29	
Acetone	<8.40	122	140	115	126	103	43-163	11	20	ug/kg	05/09/13 23:29	
Benzene	<0.626	61.1	56.6	93	57.6	94	65-135	2	20	ug/kg	05/09/13 23:29	
Bromochloromethane	<1.23	61.1	61.8	101	66.2	108	66-137	7	20	ug/kg	05/09/13 23:29	
Bromodichloromethane	<0.612	61.1	57.4	94	53.7	88	60-129	7	20	ug/kg	05/09/13 23:29	
Bromoform	<1.17	61.1	60.4	99	61.8	101	48-147	2	20	ug/kg	05/09/13 23:29	
Bromomethane	<3.00	61.1	62.4	102	57.5	94	42-170	8	20	ug/kg	05/09/13 23:29	
Carbon disulfide	<1.78	61.1	51.7	85	54.8	90	40-147	6	20	ug/kg	05/09/13 23:29	
Carbon tetrachloride	<0.906	61.1	57.6	94	55.7	91	54-148	3	20	ug/kg	05/09/13 23:29	
Chlorobenzene	<0.707	61.1	56.8	93	61.6	101	71-117	8	20	ug/kg	05/09/13 23:29	
Chloroethane	<2.99	61.1	54.7	90	59.4	97	44-166	8	20	ug/kg	05/09/13 23:29	
Chloroform	<0.905	61.1	56.2	92	57.7	94	62-127	3	20	ug/kg	05/09/13 23:29	
Chloromethane	<2.81	61.1	65.1	107	66.3	109	34-157	2	20	ug/kg	05/09/13 23:29	
cis-1,2-Dichloroethene	<0.808	61.1	54.5	89	60.4	99	41-155	10	20	ug/kg	05/09/13 23:29	
cis-1,3-Dichloropropene	<0.658	61.1	55.7	91	54.9	90	63-128	1	20	ug/kg	05/09/13 23:29	
Cyclohexane	<1.15	61.1	54.7	90	52.2	85	53-145	5	20	ug/kg	05/09/13 23:29	
Dibromochloromethane	<1.21	61.1	63.2	103	62.6	102	59-135	1	20	ug/kg	05/09/13 23:29	
Dichlorodifluoromethane	<1.44	61.1	59.7	98	62.1	102	16-171	4	20	ug/kg	05/09/13 23:29	
Ethylbenzene	<0.690	61.1	54.8	90	59.8	98	65-139	9	20	ug/kg	05/09/13 23:29	
Isopropylbenzene	<0.927	61.1	53.5	88	60.5	99	62-133	12	20	ug/kg	05/09/13 23:29	
m,p-Xylenes	<1.48	122	114	93	119	98	69-130	4	20	ug/kg	05/09/13 23:29	
Methyl acetate	<1.16	61.1	65.9	108	63.7	104	20-170	3	20	ug/kg	05/09/13 23:29	
Methyl tert-butyl ether	<0.846	122	120	98	118	97	48-169	2	20	ug/kg	05/09/13 23:29	
Methylcyclohexane	<1.33	61.1	50.8	83	50.3	82	57-149	1	20	ug/kg	05/09/13 23:29	
Methylene chloride	<2.64	61.1	71.5	117	64.0	105	17-184	11	20	ug/kg	05/09/13 23:29	
Naphthalene	<1.59	61.1	65.2	107	68.5	112	27-157	5	20	ug/kg	05/09/13 23:29	
o-Xylene	<0.874	61.1	55.8	91	62.2	102	71-124	11	20	ug/kg	05/09/13 23:29	
Styrene	<0.906	61.1	61.0	100	63.0	103	50-143	3	20	ug/kg	05/09/13 23:29	
Tetrachloroethene	<1.26	61.1	61.0	100	66.4	109	42-156	8	20	ug/kg	05/09/13 23:29	
Toluene	<0.718	61.1	55.9	91	56.6	93	65-128	1	20	ug/kg	05/09/13 23:29	
trans-1,2-Dichloroethene	<0.952	61.1	53.8	88	56.8	93	57-143	5	20	ug/kg	05/09/13 23:29	
trans-1,3-Dichloropropene	<0.818	61.1	55.1	90	55.5	91	55-141	1	20	ug/kg	05/09/13 23:29	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 913354 Matrix: Soil Date Prep: 05/09/2013

Parent Sample Id: 462733-001 MS Sample Id: 462733-001 S MSD Sample Id: 462733-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.863	61.1	49.1	80	50.9	83	39-150	4	20	ug/kg	05/09/13 23:29	
Trichlorofluoromethane	<4.29	61.1	53.5	88	56.8	93	34-179	6	20	ug/kg	05/09/13 23:29	
Vinyl chloride	<2.45	61.1	56.3	92	61.8	101	40-161	9	20	ug/kg	05/09/13 23:29	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	80		104		50-150	%	05/09/13 23:29
4-Bromofluorobenzene	87		85		57-158	%	05/09/13 23:29
Toluene-D8	93		93		50-150	%	05/09/13 23:29

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 913660 Matrix: Soil Date Prep: 05/14/2013
Parent Sample Id: 462940-001 MS Sample Id: 462940-001 S MSD Sample Id: 462940-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.657	54.6	60.6	111	62.2	115	75-125	3	25	ug/kg	05/14/13 16:06	
1,1,2,2-Tetrachloroethane	<0.212	54.6	79.3	145	78.1	144	74-125	2	25	ug/kg	05/14/13 16:06	X
1,1,2-Trichloro-1,2,2-Trifluoroethane	<2.18	54.6	59.1	108	61.5	114	60-140	4	25	ug/kg	05/14/13 16:06	
1,1,2-Trichloroethane	<0.246	54.6	59.7	109	60.6	112	75-127	1	25	ug/kg	05/14/13 16:06	
1,1-Dichloroethane	<0.136	54.6	59.1	108	58.2	108	72-125	2	25	ug/kg	05/14/13 16:06	
1,1-Dichloroethene	<0.210	54.6	60.1	110	61.8	114	59-172	3	25	ug/kg	05/14/13 16:06	
1,2,3-Trichlorobenzene	<0.116	54.6	47.7	87	37.9	70	75-137	23	25	ug/kg	05/14/13 16:06	X
1,2,4-Trichlorobenzene	<0.208	54.6	46.5	85	41.5	77	75-135	11	25	ug/kg	05/14/13 16:06	
1,2-Dibromo-3-Chloropropane	<1.16	54.6	84.0	154	76.9	142	59-125	9	25	ug/kg	05/14/13 16:06	X
1,2-Dibromoethane	<0.211	54.6	66.8	122	65.9	122	73-125	1	25	ug/kg	05/14/13 16:06	
1,2-Dichlorobenzene	<0.141	54.6	59.6	109	54.7	101	75-125	9	25	ug/kg	05/14/13 16:06	
1,2-Dichloroethane	<0.193	54.6	59.5	109	59.6	110	68-127	0	25	ug/kg	05/14/13 16:06	
1,2-Dichloropropane	<0.177	54.6	55.2	101	55.9	103	74-125	1	25	ug/kg	05/14/13 16:06	
1,3-Dichlorobenzene	<0.174	54.6	57.1	105	54.3	100	75-125	5	25	ug/kg	05/14/13 16:06	
1,4-Dichlorobenzene	<0.106	54.6	56.6	104	54.0	100	75-125	5	25	ug/kg	05/14/13 16:06	
2-Butanone	<1.89	655	670	102	697	107	75-125	4	25	ug/kg	05/14/13 16:06	
2-Hexanone	<1.22	655	625	95	677	104	75-125	8	25	ug/kg	05/14/13 16:06	
4-Methyl-2-Pentanone	<0.956	655	628	96	657	101	60-140	5	25	ug/kg	05/14/13 16:06	
Acetone	5.32	655	711	108	728	111	50-150	2	25	ug/kg	05/14/13 16:06	
Benzene	<0.327	54.6	56.0	103	56.8	105	66-142	1	25	ug/kg	05/14/13 16:06	
Bromochloromethane	<0.235	54.6	59.3	109	57.6	106	60-140	3	25	ug/kg	05/14/13 16:06	
Bromodichloromethane	<0.203	54.6	58.1	106	57.8	107	75-125	1	25	ug/kg	05/14/13 16:06	
Bromoform	<0.429	54.6	66.8	122	65.8	122	75-125	2	25	ug/kg	05/14/13 16:06	
Bromomethane	<0.299	54.6	57.1	105	59.8	111	60-140	5	25	ug/kg	05/14/13 16:06	
Carbon Disulfide	<0.0961	600	511	85	537	90	60-140	5	25	ug/kg	05/14/13 16:06	
Carbon Tetrachloride	<0.144	54.6	60.0	110	62.2	115	62-125	4	25	ug/kg	05/14/13 16:06	
Chlorobenzene	<0.114	54.6	57.6	105	55.8	103	60-133	3	25	ug/kg	05/14/13 16:06	
Chloroethane	<0.277	54.6	57.2	105	59.3	110	60-140	4	25	ug/kg	05/14/13 16:06	
Chloroform	<0.152	54.6	58.8	108	58.0	107	74-125	1	25	ug/kg	05/14/13 16:06	
Chloromethane	<0.351	54.6	60.3	110	60.5	112	60-140	0	25	ug/kg	05/14/13 16:06	
cis-1,2-Dichloroethene	<0.180	54.6	56.4	103	56.3	104	75-125	0	25	ug/kg	05/14/13 16:06	
cis-1,3-Dichloropropene	<0.140	54.6	54.2	99	56.3	104	74-125	4	25	ug/kg	05/14/13 16:06	
Cyclohexane	<0.802	54.6	54.7	100	56.6	105	70-130	3	25	ug/kg	05/14/13 16:06	
Dibromochloromethane	<0.461	54.6	65.6	120	63.4	117	73-125	3	25	ug/kg	05/14/13 16:06	
Dichlorodifluoromethane	<0.528	54.6	66.4	122	70.4	130	65-135	6	25	ug/kg	05/14/13 16:06	
Ethylbenzene	0.304	54.6	59.3	108	58.1	107	75-125	2	25	ug/kg	05/14/13 16:06	
Isopropylbenzene	<0.122	54.6	66.3	121	66.3	123	75-125	0	25	ug/kg	05/14/13 16:06	
m,p-Xylenes	0.772	109	114	104	114	105	75-125	0	25	ug/kg	05/14/13 16:06	
Methyl Acetate	<1.24	600	632	105	865	145	65-135	31	25	ug/kg	05/14/13 16:06	XF
Methyl tert-butyl ether	<0.155	109	122	112	121	112	60-140	1	25	ug/kg	05/14/13 16:06	
Methylcyclohexane	<2.18	54.6	50.7	93	53.8	99	65-135	6	25	ug/kg	05/14/13 16:06	
Methylene Chloride	<0.466	54.6	52.6	96	51.3	95	75-125	3	25	ug/kg	05/14/13 16:06	
Naphthalene	<0.162	54.6	62.9	115	52.2	96	70-130	19	25	ug/kg	05/14/13 16:06	
o-Xylene	0.250	54.6	58.1	106	56.5	104	75-125	3	25	ug/kg	05/14/13 16:06	
Styrene	<0.172	54.6	54.5	100	53.4	99	75-125	2	25	ug/kg	05/14/13 16:06	
Tetrachloroethene	<0.189	54.6	59.1	108	60.7	112	71-125	3	25	ug/kg	05/14/13 16:06	
Toluene	0.555	54.6	54.0	98	55.1	101	59-139	2	25	ug/kg	05/14/13 16:06	
trans-1,2-dichloroethene	<0.134	54.6	56.8	104	58.2	108	75-125	2	25	ug/kg	05/14/13 16:06	
trans-1,3-dichloropropene	<0.394	54.6	54.8	100	57.2	106	66-125	4	25	ug/kg	05/14/13 16:06	

QC Summary 462460

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 913660 Matrix: Soil Date Prep: 05/14/2013

Parent Sample Id: 462940-001 MS Sample Id: 462940-001 S MSD Sample Id: 462940-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.160	54.6	55.2	101	57.2	106	62-137	4	25	ug/kg	05/14/13 16:06	
Trichlorofluoromethane	<0.203	54.6	64.5	118	68.1	126	67-125	5	25	ug/kg	05/14/13 16:06	X
Vinyl Chloride	<0.211	54.6	63.2	116	63.6	118	60-140	1	25	ug/kg	05/14/13 16:06	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	108		104		53-142	%	05/14/13 16:06
1,2-Dichloroethane-D4	110		108		56-150	%	05/14/13 16:06
Toluene-D8	95		100		70-130	%	05/14/13 16:06
4-Bromofluorobenzene	109		109		68-152	%	05/14/13 16:06

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262118 Page 1 of 3

Company-City: AEM Atlanta
Phone: 404-329-9006
Lab Only: WO# 462460

Proj Name-Location: ☑ Previously done at XENCO — Aramark - DeKalb Atlanta GA
Project ID: 1133-1302

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Leona Miles

e-Mail Results to ☑ PM or
Leona-miles@AEM-net
Fax No: 404-329-2057 ext 2057

Invoice to ☐ Accounting ☐ Inc. invoice with Final Report ☑ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: P.O No: ☑ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: Brownsfield

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Chad Crumbley Signature:

	Sample ID	Sampling Date	Time	Depth @ in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP										TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed			Addn: Date Rcv by: From:
1	SB-30	5-3-13	0812	0-2	S		X	4	V	V	V	X																								
2	SB-30	5-3-13	0814	2-4	S		X	4	V	V	V	X																								
3	SB-30	5-3-13	0820	6-8	S		X	4	V	V	V	X																								
4	SB-30	5-3-13	0830	10-12	S		X	4	V	V	V	X																								
5	SB-31	5-3-13	0855	0-2	S		X	4	V	V	V	X																								
6	SB-31	5-3-13	0900	2-4	S		X	4	V	V	V	X																								
7	SB-31	5-3-13	0905	6-8	S		X	4	V	V	V	X																								
8	SB-31	5-3-13	0910	10-12	S		X	4	V	V	V	X																								
9	SB-32	5-3-13	0920	0-2	S		X	4	V	V	V	X																								
10	SB-32	5-3-13	0925	2-4	S		X	4	V	V	V	X																								

Hold

X OFF HOLD RUSH (2 DAYS) 5/8/13

X OFF HOLD RUSH (2 DAYS) 5/8/13

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) [signature]	5-3-13 1159	2) [signature]	5-3-13 11:59
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 3°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262119 Page 2 of 3

Company-City: AEM Atlanta **Phone:** 404-329-9006

Lab Only: WO#462460

Proj Name-Location: ☑ Previously done at XENCO — Aramark-Dekalb Atlanta, GA **Project ID:** 1133-1302

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☐ PM or Leona-miles@AEM-net **Fax No:** 404-329-2057

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☑ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: **P.O No:** ☑ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: Browns Field

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Chad Crumbley Signature:

	Sample ID	Sampling Date	Time	Depth (ft/in" m)	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs (Full-List) BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP			Hold						TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:	
1	SB-32	5-3-13	0930	6-8	S		X	4	V	V	V	✓	✓											X									1
2	SB-32	5-3-13	0935	10-12	S		X	4	V	V	V	✓	✓											X									2
3	SB-33	5-3-13	0950	0-2	S		X	4	V	V	V	✓	✓											X									3
4	SB-33	5-3-13	0955	2-4	S		X	4	V	V	V	✓	✓											X									4
5	SB-33	5-3-13	1000	6-8	S		X	4	V	V	V	✓	✓											X									5
6	SB-33	5-3-13	1005	10-12	S		X	4	V	V	V	✓	✓											X									6
7	SB-34	5-3-13	1025	0-2	S		X	4	V	V	V													X									7
8	SB-34	5-3-13	1028	2-4	S		X	4	V	V	V													X									8
9	SB-34	5-3-13	1030	6-8	S		X	4	V	V	V													X									9
10	SB-34	5-3-13	1035	10-12	S		X	4	V	V	V													X									10

Off Hold 5/13/13 DCJ

Off Hold Rush 12 Days 5/13/13 DCJ

Off Hold Stnd TAT DCJ 5/13/13

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) CC	5-3-13 1159	2)	5-3-13 1159
2) 3)		4)	
3) 5)		6)	

Total Containers per COC: Cooler Temp: 3°C

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Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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XENCO Laboratories

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 2623423 Page of 3

Company-City: AEM Atlanta
Phone: 404-329-9006
Lab Only: CUO#462460

Proj Name-Location: Aramark - Dekalb ☑ Previously done at XENCO
Project ID: 1133-1302

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Leona Miles

e-Mail Results to ☐ PM or Leona-miles@AEM-net
Fax No: 404-329-2057

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☑ Invoice must have a P.O Bill to: Leona miles

Quote/Pricing: **P.O No:** ☑ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER Brownfield

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Chad Crumbley Signature:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs (Full-List) BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:
1	Trip Blank	5-3-13	—	—	—		—	2	40	C	H	X													1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) CC	5-3-13 1159	2) [illegible]	5-3-13 11:59
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 3°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Atlanta Environmental Management

Date/ Time Received: 05/03/2013 11:59:00 AM

Work Order #: 462460

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	3	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 05/03/2013

Checklist reviewed by: Dijana Piljak Date: 05/06/2013

Analytical Report 463770

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-2

31-MAY-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

31-MAY-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **463770**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 463770. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 463770 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-35 (0-2)	S	05-22-13 09:55	0 - 2 ft	463770-001
SB-35 (2-4)	S	05-22-13 10:30	2 - 4 ft	463770-002
SB-35 (6-7)	S	05-22-13 11:15	6 - 7 ft	463770-003
SB-36 (0-2)	S	05-22-13 15:25	0 - 2 ft	463770-004
SB-36 (2-4)	S	05-22-13 16:00	2 - 4 ft	463770-005
SB-36 (6-8)	S	05-22-13 16:20	6 - 8 ft	463770-006

CASE NARRATIVE

Client Name: Atlanta Environmental Management
Project Name: Aramark - Dekalb (Dekalb Ave)

Project ID:	*1133-1301-2*	Report Date:	*31-MAY-13*
Work Order Number(s):	*463770*	Date Received:	*05/23/2013*

Sample receipt non conformances and comments:
None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-914645 VOCs by SW-846 8260B
SW8260B_ATL

Batch 914645, 2-Hexanone, Dichlorodifluoromethane, Methyl acetate RPD was outside QC limits.
Samples affected are: 463770-001, -005, -002, -003, -006, -004

One or more internal standards were outside the QC criteria (low) due to difficult matrix and/or sample heterogeneity. The sample was reanalyzed and results were confirmed: 463770-002.

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-35 (0-2)**
Lab Sample Id: **463770-001**

Matrix: Soil
Date Collected: 05.22.13 09.55

Date Received: 05.23.13 09.47
Sample Depth: 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 16.9
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,1-Dichloroethane	75-34-3	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,1-Dichloroethene	75-35-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2-Dichloroethane	107-06-2	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,2-Dichloropropane	78-87-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	8.38	ug/kg	05.27.13 13.51	U	1
2-Butanone (MEK)	78-93-3	BRL	83.8	ug/kg	05.27.13 13.51	U	1
2-Hexanone	591-78-6	BRL	83.8	ug/kg	05.27.13 13.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	83.8	ug/kg	05.27.13 13.51	U	1
Acetone	67-64-1	BRL	83.8	ug/kg	05.27.13 13.51	U	1
Benzene	71-43-2	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Bromochloromethane	74-97-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Bromodichloromethane	75-27-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Bromoform	75-25-2	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Bromomethane	74-83-9	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Carbon disulfide	75-15-0	BRL	67.0	ug/kg	05.27.13 13.51	U	1
Carbon tetrachloride	56-23-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Chlorobenzene	108-90-7	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Chloroethane	75-00-3	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Chloroform	67-66-3	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Chloromethane	74-87-3	BRL	16.8	ug/kg	05.27.13 13.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	8.38	ug/kg	05.27.13 13.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Cyclohexane	110-82-7	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Dibromochloromethane	124-48-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Ethylbenzene	100-41-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Isopropylbenzene	98-82-8	BRL	8.38	ug/kg	05.27.13 13.51	U	1
m,p-Xylenes	179601-23-1	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Methyl acetate	79-20-9	BRL	8.38	ug/kg	05.27.13 13.51	U	1

Final 1.000

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-35 (0-2)**
Lab Sample Id: **463770-001**

Matrix: Soil
Date Collected: 05.22.13 09.55

Date Received: 05.23.13 09.47
Sample Depth: 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 16.9
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Methylcyclohexane	108-87-2	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Methylene chloride	75-09-2	BRL	33.5	ug/kg	05.27.13 13.51	U	1
Naphthalene	91-20-3	BRL	8.38	ug/kg	05.27.13 13.51	U	1
o-Xylene	95-47-6	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Styrene	100-42-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Tetrachloroethene	127-18-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Toluene	108-88-3	BRL	8.38	ug/kg	05.27.13 13.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	8.38	ug/kg	05.27.13 13.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Trichloroethene	79-01-6	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Trichlorofluoromethane	75-69-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1
Vinyl chloride	75-01-4	BRL	8.38	ug/kg	05.27.13 13.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	99	%	50-150	05.27.13 13.51	
4-Bromofluorobenzene	460-00-4	100	%	57-158	05.27.13 13.51	
Toluene-D8	2037-26-5	100	%	50-150	05.27.13 13.51	

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-35 (2-4)**
Lab Sample Id: **463770-002**

Matrix: Soil
Date Collected: 05.22.13 10.30

Date Received: 05.23.13 09.47
Sample Depth: 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 22.1
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,1-Dichloroethane	75-34-3	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,1-Dichloroethene	75-35-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2-Dichloroethane	107-06-2	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,2-Dichloropropane	78-87-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.86	ug/kg	05.27.13 14.16	U	1
2-Butanone (MEK)	78-93-3	BRL	58.6	ug/kg	05.27.13 14.16	U	1
2-Hexanone	591-78-6	BRL	58.6	ug/kg	05.27.13 14.16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	58.6	ug/kg	05.27.13 14.16	U	1
Acetone	67-64-1	BRL	58.6	ug/kg	05.27.13 14.16	U	1
Benzene	71-43-2	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Bromochloromethane	74-97-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Bromodichloromethane	75-27-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Bromoform	75-25-2	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Bromomethane	74-83-9	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Carbon disulfide	75-15-0	BRL	46.9	ug/kg	05.27.13 14.16	U	1
Carbon tetrachloride	56-23-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Chlorobenzene	108-90-7	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Chloroethane	75-00-3	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Chloroform	67-66-3	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Chloromethane	74-87-3	BRL	11.7	ug/kg	05.27.13 14.16	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.86	ug/kg	05.27.13 14.16	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Cyclohexane	110-82-7	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Dibromochloromethane	124-48-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Ethylbenzene	100-41-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Isopropylbenzene	98-82-8	BRL	5.86	ug/kg	05.27.13 14.16	U	1
m,p-Xylenes	179601-23-1	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Methyl acetate	79-20-9	BRL	5.86	ug/kg	05.27.13 14.16	U	1

Final 1.000

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-35 (2-4)**
Lab Sample Id: **463770-002**

Matrix: Soil
Date Collected: 05.22.13 10.30

Date Received: 05.23.13 09.47
Sample Depth: 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 22.1
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Methylcyclohexane	108-87-2	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Methylene chloride	75-09-2	BRL	23.4	ug/kg	05.27.13 14.16	U	1
Naphthalene	91-20-3	BRL	5.86	ug/kg	05.27.13 14.16	U	1
o-Xylene	95-47-6	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Styrene	100-42-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Tetrachloroethene	127-18-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Toluene	108-88-3	BRL	5.86	ug/kg	05.27.13 14.16	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.86	ug/kg	05.27.13 14.16	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Trichloroethene	79-01-6	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Trichlorofluoromethane	75-69-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1
Vinyl chloride	75-01-4	BRL	5.86	ug/kg	05.27.13 14.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	82	%	50-150	05.27.13 14.16	
4-Bromofluorobenzene	460-00-4	123	%	57-158	05.27.13 14.16	
Toluene-D8	2037-26-5	114	%	50-150	05.27.13 14.16	

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-36 (0-2)**
Lab Sample Id: **463770-004**

Matrix: Soil
Date Collected: 05.22.13 15.25

Date Received: 05.23.13 09.47
Sample Depth: 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 13.6
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,1-Dichloroethane	75-34-3	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,1-Dichloroethene	75-35-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2-Dichloroethane	107-06-2	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,2-Dichloropropane	78-87-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	4.96	ug/kg	05.27.13 15.07	U	1
2-Butanone (MEK)	78-93-3	BRL	49.6	ug/kg	05.27.13 15.07	U	1
2-Hexanone	591-78-6	BRL	49.6	ug/kg	05.27.13 15.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	49.6	ug/kg	05.27.13 15.07	U	1
Acetone	67-64-1	BRL	49.6	ug/kg	05.27.13 15.07	U	1
Benzene	71-43-2	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Bromochloromethane	74-97-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Bromodichloromethane	75-27-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Bromoform	75-25-2	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Bromomethane	74-83-9	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Carbon disulfide	75-15-0	BRL	39.7	ug/kg	05.27.13 15.07	U	1
Carbon tetrachloride	56-23-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Chlorobenzene	108-90-7	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Chloroethane	75-00-3	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Chloroform	67-66-3	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Chloromethane	74-87-3	BRL	9.93	ug/kg	05.27.13 15.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	4.96	ug/kg	05.27.13 15.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Cyclohexane	110-82-7	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Dibromochloromethane	124-48-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Ethylbenzene	100-41-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Isopropylbenzene	98-82-8	BRL	4.96	ug/kg	05.27.13 15.07	U	1
m,p-Xylenes	179601-23-1	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Methyl acetate	79-20-9	BRL	4.96	ug/kg	05.27.13 15.07	U	1

Final 1.000

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-36 (0-2)**
Lab Sample Id: **463770-004**

Matrix: Soil
Date Collected: 05.22.13 15.25

Date Received: 05.23.13 09.47
Sample Depth: 0 - 2 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 13.6
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Methylcyclohexane	108-87-2	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Methylene chloride	75-09-2	BRL	19.9	ug/kg	05.27.13 15.07	U	1
Naphthalene	91-20-3	BRL	4.96	ug/kg	05.27.13 15.07	U	1
o-Xylene	95-47-6	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Styrene	100-42-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Tetrachloroethene	127-18-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Toluene	108-88-3	BRL	4.96	ug/kg	05.27.13 15.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	4.96	ug/kg	05.27.13 15.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Trichloroethene	79-01-6	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Trichlorofluoromethane	75-69-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1
Vinyl chloride	75-01-4	BRL	4.96	ug/kg	05.27.13 15.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	95	%	50-150	05.27.13 15.07	
4-Bromofluorobenzene	460-00-4	114	%	57-158	05.27.13 15.07	
Toluene-D8	2037-26-5	102	%	50-150	05.27.13 15.07	

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-36 (2-4)**
Lab Sample Id: **463770-005**

Matrix: Soil
Date Collected: 05.22.13 16.00

Date Received: 05.23.13 09.47
Sample Depth: 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 16.9
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,1-Dichloroethane	75-34-3	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,1-Dichloroethene	75-35-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2-Dichloroethane	107-06-2	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,2-Dichloropropane	78-87-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	6.14	ug/kg	05.27.13 15.33	U	1
2-Butanone (MEK)	78-93-3	BRL	61.4	ug/kg	05.27.13 15.33	U	1
2-Hexanone	591-78-6	BRL	61.4	ug/kg	05.27.13 15.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	61.4	ug/kg	05.27.13 15.33	U	1
Acetone	67-64-1	BRL	61.4	ug/kg	05.27.13 15.33	U	1
Benzene	71-43-2	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Bromochloromethane	74-97-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Bromodichloromethane	75-27-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Bromoform	75-25-2	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Bromomethane	74-83-9	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Carbon disulfide	75-15-0	BRL	49.1	ug/kg	05.27.13 15.33	U	1
Carbon tetrachloride	56-23-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Chlorobenzene	108-90-7	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Chloroethane	75-00-3	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Chloroform	67-66-3	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Chloromethane	74-87-3	BRL	12.3	ug/kg	05.27.13 15.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	6.14	ug/kg	05.27.13 15.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Cyclohexane	110-82-7	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Dibromochloromethane	124-48-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Ethylbenzene	100-41-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Isopropylbenzene	98-82-8	BRL	6.14	ug/kg	05.27.13 15.33	U	1
m,p-Xylenes	179601-23-1	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Methyl acetate	79-20-9	BRL	6.14	ug/kg	05.27.13 15.33	U	1

Certificate of Analytical Results 463770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-36 (2-4)**
Lab Sample Id: **463770-005**

Matrix: Soil
Date Collected: 05.22.13 16.00

Date Received: 05.23.13 09.47
Sample Depth: 2 - 4 ft

Analytical Method: **VOCs by SW-846 8260B**
Tech: BAT
Analyst: MLA
Seq Number: 914645

Date Prep: 05.27.13 08.27

Prep Method: SW5035A
% Moisture: 16.9
Basis: Dry Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Methylcyclohexane	108-87-2	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Methylene chloride	75-09-2	BRL	24.6	ug/kg	05.27.13 15.33	U	1
Naphthalene	91-20-3	BRL	6.14	ug/kg	05.27.13 15.33	U	1
o-Xylene	95-47-6	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Styrene	100-42-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Tetrachloroethene	127-18-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Toluene	108-88-3	BRL	6.14	ug/kg	05.27.13 15.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	6.14	ug/kg	05.27.13 15.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Trichloroethene	79-01-6	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Trichlorofluoromethane	75-69-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1
Vinyl chloride	75-01-4	BRL	6.14	ug/kg	05.27.13 15.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	94	%	50-150	05.27.13 15.33	
4-Bromofluorobenzene	460-00-4	98	%	57-158	05.27.13 15.33	
Toluene-D8	2037-26-5	98	%	50-150	05.27.13 15.33	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 463770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **Percent Moisture**

Seq Number: 914897 Matrix: Soil

Parent Sample Id: 463603-047 MD Sample Id: 463603-047 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	13.4	13.2	2	20	%	05.29.13 14:45	

Analytical Method: **Percent Moisture**

Seq Number: 914897 Matrix: Soil

Parent Sample Id: 463603-056 MD Sample Id: 463603-056 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	17.3	17.6	2	20	%	05.29.13 14:45	

QC Summary 463770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 914645 Matrix: Solid Date Prep: 05.27.13

MB Sample Id: 638698-1-BLK LCS Sample Id: 638698-1-BKS LCSD Sample Id: 638698-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	53.1	106	54.0	108	75-145	2	20	ug/kg	05.27.13 09:18	
1,1,2,2-Tetrachloroethane	<1.19	50.0	50.7	101	48.1	96	78-120	5	20	ug/kg	05.27.13 09:18	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	48.1	96	54.3	109	54-173	12	20	ug/kg	05.27.13 09:18	
1,1,2-Trichloroethane	<0.670	50.0	48.1	96	51.4	103	81-115	7	20	ug/kg	05.27.13 09:18	
1,1-Dichloroethane	<0.802	50.0	47.0	94	47.6	95	73-131	1	20	ug/kg	05.27.13 09:18	
1,1-Dichloroethene	<1.16	50.0	57.7	115	55.6	111	67-144	4	20	ug/kg	05.27.13 09:18	
1,2,3-Trichlorobenzene	<0.574	50.0	66.1	132	63.6	127	59-168	4	20	ug/kg	05.27.13 09:18	
1,2,4-Trichlorobenzene	<0.873	50.0	66.0	132	68.2	136	61-170	3	20	ug/kg	05.27.13 09:18	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	59.1	118	50.6	101	62-146	15	20	ug/kg	05.27.13 09:18	
1,2-Dibromoethane (EDB)	<0.863	50.0	54.0	108	54.1	108	81-121	0	20	ug/kg	05.27.13 09:18	
1,2-Dichlorobenzene	<1.29	50.0	48.1	96	48.1	96	70-146	0	20	ug/kg	05.27.13 09:18	
1,2-Dichloroethane	<0.597	50.0	50.5	101	45.9	92	63-150	10	20	ug/kg	05.27.13 09:18	
1,2-Dichloropropane	<0.929	50.0	49.1	98	49.4	99	76-121	1	20	ug/kg	05.27.13 09:18	
1,3-Dichlorobenzene	<0.997	50.0	49.5	99	51.1	102	73-145	3	20	ug/kg	05.27.13 09:18	
1,4-Dichlorobenzene	<0.684	50.0	56.8	114	54.2	108	74-143	5	20	ug/kg	05.27.13 09:18	
2-Butanone (MEK)	<2.28	100	80.6	81	80.9	81	44-158	0	20	ug/kg	05.27.13 09:18	
2-Hexanone	<1.13	100	90.8	91	89.5	90	59-154	1	20	ug/kg	05.27.13 09:18	
4-Methyl-2-pentanone (MIBK)	<3.23	100	83.7	84	84.1	84	65-132	0	20	ug/kg	05.27.13 09:18	
Acetone	<6.88	100	92.9	93	96.5	97	43-163	4	20	ug/kg	05.27.13 09:18	
Benzene	<0.513	50.0	53.2	106	54.9	110	82-121	3	20	ug/kg	05.27.13 09:18	
Bromochloromethane	<1.01	50.0	53.0	106	52.7	105	79-126	1	20	ug/kg	05.27.13 09:18	
Bromodichloromethane	<0.501	50.0	50.0	100	51.1	102	80-135	2	20	ug/kg	05.27.13 09:18	
Bromoform	<0.959	50.0	49.7	99	48.0	96	71-135	3	20	ug/kg	05.27.13 09:18	
Bromomethane	<2.46	50.0	55.3	111	57.2	114	51-149	3	20	ug/kg	05.27.13 09:18	
Carbon disulfide	<1.46	50.0	59.6	119	55.0	110	57-151	8	20	ug/kg	05.27.13 09:18	
Carbon tetrachloride	<0.742	50.0	55.6	111	58.0	116	70-156	4	20	ug/kg	05.27.13 09:18	
Chlorobenzene	<0.579	50.0	49.1	98	49.6	99	76-131	1	20	ug/kg	05.27.13 09:18	
Chloroethane	<2.45	50.0	52.9	106	52.8	106	64-131	0	20	ug/kg	05.27.13 09:18	
Chloroform	<0.741	50.0	56.3	113	57.5	115	78-125	2	20	ug/kg	05.27.13 09:18	
Chloromethane	<2.30	50.0	51.2	102	50.7	101	59-127	1	20	ug/kg	05.27.13 09:18	
cis-1,2-Dichloroethene	<0.662	50.0	55.9	112	50.6	101	80-123	10	20	ug/kg	05.27.13 09:18	
cis-1,3-Dichloropropene	<0.539	50.0	51.7	103	52.2	104	81-123	1	20	ug/kg	05.27.13 09:18	
Cyclohexane	<0.945	50.0	46.7	93	46.2	92	58-164	1	20	ug/kg	05.27.13 09:18	
Dibromochloromethane	<0.994	50.0	53.4	107	54.5	109	81-136	2	20	ug/kg	05.27.13 09:18	
Dichlorodifluoromethane	<1.18	50.0	61.7	123	63.0	126	33-161	2	20	ug/kg	05.27.13 09:18	
Ethylbenzene	<0.565	50.0	55.4	111	58.5	117	84-129	5	20	ug/kg	05.27.13 09:18	
Isopropylbenzene	<0.759	50.0	51.2	102	50.0	100	65-153	2	20	ug/kg	05.27.13 09:18	
m,p-Xylenes	<1.21	100	107	107	111	111	75-141	4	20	ug/kg	05.27.13 09:18	
Methyl acetate	<0.946	50.0	40.2	80	39.5	79	45-155	2	20	ug/kg	05.27.13 09:18	
Methyl tert-butyl ether	<0.693	100	115	115	110	110	70-131	4	20	ug/kg	05.27.13 09:18	
Methylcyclohexane	<1.09	50.0	57.7	115	61.4	123	39-185	6	20	ug/kg	05.27.13 09:18	
Methylene chloride	<2.17	50.0	61.0	122	55.1	110	65-137	10	20	ug/kg	05.27.13 09:18	
Naphthalene	<1.30	50.0	60.6	121	54.8	110	68-151	10	20	ug/kg	05.27.13 09:18	
o-Xylene	<0.716	50.0	50.5	101	50.9	102	73-141	1	20	ug/kg	05.27.13 09:18	
Styrene	<0.742	50.0	55.1	110	59.0	118	82-129	7	20	ug/kg	05.27.13 09:18	
Tetrachloroethene	<1.04	50.0	55.7	111	59.7	119	78-144	7	20	ug/kg	05.27.13 09:18	
Toluene	<0.588	50.0	53.2	106	56.7	113	86-121	6	20	ug/kg	05.27.13 09:18	
trans-1,2-Dichloroethene	<0.780	50.0	55.2	110	49.4	99	72-132	11	20	ug/kg	05.27.13 09:18	
trans-1,3-Dichloropropene	<0.670	50.0	53.8	108	54.4	109	82-132	1	20	ug/kg	05.27.13 09:18	

QC Summary 463770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 914645 Matrix: Solid Date Prep: 05.27.13

MB Sample Id: 638698-1-BLK LCS Sample Id: 638698-1-BKS LCSD Sample Id: 638698-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	45.7	91	54.3	109	80-126	17	20	ug/kg	05.27.13 09:18	
Trichlorofluoromethane	<3.51	50.0	63.4	127	58.6	117	55-155	8	20	ug/kg	05.27.13 09:18	
Vinyl chloride	<2.01	50.0	59.5	119	54.3	109	70-130	9	20	ug/kg	05.27.13 09:18	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	99		85		79		50-150	%	05.27.13 09:18
4-Bromofluorobenzene	102		99		92		57-158	%	05.27.13 09:18
Toluene-D8	100		101		98		50-150	%	05.27.13 09:18

QC Summary 463770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 914645 Matrix: Soil Date Prep: 05.27.13
Parent Sample Id: 463770-003 MS Sample Id: 463770-003 S MSD Sample Id: 463770-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.915	60.8	59.6	98	58.4	96	62-137	2	20	ug/kg	05.27.13 16:51	
1,1,2,2-Tetrachloroethane	<1.44	60.8	56.8	93	63.2	104	64-128	11	20	ug/kg	05.27.13 16:51	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.35	60.8	59.9	99	58.2	96	33-177	3	20	ug/kg	05.27.13 16:51	
1,1,2-Trichloroethane	<0.814	60.8	58.6	96	59.5	98	61-130	2	20	ug/kg	05.27.13 16:51	
1,1-Dichloroethane	<0.975	60.8	53.0	87	53.7	88	65-136	1	20	ug/kg	05.27.13 16:51	
1,1-Dichloroethene	<1.41	60.8	68.5	113	65.8	108	33-158	4	20	ug/kg	05.27.13 16:51	
1,2,3-Trichlorobenzene	<0.698	60.8	73.9	122	75.7	125	48-135	2	20	ug/kg	05.27.13 16:51	
1,2,4-Trichlorobenzene	<1.06	60.8	79.3	130	81.2	134	43-139	2	20	ug/kg	05.27.13 16:51	
1,2-Dibromo-3-chloropropane (DBCP)	<1.97	60.8	69.2	114	67.5	111	51-130	2	20	ug/kg	05.27.13 16:51	
1,2-Dibromoethane (EDB)	<1.05	60.8	66.4	109	62.5	103	69-132	6	20	ug/kg	05.27.13 16:51	
1,2-Dichlorobenzene	<1.57	60.8	56.1	92	56.4	93	71-120	1	20	ug/kg	05.27.13 16:51	
1,2-Dichloroethane	<0.726	60.8	54.4	89	52.1	86	53-140	4	20	ug/kg	05.27.13 16:51	
1,2-Dichloropropane	<1.13	60.8	54.6	90	53.8	89	68-126	1	20	ug/kg	05.27.13 16:51	
1,3-Dichlorobenzene	<1.21	60.8	54.9	90	54.9	90	68-127	0	20	ug/kg	05.27.13 16:51	
1,4-Dichlorobenzene	<0.831	60.8	64.5	106	63.3	104	72-118	2	20	ug/kg	05.27.13 16:51	
2-Butanone (MEK)	<2.77	122	108	89	109	90	42-147	1	20	ug/kg	05.27.13 16:51	
2-Hexanone	<1.37	122	95.9	79	119	98	32-142	21	20	ug/kg	05.27.13 16:51	F
4-Methyl-2-pentanone (MIBK)	<3.93	122	100	82	114	94	34-149	13	20	ug/kg	05.27.13 16:51	
Acetone	<8.36	122	149	122	140	116	43-163	6	20	ug/kg	05.27.13 16:51	
Benzene	<0.624	60.8	59.9	99	59.2	98	65-135	1	20	ug/kg	05.27.13 16:51	
Bromochloromethane	<1.22	60.8	62.2	102	52.6	87	66-137	17	20	ug/kg	05.27.13 16:51	
Bromodichloromethane	<0.609	60.8	54.6	90	58.4	96	60-129	7	20	ug/kg	05.27.13 16:51	
Bromoform	<1.17	60.8	55.3	91	54.7	90	48-147	1	20	ug/kg	05.27.13 16:51	
Bromomethane	<2.99	60.8	68.3	112	63.7	105	42-170	7	20	ug/kg	05.27.13 16:51	
Carbon disulfide	<1.77	60.8	66.9	110	64.2	106	40-147	4	20	ug/kg	05.27.13 16:51	
Carbon tetrachloride	<0.902	60.8	66.0	109	61.8	102	54-148	7	20	ug/kg	05.27.13 16:51	
Chlorobenzene	<0.704	60.8	54.3	89	54.2	89	71-117	0	20	ug/kg	05.27.13 16:51	
Chloroethane	<2.97	60.8	63.4	104	53.9	89	44-166	16	20	ug/kg	05.27.13 16:51	
Chloroform	<0.901	60.8	59.0	97	56.9	94	62-127	4	20	ug/kg	05.27.13 16:51	
Chloromethane	<2.80	60.8	58.7	97	52.3	86	34-157	12	20	ug/kg	05.27.13 16:51	
cis-1,2-Dichloroethene	<0.805	60.8	57.7	95	56.0	92	41-155	3	20	ug/kg	05.27.13 16:51	
cis-1,3-Dichloropropene	<0.655	60.8	61.8	102	58.3	96	63-128	6	20	ug/kg	05.27.13 16:51	
Cyclohexane	<1.15	60.8	53.1	87	52.5	86	53-145	1	20	ug/kg	05.27.13 16:51	
Dibromochloromethane	<1.21	60.8	59.4	98	61.1	101	59-135	3	20	ug/kg	05.27.13 16:51	
Dichlorodifluoromethane	<1.43	60.8	58.0	95	73.9	122	16-171	24	20	ug/kg	05.27.13 16:51	F
Ethylbenzene	<0.687	60.8	64.1	105	63.3	104	65-139	1	20	ug/kg	05.27.13 16:51	
Isopropylbenzene	<0.923	60.8	59.1	97	55.4	91	62-133	6	20	ug/kg	05.27.13 16:51	
m,p-Xylenes	<1.47	122	128	105	121	100	69-130	6	20	ug/kg	05.27.13 16:51	
Methyl acetate	<1.15	60.8	52.4	86	68.9	114	20-170	27	20	ug/kg	05.27.13 16:51	F
Methyl tert-butyl ether	<0.842	122	134	110	137	113	48-169	2	20	ug/kg	05.27.13 16:51	
Methylcyclohexane	<1.32	60.8	70.6	116	67.1	111	57-149	5	20	ug/kg	05.27.13 16:51	
Methylene chloride	<2.63	60.8	68.1	112	56.9	94	17-184	18	20	ug/kg	05.27.13 16:51	
Naphthalene	<1.58	60.8	64.7	106	70.8	117	27-157	9	20	ug/kg	05.27.13 16:51	
o-Xylene	<0.870	60.8	57.6	95	54.3	89	71-124	6	20	ug/kg	05.27.13 16:51	
Styrene	<0.902	60.8	61.8	102	61.6	101	50-143	0	20	ug/kg	05.27.13 16:51	
Tetrachloroethene	<1.26	60.8	66.9	110	65.7	108	42-156	2	20	ug/kg	05.27.13 16:51	
Toluene	<0.715	60.8	61.1	100	59.4	98	65-128	3	20	ug/kg	05.27.13 16:51	
trans-1,2-Dichloroethene	<0.948	60.8	62.9	103	61.3	101	57-143	3	20	ug/kg	05.27.13 16:51	
trans-1,3-Dichloropropene	<0.814	60.8	56.5	93	60.5	100	55-141	7	20	ug/kg	05.27.13 16:51	

QC Summary 463770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 914645 Matrix: Soil Date Prep: 05.27.13

Parent Sample Id: 463770-003 MS Sample Id: 463770-003 S MSD Sample Id: 463770-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.859	60.8	53.2	88	51.5	85	39-150	3	20	ug/kg	05.27.13 16:51	
Trichlorofluoromethane	<4.27	60.8	71.2	117	71.5	118	34-179	0	20	ug/kg	05.27.13 16:51	
Vinyl chloride	<2.44	60.8	65.5	108	62.6	103	40-161	5	20	ug/kg	05.27.13 16:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	97		89		50-150	%	05.27.13 16:51
4-Bromofluorobenzene	93		90		57-158	%	05.27.13 16:51
Toluene-D8	97		99		50-150	%	05.27.13 16:51

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262499 Page 1 of 1

Company-City ATLANTA ENV. MGMT., INC., ATLANTA, GA **Phone** (4)329-9006

Lab Only: WO#H63740 STANDARD

Proj Name-Location ☒ Previously done at XENCO **Project ID** 1133
ARAMARK - DEKALB AVE

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL GA LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM)** LEONA MILES

e-Mail Results to ☒ PM or **Fax No:**

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☒ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name GERALD INGLE Signature

	Sample ID	Sampling Date	Time	Depth ft In m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn:
1	SB-3-15 (0'-2')	5/22/13	0955	FT.	S		X	4	40 2oz	C	L	X												RUN	1
2	SB-3-15 (2'-4')	5/22/13	1030	FT.	S		X	4	40 2oz	C	L	X												RUN	2
3	SB-3-15 (6'-8')	5/22/13	1115	FT.	S		X	4	40 2oz	C	L	X								HOLD				HOLD	3
4	SB-3-16 (0'-2')	5/22/13	1525	FT.	S		X	4	40 2oz	C	L	X								DEEPEST INTERVAL				RUN	4
5	SB-3-16 (2'-4')	5/22/13	1600	FT.	S		X	4	40 2oz	C	L	X								SAMPLES				RUN	5
6	SB-3-16 (6'-8')	5/22/13	1620	FT.	S		X	4	40 2oz	C	L	X												HOLD	6
7																									7
8	QC 5/23/13																								8
9																									9
10																								4.2°C	10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1)	5/23/13, 0947	2)	5/23/13 0947
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp:

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 05/23/2013 09:47:00 AM

Work Order #: 463770

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	4.2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Note: Soil VOCs submitted in pre-weighed DI Water Vials. Frozen upon receipt at the lab.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: J. Derek Rounsley Date: 05/24/2013

Checklist reviewed by: David C. Fuller Date: 05/26/2013

ATTACHMENT C

Excerpt from 1999 Phase I ESA

5.4 Storage Tanks

No obvious evidence of USTs, ASTs or associated plumbing/piping was observed at the time of our site reconnaissance.

5.5 Indications of PCBs

None noted on the site. Pole-mounted transformers are located along the DeKalb Avenue right-of-way.

5.6 Indications of Solid Waste Disposal

No indications of illicit dumping were observed on the property. No evidence of hazardous or regulated substance disposal was observed.

6.0 FINDINGS AND CONCLUSIONS

We have performed a Phase I Environmental Assessment in general accordance with ASTM E 1527-97 on the property located at 690 DeKalb Avenue, Fulton County, Georgia. Any exceptions to or deletions from the ASTM practice are described in Section 2.1 of this report. This assessment has revealed the following *recognized environmental conditions* in connection with the subject property:

- he use of underground storage tanks at the adjacent 670 property and a confirmed release at this site that appears to have impacted the subject property.
- A filling station formerly located north of and adjacent to the subject property on Edgewood Avenue.

PHASE II SITE ASSESSMENT

7.0 SUBSURFACE ASSESSMENT

Three borings, B-1, B-2 and B-3 at the locations shown on the attached Boring Location Plan (Appendix C), were advanced using 3.25 inch inside diameter (i.d.) hollow stem augers producing 6.25 inch i.d. boreholes to depths ranging from 25 to 30 feet. Soil samples were obtained at five-foot intervals using a split-spoon sampler and field-screened for the presence of organic vapors using a photo ionization detector (PID). The soil sample with the highest PID reading was submitted for analysis. If no elevated readings were detected, the soil sample nearest the groundwater table was submitted for analyses. Groundwater samples were obtained through the augers using dedicated plastic bailers, placed in laboratory containers, stored on ice, and delivered via courier to Advanced Chemistry Labs, Inc. Atlanta, Georgia. To minimize the potential for cross-contamination between borings, all downhole drilling and sampling tools were steamed cleaned. All borings were backfilled with soil cuttings. Groundwater and soil samples were analyzed for Volatile Organic Compounds using EPA Methods 5030B/8021B and 5035/8021B, respectively. The results are tabulated in Table I below. A copy of the laboratory analytical report may be found in Appendix D.

TABLE I
GROUNDWATER AND SOIL ANALYTICAL RESULTS
690 DEKALB AVENUE
VOLATILE ORGANIC COMPOUNDS
JOB NO. 20561, REPORT NO. 104073

VOLATILE ORGANIC COMPOUNDS	BORING NUMBER					
	B-1 (W)	B-2 (W)	B-3 (W)	B-1 (S)	B-2 (S)	B-3 (S)
Benzene	6.6	10	BDL	BDL	BDL	BDL
Chlorobenzene	BDL	3.3	BDL	BDL	BDL	BDL
Chloroethane	2.3	8.9	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8.2	15	BDL	BDL	BDL	BDL
Cis- 1,2-Dichloroethene	5,000	13,300	34	334	BDL	BDL
trans-1,2-Dichloroethene	80	98	BDL	BDL	BDL	BDL
Ethyl benzene	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	69	169	BDL	BDL	BDL	BDL
Toluene	BDL	1.3	BDL	BDL	57	6
Trichloroethene	269	289	BDL	BDL	52	BDL
Vinyl Chloride	982	2090	BDL	BDL	109	BDL
Xylenes	BDL	BDL	BDL	BDL	BDL	19

Notes: All concentrations expressed in parts per billion (ppb)
BDL - Concentration of compound below detection limits
W - Water Sample
S - Soil Sample

8.0 FINDINGS/DISCUSSION

Analytical data indicate that both soils and groundwater at the subject site have been impacted by VOC's. Information obtained from the Phase I Assessment portion of this report suggests that contamination has migrated onto the subject property from the Aratex facility next door. The compounds found in the soil and groundwater are consistent with those used in the laundry operation at Aratex, and also with those found in the soil and groundwater during testing at Aratex. The compounds found in the soil sample from Boring B-3 are typically associated with releases involving gasoline or diesel. The soil sample from this boring was obtained at a depth of five feet and was based

on a positive field-screening result. Given the relatively shallow depth of the contamination and the fact that the soil below this level did not appear to be contaminated, these results are most likely the result of surface contamination that leached into the subsurface.

If the subject site were reported to EPD under HSRA, we envision several possible outcomes. The first would be that the EPD would review our report along with prior data on the Aratex facility and accept the original ranking completed on the Aratex site, in which case no further work would be required on either site. The EPD could decide to re-evaluate the subject site and Aratex site based on a three mile well survey. In this case, if no drinking water wells are discovered, the Aratex site would remain on the non-HSI and the subject site would not be listed. On the other hand, if drinking water wells are discovered within a three mile radius, the Aratex site could be placed on the HSI and the subject site would be sublisted along with Aratex. Additionally, EPD could rank the Aratex site based on the soil pathway score since access to the Aratex facility is not restricted, indigent people were observed living in the Aratex building at the time of this assessment. In any case, should a decision be made to report the subject site under HSRA, the information on the Aratex facility should be submitted with any report to document that the contamination did not originate from the subject property.

9.0 ACKNOWLEDGMENT

QORE, Inc. appreciates the opportunity to provide this service. If you have questions or require additional assistance, please call us.

Sincerely yours,

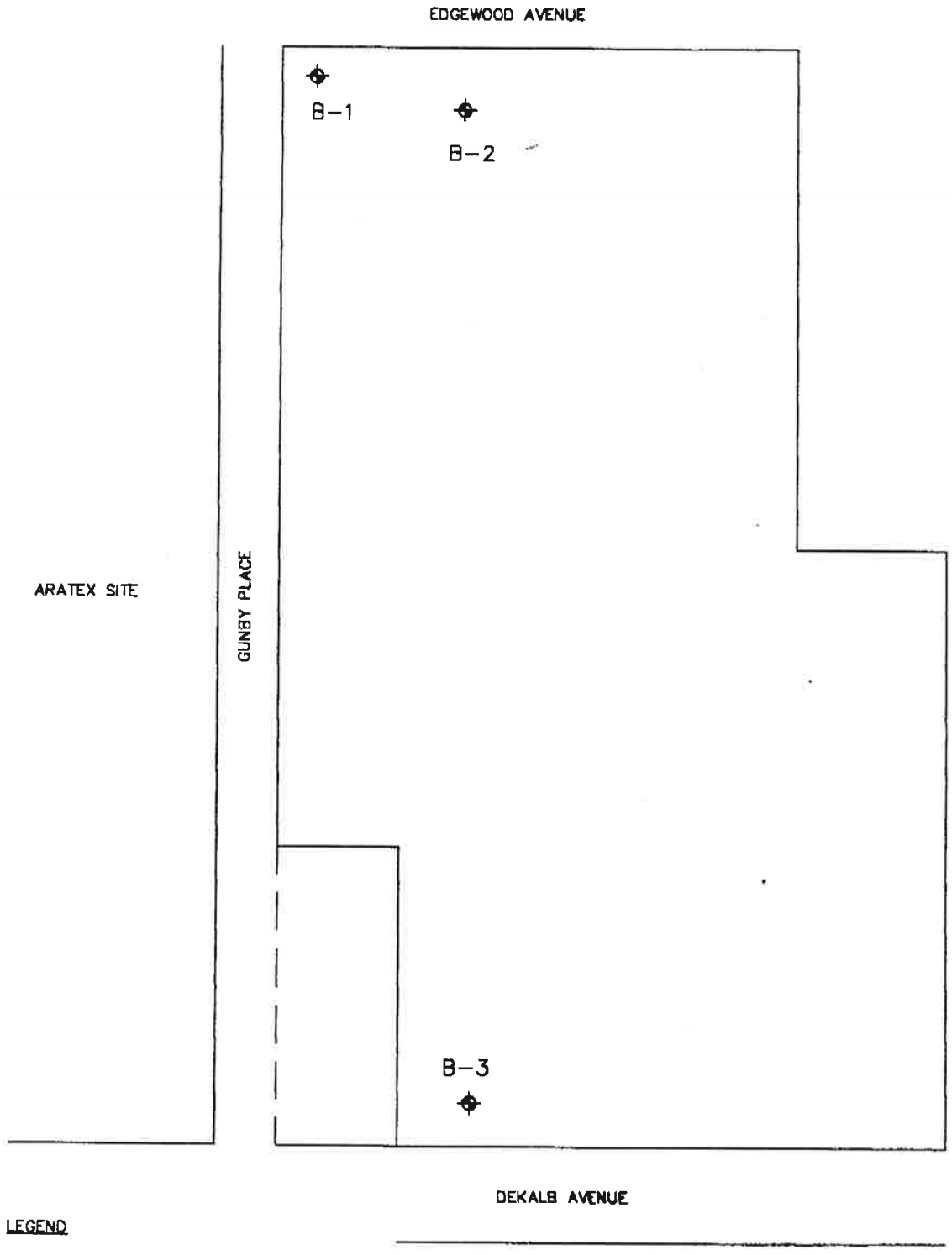
QORE, Inc.

Harold C. Marcone

Harold C. Marcone, CPSSc
Project Environmental Scientist

HCM/hm
Enclosures

cc: Mr. Douglas Henderson



LEGEND

BORING LOCATION

DATE:	CAD FILE:	DRAWN BY:	CHECKED BY:	VERT. SCALE:	HORZ. SCALE:	REPORT No.:	JOB No.:	PLATE No.:
11-9-99	690	AGT	HCM	N/A	1"=50'	149548	20561	2

QORE
PROPERTY SCIENCES

50' 0 50'
SCALE: 1"= 50'

BORING LOCATION PLAN
690
DEKALB AVENUE
DEKALB COUNTY, GEORGIA

ACL

ADVANCED CHEMISTRY LABS, INC.

Phone: (770) 409-1444
Fax: (770) 409-1844
Outside GA: (800) 277-0520

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P.O. Box 88610 • Atlanta, GA 30356
http://www.mindspring.com/~acl
e-mail: acl@mindspring.com

VOLATILE ORGANICS (5030B/8021B)

Client: Qore Property Sciences, Inc.
11420 Johns Creek Pkwy
Duluth, GA 30155

Client Project No: 20651 / DeKalb Ave
ACL Project No: 30230
Date Received: 09-28-99
Date Reported: 10-01-99

Contact: Mr. Harold Marcone

Sample ID:	B-1		B-2		B-3	
ACL Sample No:	145818		145819		145820	
Date Sampled:	09-28-99		09-28-99		09-28-99	
Date Extracted:	----		----		----	
Date Analyzed:	09-29-99		09-29-99		09-30-99	
Matrix:	Water		Water		Water	
Units:	µg/liter		µg/liter		µg/liter	
Analyst:	RP		RP		RP	
Compound	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Benzene	6.6	1.0	10	1.0	BDL	1.0
Bromodichloromethane	BDL	1.0	BDL	1.0	BDL	1.0
Bromoform	BDL	1.0	BDL	1.0	BDL	1.0
Bromomethane	BDL	2.0	BDL	2.0	BDL	2.0
Carbon tetrachloride	BDL	1.0	BDL	1.0	BDL	1.0
Chlorobenzene	BDL	1.0	3.3	1.0	BDL	1.0
Chloroethane	2.3	2.0	8.9	2.0	BDL	2.0
2-Chloroethylvinyl ether	BDL	1.0	BDL	1.0	BDL	1.0
Chloroform	BDL	1.0	BDL	1.0	BDL	1.0
Chloromethane	BDL	2.0	BDL	2.0	BDL	2.0
Dibromochloromethane	BDL	1.0	BDL	1.0	BDL	1.0
1,2-Dichlorobenzene	BDL	1.0	BDL	1.0	BDL	1.0
1,3-Dichlorobenzene	BDL	1.0	BDL	1.0	BDL	1.0
1,4-Dichlorobenzene	BDL	1.0	BDL	1.0	BDL	1.0
Dichlorodifluoromethane	BDL	2.0	BDL	2.0	BDL	2.0
1,1-Dichloroethane	BDL	1.0	BDL	1.0	BDL	1.0
1,2-Dichloroethane	BDL	1.0	BDL	1.0	BDL	1.0
1,1-Dichloroethene	8.2	1.0	15	1.0	BDL	1.0
cis-1,2-Dichloroethene	5000	1.0	13300	1.0	BDL	1.0
trans-1,2-Dichloroethene	80	1.0	98	1.0	BDL	1.0
1,2-Dichloropropane	BDL	1.0	BDL	1.0	BDL	1.0
cis-1,3-Dichloropropene	BDL	1.0	BDL	1.0	BDL	1.0
trans-1,3-Dichloropropene	BDL	1.0	BDL	1.0	BDL	1.0
Ethyl benzene	BDL	1.0	BDL	1.0	BDL	1.0
Methylene chloride	BDL	1.0	BDL	1.0	BDL	1.0
1,1,2,2-Tetrachloroethane	BDL	1.0	BDL	1.0	BDL	1.0
Tetrachloroethene	69	1.0	169	1.0	BDL	1.0
Toluene	BDL	1.0	1.3	1.0	BDL	1.0
1,1,1-Trichloroethane	BDL	1.0	BDL	1.0	BDL	1.0
1,1,2-Trichloroethane	BDL	1.0	BDL	1.0	BDL	1.0
Trichloroethene	269	1.0	289	1.0	BDL	1.0
Trichlorofluoromethane	BDL	1.0	BDL	1.0	BDL	1.0
Vinyl chloride	982	2.0	2090	2.0	BDL	2.0
Xylenes (total)	BDL	1.0	BDL	1.0	BDL	1.0

BDL = Below Detection Limit
J = Less Than Detection Limit, Approximate Value

John Andros, Lab Manager

ACL

ADVANCED CHEMISTRY LABS, INC.

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P.O. Box 88610 • Atlanta, GA 30356
http://www.mindspring.com/~acl
e-mail: acl@mindspring.com

VOLATILE ORGANICS (5035/8021B)

Client: Qore Property Sciences, Inc.
11420 Johns Creek Pkwy
Duluth, GA 30155

Client Project No: 20651 / DeKalb Ave
ACL Project No: 30230
Date Received: 09-28-99
Date Reported: 10-01-99

Contact: Mr. Harold Marcone

Sample ID:	B-1 (Soil)		B-2 (Soil)		B-3 (Soil)	
ACL Sample No:	145821		145822		145823	
Date Sampled:	09-28-99		09-28-99		09-28-99	
Date Extracted:	09-28-99		09-28-99		09-28-99	
Date Analyzed:	10-01-99		10-01-99		10-01-99	
Matrix:	Soil		Soil		Soil	
Units:	µg/kg		µg/kg		µg/kg	
Analyst:	RP		RP		RP	
Compound	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Benzene	BDL	5	BDL	5	BDL	5
Bromodichloromethane	BDL	5	BDL	5	BDL	5
Bromoform	BDL	5	BDL	5	BDL	5
Bromomethane	BDL	10	BDL	10	BDL	10
Carbon tetrachloride	BDL	5	BDL	5	BDL	5
Chlorobenzene	BDL	5	BDL	5	BDL	5
Chloroethane	BDL	10	BDL	10	BDL	10
2-Chloroethylvinyl ether	BDL	5	BDL	5	BDL	5
Chloroform	BDL	5	BDL	5	BDL	5
Chloromethane	BDL	10	BDL	10	BDL	10
Dibromochloromethane	BDL	5	BDL	5	BDL	5
1,2-Dichlorobenzene	BDL	5	BDL	5	BDL	5
1,3-Dichlorobenzene	BDL	5	BDL	5	BDL	5
1,4-Dichlorobenzene	BDL	5	BDL	5	BDL	5
Dichlorodifluoromethane	BDL	10	BDL	10	BDL	10
1,1-Dichloroethane	BDL	5	BDL	5	BDL	5
1,2-Dichloroethane	BDL	5	BDL	5	BDL	5
1,1-Dichloroethene	BDL	5	BDL	5	BDL	5
cis-1,2-Dichloroethene	34	5	334	5	BDL	5
trans-1,2-Dichloroethene	BDL	5	BDL	5	BDL	5
1,2-Dichloropropane	BDL	5	BDL	5	BDL	5
cis-1,3-Dichloropropene	BDL	5	BDL	5	BDL	5
trans-1,3-Dichloropropene	BDL	5	BDL	5	BDL	5
Ethyl benzene	BDL	5	BDL	5	7	5
Methylene chloride	BDL	5	BDL	5	BDL	5
1,1,2,2-Tetrachloroethane	BDL	5	BDL	5	BDL	5
Tetrachloroethene	BDL	5	BDL	5	BDL	5
Toluene	BDL	5	57	5	6	5
1,1,1-Trichloroethane	BDL	5	BDL	5	BDL	5
1,1,2-Trichloroethane	BDL	5	BDL	5	BDL	5
Trichloroethene	BDL	5	52	5	BDL	5
Trichlorofluoromethane	BDL	5	BDL	5	BDL	5
Vinyl chloride	BDL	10	109	10	BDL	10
Xylenes (total)	BDL	5	BDL	5	19	5

BDL = Below Detection Limit
J = Less Than Detection Limit, Approximate Value

ACL

ADVANCED CHEMISTRY LABS, INC.

3039 Amwiler Road • Suite 100 • Atlanta, GA 30360 ■ P. O. Box 88610 • Atlanta, GA 30356 ■ (770) 409-1444 • Fax (770) 409-1944

CHAIN-OF CUSTODY RECORD AND ANALYSIS REQUEST

Company Name: QORE

Phone #: 7-476-3555

Fax #: 7-476-8930

Company Address: Duluth

Site Location: Atlanta

Project Manager: Harold Marcone

Client Project: (#) 20651

(Name) Dekalb Ave site

I attest that the proper field sampling procedures were used during the collection of these samples.

Sampler Name (Print): HAROLD C. MARCONE

ANALYSIS REQUEST

Field Sample ID	# Container	Matrix: Water	Soil	Air	Sludge	Product	Other	Method Preserved: HCl	HNO_3	H_2SO_4	Ice	None	Other	Sampling: Date	Time	VOC 8021 B	Remarks
B-1	5	x	x											9/28	11:00	x	72 Hour
B-2	5	x	x											↓	12:00	x	
B-3	5	x	x												1:30	x	

Special Detection Limits

Remarks:

Special Reporting Requirements

Fax ☐

Lab Use Only:

ACL Project #: 30230

Cooler Temp. 1.0 °C

TAT: Priority (24 hr) ☐ Rush (48 hr) ☐ Rush (72 hr) ☒ Normal ☐

Special Handling: ACL Contact ____ Quote # ____ P. O. ____

QA/QC Level: Level 1 ☐ Level 2 ☐ Other ☐ ____

CUSTODY RECORD

Relinquished by:	Date	Time	Received by:
Harold C. Marcone	9/28	14:20	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Waybill #

ATTACHMENT D

2013 Monitoring Well Installation and Construction Logs

ARAMARK DEKALB
SONIC WELL INSTALLATION & DEVELOPMENT

OBJECTIVES

The facility's existing monitoring well network was expanded on May 22, 2013, with the installation of one deep (MW-214) and four shallow (MW-210, -211, -212, -213) residuum monitoring wells. The wells were installed as replacements for previously existing wells, which were either destroyed and/or abandoned as part of the past soil remedial activities.

Monitoring wells MW-210 and MW-211 were installed on the 690 DeKalb Avenue property. MW-210 was installed to replace missing well MW-108 while MW-211 was installed south of abandoned well MW-207.

Monitoring wells MW-212, -213, and -214 were installed on the 670 DeKalb Avenue property. Monitoring well cluster MW-213/214 replaces abandoned well cluster MW-103/103D while MW-212 replaces abandoned wells MW-101 and MW-303.

The residuum monitoring wells were installed per U.S. EPA Region 4 SESD Guidance Document *Design and Installation of Monitoring Wells* (effective date: January 29, 2013). All field activities were performed under the supervision of a Georgia-licensed Professional Geologist (Georgia P.G.) as well as documented in bound notebooks.

WELL INSTALLATION

Sonic well drilling and well installation activities were performed by Southern Sonic Solutions, of Aiken, South Carolina. The work was performed using a TSi 150T Sonic Rig and support truck.

Borehole Drilling

The sonic drilling procedure included the use of a double cased system to install the residuum boreholes. Consequently, the boring is continuously cased, preventing borehole collapse and/or downhole sample contamination. Continuous soil samples were collected for lithological characterization directly from the 4-inch-diameter inner core barrel, which was advanced (vibrated downward) at 10-feet intervals to their desired depth. The borehole diameter was enlarged using a 6-inch-diameter override casing, which was advanced over the 4-inch-diameter core-barrel. Soil cores were obtained from the inner core barrel, which was extracted from the override casing. IDW (soil cores) generated from the drilling activities were contained in 55-gallon drums pending final off-site disposal.

Well Installation

Each monitoring well was constructed through the 6-inch-diameter override casing following the removal of the inner core barrel. Deep residuum monitoring well MW-214 was installed to a depth of 74.5 feet below ground surface. The remaining four shallower wells were constructed (top of screen) at

or near the water table to depths ranging from 17.5 to 23 feet below ground surface. Well construction materials were as follows:

- Pre-cleaned two-inch-diameter schedule 40 polyvinyl chloride (PVC) riser and screen (10 feet of 0.010-inch slot screen).
- 20–30 mesh silica sand was installed from the base of the borehole to approximately 2.0 feet above the top of the well screen.
- High-grade bentonite pellets were installed atop the sand pack and allowed to hydrate.
- Portland Type I cement plus 5% high-grade bentonite slurry was placed from the top of the bentonite plug to within 1 foot of the ground surface.
- Metal protective well covers consisted of either (a) 4-inch by 4-inch metal stick-up cover or (b) 8-inch-diameter flush-mounted well vault. Each protective cover was completed within a 2-foot by 2-foot by 4-inch concrete pad and sealed with a pressure cap and lock.

WELL DEVELOPMENT

Monitoring well development was completed in May 2013. Development activities included both surging and evacuation of groundwater from each well. Well surging was implemented to extract fines (silts and clays) from the sand pack as well as to increase flow to the well. The evacuation (pumping) of the wells allowed for the removal of fines as well as any water introduced to the well during its construction.

A 2-inch-diameter PVC surges-block, attached to an adequate length of 1-inch PVC pipe, was used to surge the 10-feet screen interval for each residuum well. The wells were surged for a minimum of 15 to 20 minutes prior to evacuation. This procedure was repeated as needed. A stainless-steel submersible Grundfos Redi-Flow2 Pump® and/or Hurricane® Pump were used to evacuate the turbid formation water from each well.

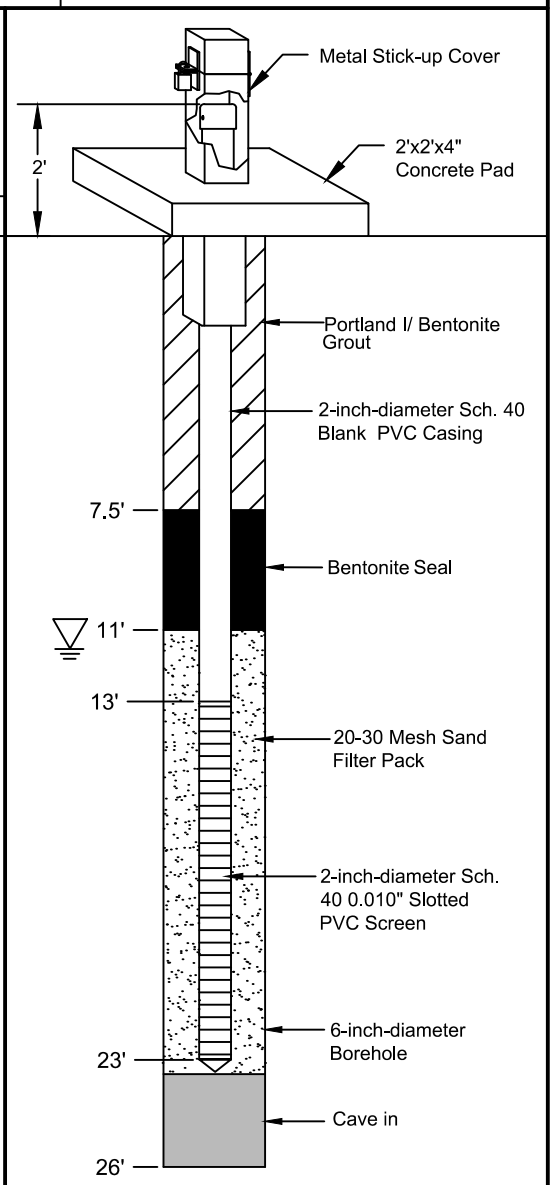
IDW generated from the evacuation of the monitoring wells was contained in 55-gallon drums pending final off-site disposal.

Monitoring Well Construction Logs

Monitoring Well MW-210

Project: ***ARAMARK - DeKalb***	Drill Rig: ***Tsi-150 T Sonic Rig***	Top of Casing Elevation: ***1016.28***
Date: ***May 22, 2013***	Driller: ***Southeast Sonic Solutions***	Initial Groundwater Depth: ***11.0 Ft Bbs***
Logged By: ***Tony Gordon, PG***	Hole Diameter: ***6-inch***	Final Groundwater Depth: ***13.56 Ft. TOC***

Description	USCS Class	Graphic Log	Depth	Sample Interval	Blows / 6"
Concrete, Gravel, Paving			0		
Red-brown, brown , silty sand, trace gravel, non-plastic, moist (fill).	SM		2		
Red-brown, dark-gray-black, clayey silt, trace-little very fine sand, trace glass fragments, very low plasticity (fill).	ML/ CL		4		
Dark-gray, clayey-silt and fine-course sand, trace gravel, trace burnt wood fragments, low plasticity , moist (fill).	CL/ SC		6, 8		
Red-brown, brown, light gray, mottled, silty clay, little-some fine-medium sand , low-medium plasticity, very moist/wet (no odor).	CL/ SC		10, 12, 14, 16		
Gray, orange-brown, silty fine-course sand, trace gravel (weathered rock) trace clay, trace mica, wet (no odor), non-plastic , wet (no odor).	SM		18, 20, 22		
Tan-brown, white, light gray, silty fine-course sand, trace-little weathered rock fragments (granitic texture), no odor.	SM/ GW		24		
Terminate boring hole : 26 Ft. BGS.			26, 28, 30, 32, 34, 36, 38, 40		



AEM Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta Georgia 30345
Telephone: (404) 329-9006 • Fax: (404) 329-2057

Notes:
1. USCS = Unified Soil Classification System.
2. Groudwater measured from top casing (TOC).
3. BGS- below ground surface.

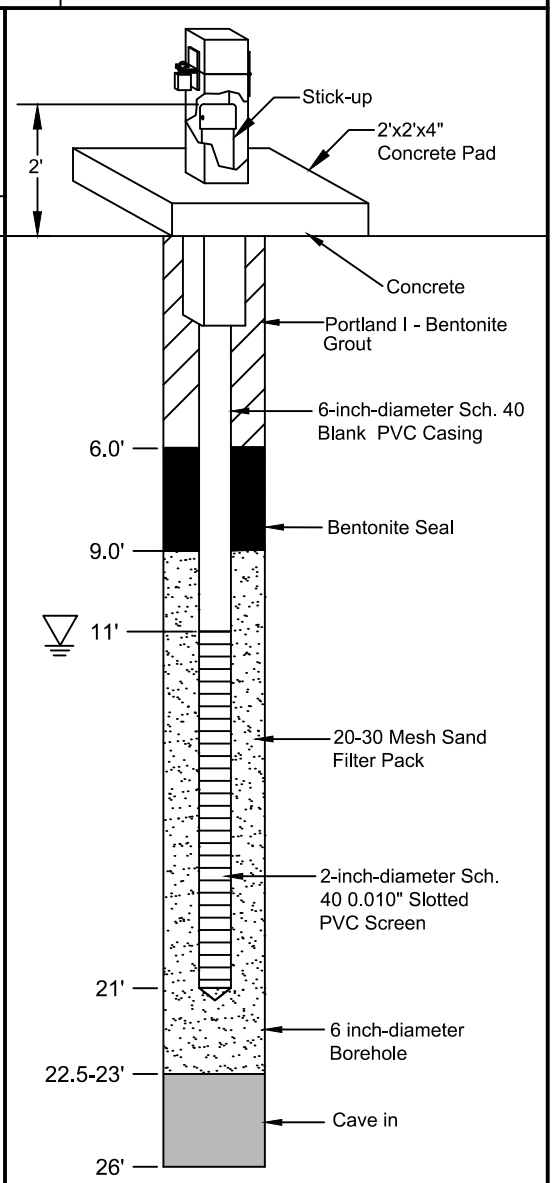
File name: C:\Users\Tom Longo\appdata\local\temp\AcPublish_5876\wellLogs1.dwg Plot Date: 5/28/2013 11:57 am

Project No. ***1133-1303-1***

Monitoring Well MW-211

Project: ***ARAMARK - DeKalb***	Drill Rig: ***Tsi-150 T Sonic Rig***	Top of Casing Elevation: ***1016.37***
Date: ***May 22, 2013***	Driller: ***Southeast Sonic Solutions***	Initial Groundwater Depth: ***8.30 Ft Bbs***
Logged By: ***Tony Gordon, PG***	Hole Diameter: ***6-inch***	Final Groundwater Depth: ***13.21 Ft. TOC***

Description	USCS Class	Graphic Log	Depth	Sample Interval	Blows / 6"
Concrete, gravel paving			0		
Red-brown, brown, gray, silty clay, little fine-course sand, trace debris (red brick fragments, burnt wood) , low plasticity, moist (fill).	CL		2, 4		
Dark-gray , black, silty fine-course sand, trace clay, abundant debris (red brick fragments, rocks and glass fragments) , non-plastic, moist (fill).	SM		6, 8		
Red-brown , silty clay and fine-medium sand, low-medium plasticity, very moist/wet (no odor).	CL/ SC		10, 12, 14		
Tan-brown, light gray, orange-brown, mottled silty clay, trace-little fine sand, medium plasticity, very moist/wet (no odor), "saporlite" (% sand increases with depth).	CL/ CH		16, 18, 20, 22		
Gray, very silty fine-course sand, banded relic formation, very micaceous, non-plastic , wet.	SM		24		
Terminate Borehole: 26 Ft. BGS.			26, 28, 30, 32, 34, 36, 38, 40		



AEM Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services

2580 Northeast Expressway • Atlanta Georgia 30345
Telephone: (404) 329-9006 • Fax: (404) 329-2057

Notes:

1. USCS = Unified Soil Classification System.
2. Groudwater measured from top casing (TOC).
3. BGS- below ground surface.

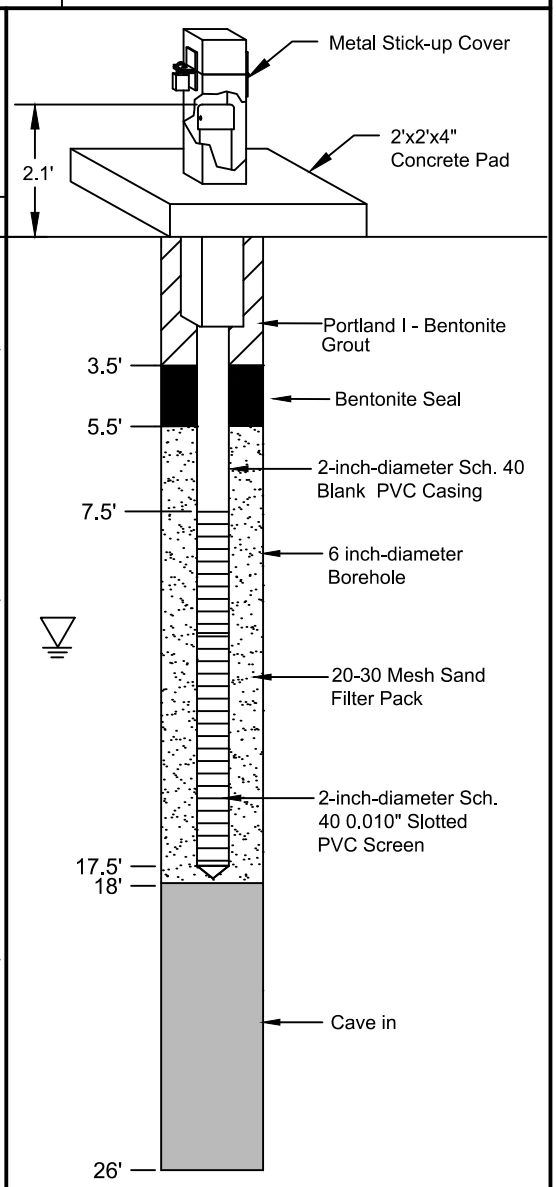
File name: C:\Users\Tom Longo\appdata\local\temp\AcPublish_5876\2118g.dwg Plot Date: May 22, 2013 - 10:57 am

Project No. ***1133-1303-1***

Monitoring Well MW-212

Project: ***ARAMARK - DeKalb***	Drill Rig: ***Tsi-150 T Sonic Rig***	Top of Casing Elevation: ***1014.06***
Date: ***May 22, 2013***	Driller: ***Southeast Sonic Solutions***	Initial Groundwater Depth: ***7.00 Ft. BGS***
Logged By: ***Tony Gordon, PG***	Hole Diameter: ***6-inch***	Final Groundwater Depth: ***10.19 Ft. TOC***

Description	USCS Class	Graphic Log	Depth	Sample Interval	Blows / 6"
Red-brown, clayey silt, trace-little fine sand, micaceous, non-plastic, moist (fill) (back fill).	ML		0, 2		NA
Red-brown, silty-clay, trace-little fine sand, low-plasticity, micaceous, very moist (backfill) " black plastic at 6' BGS".	CL		4		
Red-brown, silty clay, little-some fine-medium sand, low-medium plasticity, wet.	CL/ SC		6, 8, 10, 12		NA
Red-brown, brown, light gray, mottled sitly-clayey fine-medium sand, low plastcity "saprolite".	SM/ SC		14, 16		
Tan-brown, light gray, white, purple (KMn04), mottled, very silty fine-course sand, trace clay with seams of fine-course sand and weathered rock fragments, granitic-texture , wet "saprolite".	SM/ GW		18, 20, 22, 24		NA
Terminate borehole : 26 Ft. BGS			26, 28, 30, 32, 34, 36, 38, 40		



AEM Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta Georgia 30345
Telephone: (404) 329-9006 • Fax: (404) 329-2057

Notes:
1. USCS = Unified Soil Classification System.
2. Groudwater measured from top casing (TOC).
3. BGS- below ground surface.

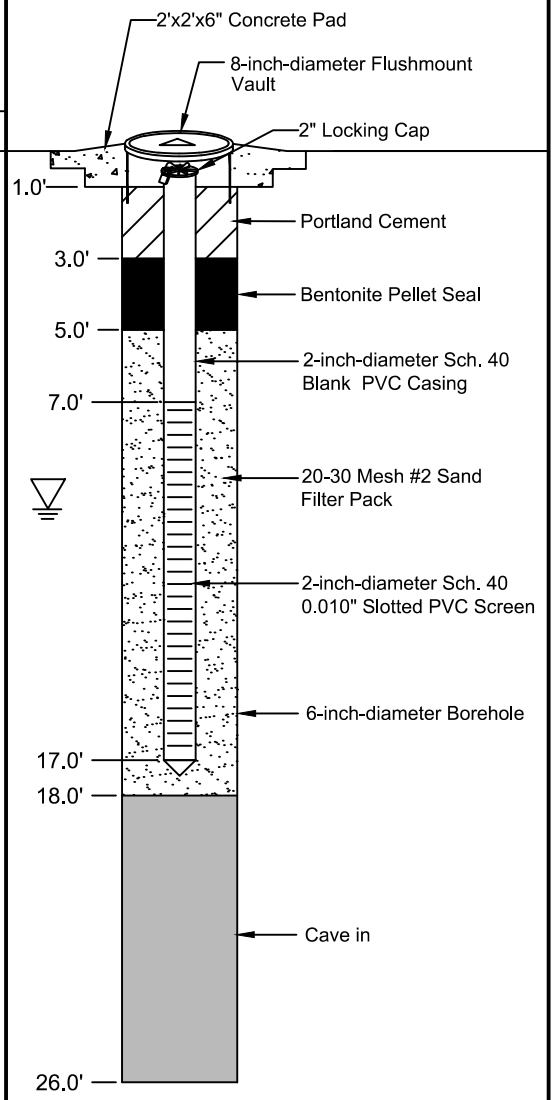
File name: C:\Users\Tom Longo\appdata\local\temp\AcPublish_5876\2013s1.dwg Plot Date: 5/28/2013 10:57 am

Project No. ***1133-1303-1***

Monitoring Well MW-213

Project: ***ARAMARK - DeKalb***	Drill Rig: ***Tsi-150 T Sonic Rig***	Top of Casing Elevation: ***Pending***
Date: ***May 22, 2013***	Driller: ***Southeast Sonic Solutions***	Initial Groundwater Depth: ***6.99 Ft. BGS***
Logged By: ***Tony Gordon, PG***	Hole Diameter: ***6-inch***	Final Groundwater Depth: ***6.97 Ft. BGS***

Description	USCS Class	Graphic Log	Depth	Sample Interval	Blows / 6"
Red-brown, clayey-silt, little-some fine-medium sand , trace gravel, micaeous, non-plastic (no odor) (backfill).	ML/ SM		0 – 2		
Red-brown, brown, silty clay and fine-medium sand, trace-little gravel, low-plasticity, very moist (no odor) (backfill) @ 7.0' wet.	CL/ SC		4 – 10		
Tan-brown, gray, orange-brown, white, light-gray, mottled silty fine-course sand, trace rock fragments, trace clay, granitic-textured banding, micaceous, wet " saprolite".	SM		12 – 14		
Tan-brown, gray, orange-brown, silt, trace-little fine sand, trace clay, very micaceous, wet (no odor) " saprolite"	ML		16 – 26		
Terminate borehole: 26 Ft. BGS.			28 – 40		



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Notes:
1. USCS = Unified Soil Classification System.
2. Groudwater measured from top casing (TOC).
3. BGS- below ground surface.

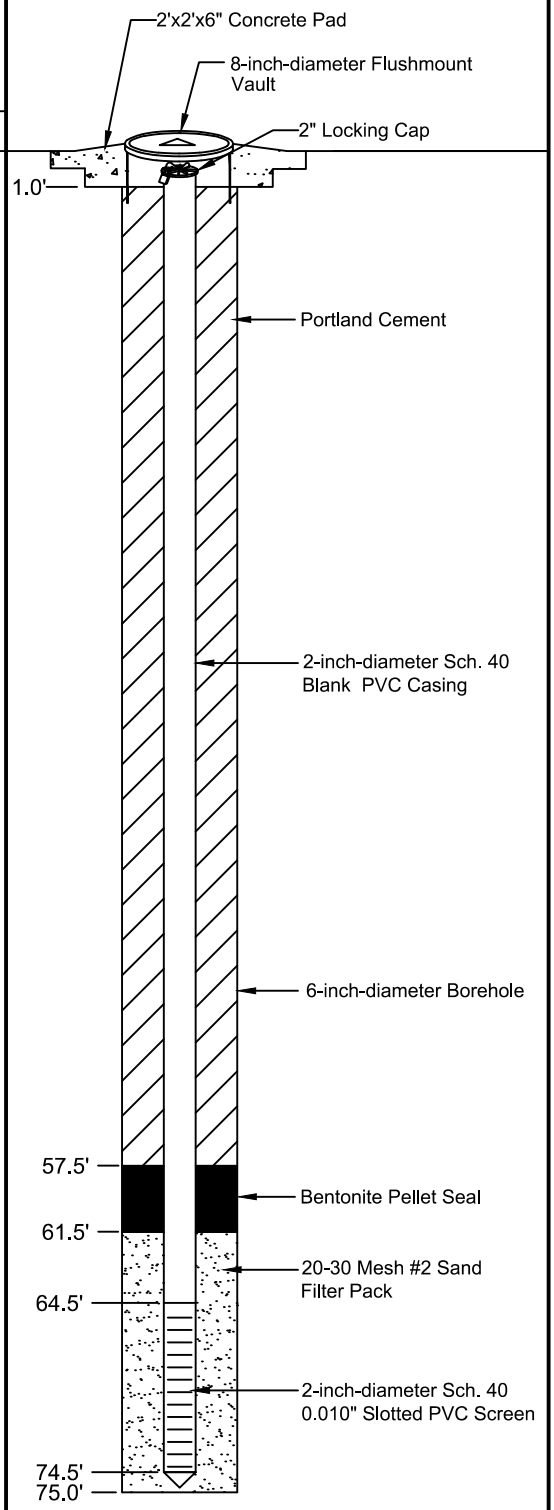
File name: C:\Users\Tom Longo\appdata\local\temp\AcPublish_5876\wellLogs.dwg Plot Date: 11-Dec-2013 11:57 am

Project No. ***1133-1303-1***

Monitoring Well MW-214

Project: ***ARAMARK - DeKalb***	Drill Rig: ***Tsi-150 T Sonic Rig***	Top of Casing Elevation: ***1012.34***
Date: ***May 22, 2013***	Driller: ***Southeast Sonic Solutions***	Initial Groundwater Depth: ***NA***
Logged By: ***Tony Gordon, PG***	Hole Diameter: ***6-inch***	Final Groundwater Depth: ***8.89 Ft BGS***

Description	USCS Class	Graphic Log	Depth	Sample Interval	Blows / 6"
See well construction log MW 213 for lithographic description.			0, 4, 8, 12, 16, 20, 24		
Tan-brown, gray, orange-brown, silt, trace-little fine sand, trace clay, very micaceous, wet (no odor).	ML		28		
Gray-brown, brown, pink (KMnO4), silt, trace-little very find sand, trace clay, very micaceous, non-plastic, banded texture (ML). Interlayered with seams of fine-course sand and gravel (Qtz/gneiss fragments) GW.	ML/ GW		32		
Gray-brown, pink (KMnO4), brown, silt and fins sand, very micaceous, wet (no odor).	SM		36		
Gray, tan-brown, white, banded, silt, little-some very fine sand, very micaeous, non-plastic (SM/ML). Interlayered with fine-course sand seams (SW).	SM/ ML (SV)		40		
Gray, tan-brown, mottled silty and fine-course sand, trace clay, foliated-texture, with seams of fine-course sand and weathered rock fragments (gneissic rock), GW	SM/ GW		44, 48, 52, 56, 60, 64		
Gray, light-gray, silt and fine-course sand, little-some weathered rock fragments, trace clay, very micaceous, wet.	SM/ GW		68		
Gray, weathered Biotite Gneiss interbedded with large quartz and feldspar crystals (weathered rock), wet.	Rock		72		
Terminate borehole: 75 Ft. BGS (weathered Gneiss).			76, 80		



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Notes:
1. USCS = Unified Soil Classification System.
2. Groudwater measured from top casing (TOC).
3. BGS- below ground surface.

File name: C:\Users\Tom Longo\appdata\local\temp\AcPublish_5876\mw213-214.dwg Plot Date: 5/23/2013 11:57 am

Project No. ***1133-1303-1***

ATTACHMENT E

June 2013 Groundwater Sampling Forms and Laboratory Analytical Reports

AEM Groundwater Sampling Field Log

AEM Project: Aramark-Dekalb Ave AEM Job No.: 1133-1303-1 Well No.: MW-210

Sampling Personnel: Chad Crumbley Date: 6/3/13

Comments: Time In: 1015 Time Out: 1210

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 17.56 feet below T.O.C. Well Depth: 25.34 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 11.78 ft

1 Well Volume= 1.88 gal

3 Well Volume= 5.65 gal

Total Purged: 5.75 gal

Well Purge Dry (?): yes/(no)

Purge Method (check):	Low Flow-Low Stress	Micro-purge

Purge Start Time: 1046

Purge End Time: 1201

Total Time: 105 min

Purge Rate: .09 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P.7

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 812

Calibration Date/Time: 6/3/13 1025

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1112	1.5	22.4	590	6.95	—	—	25.2	16.25
1130	3.5	22.1	571	6.93	—	—	9.88	19.21
1142	4.5	22.3	580	6.91	—	—	9.20	19.93
1155	5.5	22.8	585	6.93	—	—	8.29	20.12
1201	5.75	22.3	596	6.88	—	—	9.11	20.50
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~21.00 feet below T.O.C Final Groundwater Depth(if applic. 20.50 feet below T.O.C

Final Sample Turbidity: 9.11 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-210	~~Select~~ VOCs (~~8260B~~)*	40-mL Glass VOA Vial	2	HCL	1205

Sample Laboratory (circle): ACL/(Xenco)/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Aramark-Dekalb Ave AEM Job No.: 1133-1303-1 Well No.: MW-211

Sampling Personnel: Chad Crumbley Date: 6/4/13

Comments: Time In: 1038 Time Out: 1220

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 13.21 feet below T.O.C. Well Depth: 23.26 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 10.05 ft

1 Well Volume= 1.61 gal

3 Well Volume= 4.82 gal

Total Purged: 6.25 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

Purge Start Time: 1041

Purge End Time: 1206

Total Time: 84 min

Purge Rate: .07 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 Lamotte 2020 ID#'s 8/2

Calibration Date/Time: 6/4/13 0838

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1056	1.5	24.0	693	6.89	—	—	79.80	15.15
1110	2.5	23.8	682	6.55	—	—	63.69	18.25
1129	3.5	23.6	671	6.59	—	—	50.50	18.88
1138	4.5	23.8	678	6.49	—	—	39.25	19.01
1146	5.0	24.2	680	6.51	—	—	85.12	19.09
1158	5.75	24.3	683	6.54	—	—	17.17	19.09
1206	6.25	24.0	689	6.59	—	—	16.23	19.09
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~19.50 feet below T.O.C Final Groundwater Depth (if applic.) 19.09 feet below T.O.C

Final Sample Turbidity: 16.23 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments: Unable to get purged water under 10 NTU. Sample taken at 16.23 NTU.

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-24	~~Select VOCs (8260B)*~~	40-mL Glass VOA Vial	2	HCL	1210

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Aramark-Dekalb Ave AEM Job No.: 1133-1303-1 Well No.: MW-2/2

Sampling Personnel: Chad Crumbley Date: 6/3/13

Comments: Time In: 1340 Time Out:

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 10.18 feet below T.O.C. Well Depth: 19.93 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 9.75 ft

1 Well Volume= 1.56 gal

3 Well Volume= 4.68 gal

Total Purged: 5.0 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): Low Flow-Low Stress | Micro-purge

Purge Start Time: 1344

Purge End Time: 1450

Total Time: 66 min

Purge Rate: .07 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon (Teflon-Lined Poly) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 8/2

Calibration Date/Time: 6/3/13 1025

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1405	2.0	24.8	611	5.98	—	—	30.3	12.11
1424	3.0	24.3	5.89	5.93	—	—	22.51	13.14
1439	4.0	24.1	5.72	5.82	—	—	16.19	14.59
1445	5.0	24.4	5.78	5.88	—	—	13.92	14.69
1450	5.5	24.6	5.79	5.85	—	—	8.25	14.99
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~ 15.50 feet below T.O.C Final Groundwater Depth(if applic. 14.99 feet below T.O.C

Final Sample Turbidity: 8.25 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-2/2	~~Select VOCs (8260B)*~~	40-mL Glass VOA Vial	2	HCL	1455

Sample Laboratory (circle): ACL/(Xenco)/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Aramark-Dekalb Ave AEM Job No.: 1133-1303-1 Well No.: MW-213

Sampling Personnel: Chad Crumbley Date: 6/3/13

Comments: Time In: 1215 Time Out: 1335

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 10.29 feet below T.O.C. Well Depth: 20.20 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 9.91 ft

1 Well Volume= 1.59 gal

3 Well Volume= 4.76 gal

Total Purged: 5.00 gal

Well Purge Dry (?): yes (no)

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1217

Purge End Time: 1322

Total Time: 65 min

Purge Rate: .08 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon (Teflon-Lined Poly) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 8/2

Calibration Date/Time: 6/3/13 1025

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1244	2.0	22.6	611	6.24	—	—	31.00	13.00
1259	3.0	22.3	591	5.91	—	—	23.21	14.44
1312	4.0	22.1	589	5.92	—	—	19.19	15.50
1317	4.5	22.6	581	5.93	—	—	15.28	17.23
1322	5.0	22.5	579	5.85	—	—	9.93	18.26
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~19.00 feet below T.O.C Final Groundwater Depth (if applic. 18.26 feet below T.O.C

Final Sample Turbidity: 9.53 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-213	~~Select~~ VOCs ~~(8260B)~~	40-mL Glass VOA Vial	2	HCL	1325

Sample Laboratory (circle): ACL/(Xenco)/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Aramark-Dekalb Ave AEM Job No.: 1133-1303-1 Well No.: MW-214

Sampling Personnel: Chad Crumbley Date: 6/4/13

Comments: Time In: 0905 Time Out: 1035

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 10.95 feet below T.O.C. Well Depth: 76.49 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 65.64 ft

1 Well Volume= 10.50 gal

3 Well Volume= 31.50 gal

Total Purged: 33.25 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): ✓ Low Flow-Low Stress Micro-purge

Purge Start Time: 0917

Purge End Time: 1020

Total Time: 63 min

Purge Rate: .50 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: (Grundfos) Peri. ID# P-2

Pump Tubing Type: Teflon (Teflon-Lined Poly) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 8/2

Calibration Date/Time: 6/4/13 0828

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0929	8.00	23.8	555	6.19	—	—	28.21	18.78
0937	15.00	24.2	539	7.28	—	—	39.91	25.80
0945	20.00	24.1	549	7.11	—	—	20.11	28.89
1008	25.00	24.4	538	7.20	—	—	15.17	29.96
1019	28.00	24.5	540	7.15	—	—	7.79	30.02
1020	33.25	24.8	547	7.12		—	7.93	30.02
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method (Pump Tubing) Vacuum Jug Other

Final Tubing/Pump Depth: ~ 35.00 feet below T.O.C Final Groundwater Depth (if applic.) 30.02 feet below T.O.C

Final Sample Turbidity: 7.93 NTUs Ferrous Iron Concentration (if sampled): mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-214	~~Select~~ VOCs (8260B)*	40-mL Glass VOA Vial	2	HCL	1024

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

FLORIDA DEPARTMENT OF

HEALTH

State of Florida
Department of Health, Bureau of Laboratories

This is to certify that

E87429

XENCO LABORATORIES - ATLANTA
6017 FINANCIAL DRIVE
NORCROSS, GA 30071

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2012 Expiration Date: June 30, 2013

Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E87429-27-07/01/2012
Supersedes all previously issued certificates

Analytical Report 464442

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1303-1

13-JUN-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

13-JUN-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **464442**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 464442. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 464442 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-210	W	06-03-13 12:05		464442-001
MW-213	W	06-03-13 13:25		464442-002
MW-212	W	06-03-13 14:55		464442-003
Trip Blank	W	06-03-13 00:00		464442-004
MW-214	W	06-04-13 10:24		464442-005
MW-211	W	06-04-13 12:10		464442-006

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-915656 VOCs by SW-846 8260B
SW8260B_ATL

Batch 915656, Methylene chloride recovered above QC limits in the Blank Spike Duplicate.
Samples affected are: 464442-003, -005, -006, -004.

SW8260B_ATL

Batch 915656, Benzene, Cyclohexane, Isopropylbenzene, Methylcyclohexane recovered below QC limits in the Matrix Spike Duplicate.
Samples affected are: 464442-003, -005, -006, -004.
The Laboratory Control Sample for Methylcyclohexane, Isopropylbenzene , Benzene, Cyclohexane is within laboratory Control Limits

SW8260B_ATL

Batch 915656, 2-Butanone (MEK) RPD was outside laboratory control limits.
Samples affected are: 464442-003, -005, -006, -004

Hits Summary 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-213**
Lab Sample Id :464442-002

Matrix : Water
Date Collected :06.03.13 13.25
Date Received :06.04.13 13.58

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 915512

Prep Method: SW5030B
Date Prep: 06.05.13 07.49

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	140	ug/L	06.05.13 16.36		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 915512

Prep Method: SW5030B
Date Prep: 06.06.13 09.47

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	330	ug/L	06.06.13 20.28	D	10
Tetrachloroethene	127-18-4	720	ug/L	06.06.13 20.28	D	10

Hits Summary 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-212** Matrix : Water % Moisture :

Lab Sample Id :464442-003 Date Collected :06.03.13 14.55

Date Received :06.04.13 13.58

Analytical Method : VOCs by SW-846 8260B Prep Method: SW5030B

Seq Number 915656 Date Prep: 06.06.13 11.06

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
2-Butanone (MEK)	78-93-3	270	ug/L	06.06.13 15.37		1
cis-1,2-Dichloroethene	156-59-2	77	ug/L	06.06.13 15.37		1
Tetrachloroethene	127-18-4	160	ug/L	06.06.13 15.37		1
Trichloroethene	79-01-6	21	ug/L	06.06.13 15.37		1
Vinyl chloride	75-01-4	5.7	ug/L	06.06.13 15.37		1

Analytical Method : VOCs by SW-846 8260B Prep Method: SW5030B

Seq Number 915656 Date Prep: 06.11.13 07.04

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	620	ug/L	06.11.13 12.18	D	10

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-210** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-001 Date Collected: 06.03.13 12.05

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: BAT Date Prep: 06.05.13 07.49

Seq Number: 915512

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.05.13 16.09	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	06.05.13 16.09	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	06.05.13 16.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.05.13 16.09	U	1
Acetone	67-64-1	BRL	50	ug/L	06.05.13 16.09	U	1
Benzene	71-43-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.05.13 16.09	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.05.13 16.09	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.05.13 16.09	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.05.13 16.09	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.05.13 16.09	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.05.13 16.09	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.05.13 16.09	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.05.13 16.09	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.05.13 16.09	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.05.13 16.09	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.05.13 16.09	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-210** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-001 Date Collected: 06.03.13 12.05

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: BAT Date Prep: 06.05.13 07.49

Seq Number: 915512

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.05.13 16.09	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.05.13 16.09	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.05.13 16.09	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
Toluene	108-88-3	BRL	5.0	ug/L	06.05.13 16.09	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.05.13 16.09	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.05.13 16.09	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	06.05.13 16.09	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.05.13 16.09	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	06.05.13 16.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	06.05.13 16.09	
4-Bromofluorobenzene	460-00-4	98	%	30-186	06.05.13 16.09	
Toluene-D8	2037-26-5	102	%	70-130	06.05.13 16.09	

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-213** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-002 Date Collected: 06.03.13 13.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: BAT Date Prep: 06.05.13 07.49

Seq Number: 915512

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.05.13 16.36	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	06.05.13 16.36	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	06.05.13 16.36	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.05.13 16.36	U	1
Acetone	67-64-1	BRL	50	ug/L	06.05.13 16.36	U	1
Benzene	71-43-2	BRL	5.0	ug/L	06.05.13 16.36	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.05.13 16.36	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.05.13 16.36	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.05.13 16.36	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.05.13 16.36	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.05.13 16.36	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.05.13 16.36	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.05.13 16.36	U	1
cis-1,2-Dichloroethene	156-59-2	**330**	50	ug/L	06.06.13 20.28	D	10
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.05.13 16.36	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.05.13 16.36	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.05.13 16.36	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.05.13 16.36	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.05.13 16.36	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-213** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-002 Date Collected: 06.03.13 13.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: BAT Date Prep: 06.05.13 07.49

Seq Number: 915512

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.05.13 16.36	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.05.13 16.36	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.05.13 16.36	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.05.13 16.36	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
Tetrachloroethene	127-18-4	**720**	50	ug/L	06.06.13 20.28	D	10
Toluene	108-88-3	BRL	5.0	ug/L	06.05.13 16.36	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.05.13 16.36	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.05.13 16.36	U	1
Trichloroethene	79-01-6	**140**	5.0	ug/L	06.05.13 16.36		1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.05.13 16.36	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	06.05.13 16.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	06.05.13 16.36	
4-Bromofluorobenzene	460-00-4	100	%	30-186	06.05.13 16.36	
Toluene-D8	2037-26-5	102	%	70-130	06.05.13 16.36	

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-003 Date Collected: 06.03.13 14.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.06.13 15.37	U	1
2-Butanone (MEK)	78-93-3	**270**	50	ug/L	06.06.13 15.37		1
2-Hexanone	591-78-6	BRL	50	ug/L	06.06.13 15.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.06.13 15.37	U	1
Acetone	67-64-1	**620**	500	ug/L	06.11.13 12.18	D	10
Benzene	71-43-2	BRL	5.0	ug/L	06.06.13 15.37	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.06.13 15.37	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.06.13 15.37	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.06.13 15.37	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.06.13 15.37	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.06.13 15.37	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.06.13 15.37	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.06.13 15.37	U	1
cis-1,2-Dichloroethene	156-59-2	**77**	5.0	ug/L	06.06.13 15.37		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.06.13 15.37	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.06.13 15.37	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.06.13 15.37	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.06.13 15.37	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.06.13 15.37	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-003 Date Collected: 06.03.13 14.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.06.13 15.37	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.06.13 15.37	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.06.13 15.37	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.06.13 15.37	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
Tetrachloroethene	127-18-4	**160**	5.0	ug/L	06.06.13 15.37		1
Toluene	108-88-3	BRL	5.0	ug/L	06.06.13 15.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.06.13 15.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.06.13 15.37	U	1
Trichloroethene	79-01-6	**21**	5.0	ug/L	06.06.13 15.37		1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.06.13 15.37	U	1
Vinyl chloride	75-01-4	**5.7**	2.0	ug/L	06.06.13 15.37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	53-159	06.06.13 15.37	
4-Bromofluorobenzene	460-00-4	94	%	30-186	06.06.13 15.37	
Toluene-D8	2037-26-5	92	%	70-130	06.06.13 15.37	

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-004 Date Collected: 06.03.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.06.13 15.10	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	06.06.13 15.10	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	06.06.13 15.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.06.13 15.10	U	1
Acetone	67-64-1	BRL	50	ug/L	06.06.13 15.10	U	1
Benzene	71-43-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.06.13 15.10	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.06.13 15.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.06.13 15.10	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.06.13 15.10	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.06.13 15.10	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.06.13 15.10	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.06.13 15.10	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.06.13 15.10	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.06.13 15.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.06.13 15.10	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.06.13 15.10	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-004 Date Collected: 06.03.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.06.13 15.10	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.06.13 15.10	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.06.13 15.10	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
Toluene	108-88-3	BRL	5.0	ug/L	06.06.13 15.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.06.13 15.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.06.13 15.10	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	06.06.13 15.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.06.13 15.10	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	06.06.13 15.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	53-159	06.06.13 15.10	
4-Bromofluorobenzene	460-00-4	100	%	30-186	06.06.13 15.10	
Toluene-D8	2037-26-5	90	%	70-130	06.06.13 15.10	

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-214** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-005 Date Collected: 06.04.13 10.24

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.06.13 16.04	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	06.06.13 16.04	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	06.06.13 16.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.06.13 16.04	U	1
Acetone	67-64-1	BRL	50	ug/L	06.06.13 16.04	U	1
Benzene	71-43-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.06.13 16.04	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.06.13 16.04	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.06.13 16.04	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.06.13 16.04	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.06.13 16.04	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.06.13 16.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.06.13 16.04	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.06.13 16.04	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.06.13 16.04	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.06.13 16.04	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.06.13 16.04	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-214** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-005 Date Collected: 06.04.13 10.24

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.06.13 16.04	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.06.13 16.04	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.06.13 16.04	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
Toluene	108-88-3	BRL	5.0	ug/L	06.06.13 16.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.06.13 16.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.06.13 16.04	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	06.06.13 16.04	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.06.13 16.04	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	06.06.13 16.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	53-159	06.06.13 16.04	
4-Bromofluorobenzene	460-00-4	88	%	30-186	06.06.13 16.04	
Toluene-D8	2037-26-5	94	%	70-130	06.06.13 16.04	

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-211** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-006 Date Collected: 06.04.13 12.10

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	06.06.13 16.31	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	06.06.13 16.31	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	06.06.13 16.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	06.06.13 16.31	U	1
Acetone	67-64-1	BRL	50	ug/L	06.06.13 16.31	U	1
Benzene	71-43-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	06.06.13 16.31	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	06.06.13 16.31	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	06.06.13 16.31	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	06.06.13 16.31	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	06.06.13 16.31	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	06.06.13 16.31	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	06.06.13 16.31	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	06.06.13 16.31	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	06.06.13 16.31	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	06.06.13 16.31	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	06.06.13 16.31	U	1

Certificate of Analytical Results 464442

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-211** Matrix: Water Date Received:06.04.13 13.58

Lab Sample Id: 464442-006 Date Collected: 06.04.13 12.10

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 06.06.13 11.06

Seq Number: 915656

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	06.06.13 16.31	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	06.06.13 16.31	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	06.06.13 16.31	U	1
Styrene	100-42-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
Toluene	108-88-3	BRL	5.0	ug/L	06.06.13 16.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	06.06.13 16.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	06.06.13 16.31	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	06.06.13 16.31	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	06.06.13 16.31	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	06.06.13 16.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	06.06.13 16.31	
4-Bromofluorobenzene	460-00-4	102	%	30-186	06.06.13 16.31	
Toluene-D8	2037-26-5	90	%	70-130	06.06.13 16.31	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915512 Matrix: Water Date Prep: 06.05.13
MB Sample Id: 639260-1-BLK LCS Sample Id: 639260-1-BKS LCSD Sample Id: 639260-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	51	102	49	98	56-141	4	20	ug/L	06.05.13 09:23	
1,1,2,2-Tetrachloroethane	<2.0	50	47	94	47	94	64-135	0	20	ug/L	06.05.13 09:23	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	48	96	49	98	54-134	2	20	ug/L	06.05.13 09:23	
1,1,2-Trichloroethane	<0.88	50	48	96	48	96	73-123	0	20	ug/L	06.05.13 09:23	
1,1-Dichloroethane	<0.74	50	48	96	47	94	66-126	2	20	ug/L	06.05.13 09:23	
1,1-Dichloroethene	<0.98	50	48	96	46	92	65-129	4	20	ug/L	06.05.13 09:23	
1,2,3-Trichlorobenzene	<2.6	50	57	114	54	108	56-146	5	20	ug/L	06.05.13 09:23	
1,2,4-Trichlorobenzene	<1.3	50	57	114	56	112	62-141	2	20	ug/L	06.05.13 09:23	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	50	100	49	98	48-144	2	20	ug/L	06.05.13 09:23	
1,2-Dibromoethane (EDB)	<0.79	50	50	100	50	100	70-130	0	20	ug/L	06.05.13 09:23	
1,2-Dichlorobenzene	<0.73	50	52	104	51	102	77-123	2	20	ug/L	06.05.13 09:23	
1,2-Dichloroethane	<0.82	50	47	94	46	92	57-137	2	20	ug/L	06.05.13 09:23	
1,2-Dichloropropane	<0.81	50	48	96	47	94	74-121	2	20	ug/L	06.05.13 09:23	
1,3-Dichlorobenzene	<0.74	50	53	106	52	104	79-120	2	20	ug/L	06.05.13 09:23	
1,4-Dichlorobenzene	<0.59	50	52	104	51	102	77-119	2	20	ug/L	06.05.13 09:23	
2-Butanone (MEK)	<1.3	100	85	85	87	87	42-165	2	20	ug/L	06.05.13 09:23	
2-Hexanone	<2.5	100	93	93	94	94	46-157	1	20	ug/L	06.05.13 09:23	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	94	94	54-145	1	20	ug/L	06.05.13 09:23	
Acetone	<1.4	100	74	74	72	72	42-178	3	20	ug/L	06.05.13 09:23	
Benzene	<0.67	50	47	94	46	92	76-119	2	20	ug/L	06.05.13 09:23	
Bromochloromethane	<0.47	50	50	100	49	98	75-123	2	20	ug/L	06.05.13 09:23	
Bromodichloromethane	<0.96	50	49	98	48	96	69-131	2	20	ug/L	06.05.13 09:23	
Bromoform	<1.4	50	49	98	50	100	66-130	2	20	ug/L	06.05.13 09:23	
Bromomethane	<2.7	50	44	88	43	86	59-141	2	20	ug/L	06.05.13 09:23	
Carbon disulfide	<0.73	50	44	88	42	84	47-144	5	20	ug/L	06.05.13 09:23	
Carbon tetrachloride	<0.89	50	52	104	49	98	46-155	6	20	ug/L	06.05.13 09:23	
Chlorobenzene	<0.59	50	51	102	50	100	81-114	2	20	ug/L	06.05.13 09:23	
Chloroethane	<0.23	50	44	88	41	82	63-133	7	20	ug/L	06.05.13 09:23	
Chloroform	<1.4	50	49	98	46	92	68-127	6	20	ug/L	06.05.13 09:23	
Chloromethane	<1.2	50	40	80	40	80	43-141	0	20	ug/L	06.05.13 09:23	
cis-1,2-Dichloroethene	<0.80	50	50	100	48	96	73-124	4	20	ug/L	06.05.13 09:23	
cis-1,3-Dichloropropene	<0.76	50	50	100	50	100	72-132	0	20	ug/L	06.05.13 09:23	
Cyclohexane	<0.99	50	48	96	49	98	58-125	2	20	ug/L	06.05.13 09:23	
Dibromochloromethane	<0.79	50	50	100	49	98	69-128	2	20	ug/L	06.05.13 09:23	
Dichlorodifluoromethane	<0.73	50	36	72	35	70	24-153	3	20	ug/L	06.05.13 09:23	
Ethylbenzene	<0.66	50	51	102	50	100	78-122	2	20	ug/L	06.05.13 09:23	
Isopropylbenzene	<1.0	50	52	104	51	102	71-131	2	20	ug/L	06.05.13 09:23	
m,p-Xylenes	<1.2	100	100	100	100	100	76-124	0	20	ug/L	06.05.13 09:23	
Methyl acetate	<0.15	50	48	96	50	100	65-135	4	20	ug/L	06.05.13 09:23	
Methyl tert-butyl ether	<0.62	100	96	96	94	94	59-135	2	20	ug/L	06.05.13 09:23	
Methylcyclohexane	<0.76	50	57	114	55	110	61-125	4	20	ug/L	06.05.13 09:23	
Methylene chloride	<0.92	50	50	100	53	106	64-135	6	20	ug/L	06.05.13 09:23	
Naphthalene	<4.0	50	55	110	53	106	46-159	4	20	ug/L	06.05.13 09:23	
o-Xylene	<0.57	50	53	106	52	104	78-124	2	20	ug/L	06.05.13 09:23	
Styrene	<0.56	50	52	104	52	104	79-123	0	20	ug/L	06.05.13 09:23	
Tetrachloroethene	<1.8	50	55	110	52	104	71-125	6	20	ug/L	06.05.13 09:23	
Toluene	<0.68	50	50	100	49	98	78-118	2	20	ug/L	06.05.13 09:23	
trans-1,2-Dichloroethene	<0.73	50	49	98	47	94	71-126	4	20	ug/L	06.05.13 09:23	
trans-1,3-Dichloropropene	<0.84	50	49	98	49	98	68-131	0	20	ug/L	06.05.13 09:23	

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915512 Matrix: Water Date Prep: 06.05.13
MB Sample Id: 639260-1-BLK LCS Sample Id: 639260-1-BKS LCSD Sample Id: 639260-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	51	102	49	98	76-118	4	20	ug/L	06.05.13 09:23	
Trichlorofluoromethane	<0.85	50	48	96	47	94	35-153	2	20	ug/L	06.05.13 09:23	
Vinyl chloride	<0.15	50	40	80	41	82	59-129	2	20	ug/L	06.05.13 09:23	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	101		97		96		53-159	%	06.05.13 09:23
4-Bromofluorobenzene	98		94		96		30-186	%	06.05.13 09:23
Toluene-D8	98		101		101		70-130	%	06.05.13 09:23

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915644 Matrix: Water Date Prep: 06.06.13
MB Sample Id: 639321-1-BLK LCS Sample Id: 639321-1-BKS LCSD Sample Id: 639321-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
cis-1,2-Dichloroethene	<0.80	50	44	88	41	82	73-124	7	20	ug/L	06.06.13 11:06	
Tetrachloroethene	<1.8	50	48	96	45	90	71-125	6	20	ug/L	06.06.13 11:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		94		94		53-159	%	06.06.13 11:06
4-Bromofluorobenzene	94		92		96		30-186	%	06.06.13 11:06
Toluene-D8	96		98		98		70-130	%	06.06.13 11:06

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915656 Matrix: Water Date Prep: 06.06.13
MB Sample Id: 639326-1-BLK LCS Sample Id: 639326-1-BKS LCSD Sample Id: 639326-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	57	114	55	110	56-141	4	20	ug/L	06.06.13 12:26	
1,1,2,2-Tetrachloroethane	<2.0	50	46	92	49	98	64-135	6	20	ug/L	06.06.13 12:26	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	52	104	47	94	54-134	10	20	ug/L	06.06.13 12:26	
1,1,2-Trichloroethane	<0.88	50	54	108	52	104	73-123	4	20	ug/L	06.06.13 12:26	
1,1-Dichloroethane	<0.74	50	53	106	48	96	66-126	10	20	ug/L	06.06.13 12:26	
1,1-Dichloroethene	<0.98	50	47	94	44	88	65-129	7	20	ug/L	06.06.13 12:26	
1,2,3-Trichlorobenzene	<2.6	50	49	98	49	98	56-146	0	20	ug/L	06.06.13 12:26	
1,2,4-Trichlorobenzene	<1.3	50	48	96	46	92	62-141	4	20	ug/L	06.06.13 12:26	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	57	114	57	114	48-144	0	20	ug/L	06.06.13 12:26	
1,2-Dibromoethane (EDB)	<0.79	50	54	108	56	112	70-130	4	20	ug/L	06.06.13 12:26	
1,2-Dichlorobenzene	<0.73	50	42	84	41	82	77-123	2	20	ug/L	06.06.13 12:26	
1,2-Dichloroethane	<0.82	50	58	116	52	104	57-137	11	20	ug/L	06.06.13 12:26	
1,2-Dichloropropane	<0.81	50	48	96	49	98	74-121	2	20	ug/L	06.06.13 12:26	
1,3-Dichlorobenzene	<0.74	50	42	84	42	84	79-120	0	20	ug/L	06.06.13 12:26	
1,4-Dichlorobenzene	<0.59	50	46	92	46	92	77-119	0	20	ug/L	06.06.13 12:26	
2-Butanone (MEK)	<1.3	100	100	100	100	100	42-165	0	20	ug/L	06.06.13 12:26	
2-Hexanone	<2.5	100	120	120	130	130	46-157	8	20	ug/L	06.06.13 12:26	
4-Methyl-2-pentanone (MIBK)	<2.2	100	140	140	130	130	54-145	7	20	ug/L	06.06.13 12:26	
Acetone	<1.4	100	130	130	110	110	42-178	17	20	ug/L	06.06.13 12:26	
Benzene	<0.67	50	47	94	46	92	76-119	2	20	ug/L	06.06.13 12:26	
Bromochloromethane	<0.47	50	56	112	57	114	75-123	2	20	ug/L	06.06.13 12:26	
Bromodichloromethane	<0.96	50	55	110	58	116	69-131	5	20	ug/L	06.06.13 12:26	
Bromoform	<1.4	50	46	92	45	90	66-130	2	20	ug/L	06.06.13 12:26	
Bromomethane	<2.7	50	53	106	56	112	59-141	6	20	ug/L	06.06.13 12:26	
Carbon disulfide	<0.73	50	51	102	51	102	47-144	0	20	ug/L	06.06.13 12:26	
Carbon tetrachloride	<0.89	50	55	110	57	114	46-155	4	20	ug/L	06.06.13 12:26	
Chlorobenzene	<0.59	50	48	96	49	98	81-114	2	20	ug/L	06.06.13 12:26	
Chloroethane	<0.23	50	53	106	59	118	63-133	11	20	ug/L	06.06.13 12:26	
Chloroform	<1.4	50	53	106	49	98	68-127	8	20	ug/L	06.06.13 12:26	
Chloromethane	<1.2	50	49	98	50	100	43-141	2	20	ug/L	06.06.13 12:26	
cis-1,2-Dichloroethene	<0.80	50	57	114	54	108	73-124	5	20	ug/L	06.06.13 12:26	
cis-1,3-Dichloropropene	<0.76	50	55	110	55	110	72-132	0	20	ug/L	06.06.13 12:26	
Cyclohexane	<0.99	50	41	82	40	80	58-125	2	20	ug/L	06.06.13 12:26	
Dibromochloromethane	<0.79	50	52	104	51	102	69-128	2	20	ug/L	06.06.13 12:26	
Dichlorodifluoromethane	<0.73	50	23	46	22	44	24-153	4	20	ug/L	06.06.13 12:26	
Ethylbenzene	<0.66	50	49	98	51	102	78-122	4	20	ug/L	06.06.13 12:26	
Isopropylbenzene	<1.0	50	39	78	39	78	71-131	0	20	ug/L	06.06.13 12:26	
m,p-Xylenes	<1.2	100	100	100	99	99	76-124	1	20	ug/L	06.06.13 12:26	
Methyl acetate	<0.15	50	64	128	65	130	65-135	2	20	ug/L	06.06.13 12:26	
Methyl tert-butyl ether	<0.62	100	120	120	120	120	59-135	0	20	ug/L	06.06.13 12:26	
Methylcyclohexane	<0.76	50	39	78	40	80	61-125	3	20	ug/L	06.06.13 12:26	
Methylene chloride	16	50	65	130	76	152	64-135	16	20	ug/L	06.06.13 12:26	H
Naphthalene	<4.0	50	50	100	50	100	46-159	0	20	ug/L	06.06.13 12:26	
o-Xylene	<0.57	50	44	88	47	94	78-124	7	20	ug/L	06.06.13 12:26	
Styrene	<0.56	50	51	102	53	106	79-123	4	20	ug/L	06.06.13 12:26	
Tetrachloroethene	<1.8	50	54	108	54	108	71-125	0	20	ug/L	06.06.13 12:26	
Toluene	<0.68	50	51	102	50	100	78-118	2	20	ug/L	06.06.13 12:26	
trans-1,2-Dichloroethene	<0.73	50	55	110	55	110	71-126	0	20	ug/L	06.06.13 12:26	
trans-1,3-Dichloropropene	<0.84	50	60	120	55	110	68-131	9	20	ug/L	06.06.13 12:26	

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915656 Matrix: Water Date Prep: 06.06.13
MB Sample Id: 639326-1-BLK LCS Sample Id: 639326-1-BKS LCSD Sample Id: 639326-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	48	96	53	106	76-118	10	20	ug/L	06.06.13 12:26	
Trichlorofluoromethane	<0.85	50	52	104	55	110	35-153	6	20	ug/L	06.06.13 12:26	
Vinyl chloride	<0.15	50	41	82	41	82	59-129	0	20	ug/L	06.06.13 12:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		110		94		53-159	%	06.06.13 12:26
4-Bromofluorobenzene	96		96		96		30-186	%	06.06.13 12:26
Toluene-D8	94		100		100		70-130	%	06.06.13 12:26

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915942 Matrix: Water Date Prep: 06.11.13
MB Sample Id: 639525-1-BLK LCS Sample Id: 639525-1-BKS LCSD Sample Id: 639525-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<1.4	100	120	120	120	120	42-178	0	20	ug/L	06.11.13 07:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	96		91		91		53-159	%	06.11.13 07:50
4-Bromofluorobenzene	92		92		93		30-186	%	06.11.13 07:50
Toluene-D8	95		97		96		70-130	%	06.11.13 07:50

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915512 Matrix: Ground Water Date Prep: 06.05.13
Parent Sample Id: 464308-004 MS Sample Id: 464308-004 S MSD Sample Id: 464308-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	51	102	50	100	63-149	2	20	ug/L	06.05.13 19:16	
1,1,2,2-Tetrachloroethane	<2.0	50	48	96	48	96	58-140	0	20	ug/L	06.05.13 19:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	49	98	45	90	42-156	9	20	ug/L	06.05.13 19:16	
1,1,2-Trichloroethane	<0.88	50	49	98	48	96	49-140	2	20	ug/L	06.05.13 19:16	
1,1-Dichloroethane	<0.74	50	47	94	47	94	67-136	0	20	ug/L	06.05.13 19:16	
1,1-Dichloroethene	<0.98	50	46	92	45	90	52-141	2	20	ug/L	06.05.13 19:16	
1,2,3-Trichlorobenzene	<2.6	50	55	110	55	110	50-131	0	20	ug/L	06.05.13 19:16	
1,2,4-Trichlorobenzene	<1.3	50	54	108	54	108	51-125	0	20	ug/L	06.05.13 19:16	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	50	100	49	98	43-155	2	20	ug/L	06.05.13 19:16	
1,2-Dibromoethane (EDB)	<0.79	50	51	102	50	100	66-136	2	20	ug/L	06.05.13 19:16	
1,2-Dichlorobenzene	<0.73	50	52	104	52	104	70-124	0	20	ug/L	06.05.13 19:16	
1,2-Dichloroethane	<0.82	50	47	94	46	92	71-143	2	20	ug/L	06.05.13 19:16	
1,2-Dichloropropane	<0.81	50	48	96	47	94	74-125	2	20	ug/L	06.05.13 19:16	
1,3-Dichlorobenzene	<0.74	50	52	104	52	104	73-123	0	20	ug/L	06.05.13 19:16	
1,4-Dichlorobenzene	<0.59	50	51	102	51	102	74-116	0	20	ug/L	06.05.13 19:16	
2-Butanone (MEK)	<1.3	100	89	89	89	89	43-155	0	20	ug/L	06.05.13 19:16	
2-Hexanone	<2.5	100	98	98	95	95	52-148	3	20	ug/L	06.05.13 19:16	
4-Methyl-2-pentanone (MIBK)	<2.2	100	94	94	90	90	61-141	4	20	ug/L	06.05.13 19:16	
Acetone	<1.4	100	63	63	67	67	40-140	6	20	ug/L	06.05.13 19:16	
Benzene	<0.67	50	47	94	46	92	78-117	2	20	ug/L	06.05.13 19:16	
Bromochloromethane	<0.47	50	50	100	49	98	65-127	2	20	ug/L	06.05.13 19:16	
Bromodichloromethane	<0.96	50	48	96	47	94	71-133	2	20	ug/L	06.05.13 19:16	
Bromoform	<1.4	50	47	94	46	92	55-129	2	20	ug/L	06.05.13 19:16	
Bromomethane	<2.7	50	41	82	39	78	49-157	5	20	ug/L	06.05.13 19:16	
Carbon disulfide	<0.73	50	33	66	31	62	31-142	6	20	ug/L	06.05.13 19:16	
Carbon tetrachloride	<0.89	50	50	100	48	96	63-152	4	20	ug/L	06.05.13 19:16	
Chlorobenzene	<0.59	50	51	102	50	100	75-117	2	20	ug/L	06.05.13 19:16	
Chloroethane	<0.23	50	42	84	38	76	49-147	10	20	ug/L	06.05.13 19:16	
Chloroform	<1.4	50	51	102	50	100	67-136	2	20	ug/L	06.05.13 19:16	
Chloromethane	<1.2	50	36	72	37	74	35-162	3	20	ug/L	06.05.13 19:16	
cis-1,2-Dichloroethene	<0.80	50	49	98	48	96	64-132	2	20	ug/L	06.05.13 19:16	
cis-1,3-Dichloropropene	<0.76	50	49	98	46	92	69-116	6	20	ug/L	06.05.13 19:16	
Cyclohexane	<0.99	50	42	84	41	82	59-141	2	20	ug/L	06.05.13 19:16	
Dibromochloromethane	<0.79	50	49	98	47	94	54-144	4	20	ug/L	06.05.13 19:16	
Dichlorodifluoromethane	<0.73	50	31	62	30	60	26-171	3	20	ug/L	06.05.13 19:16	
Ethylbenzene	<0.66	50	50	100	50	100	74-131	0	20	ug/L	06.05.13 19:16	
Isopropylbenzene	<1.0	50	50	100	51	102	63-133	2	20	ug/L	06.05.13 19:16	
m,p-Xylenes	<1.2	100	100	100	100	100	67-134	0	20	ug/L	06.05.13 19:16	
Methyl acetate	<0.15	50	49	98	46	92	65-135	6	20	ug/L	06.05.13 19:16	
Methyl tert-butyl ether	<0.62	100	96	96	94	94	51-156	2	20	ug/L	06.05.13 19:16	
Methylcyclohexane	<0.76	50	55	110	53	106	62-123	4	20	ug/L	06.05.13 19:16	
Methylene chloride	<0.92	50	46	92	43	86	52-165	7	20	ug/L	06.05.13 19:16	
Naphthalene	<4.0	50	54	108	54	108	31-151	0	20	ug/L	06.05.13 19:16	
o-Xylene	<0.57	50	52	104	53	106	70-125	2	20	ug/L	06.05.13 19:16	
Styrene	<0.56	50	42	84	51	102	42-145	19	20	ug/L	06.05.13 19:16	
Tetrachloroethene	2.8	50	56	106	55	104	57-132	2	20	ug/L	06.05.13 19:16	
Toluene	<0.68	50	49	98	49	98	76-119	0	20	ug/L	06.05.13 19:16	
trans-1,2-Dichloroethene	<0.73	50	48	96	47	94	46-152	2	20	ug/L	06.05.13 19:16	
trans-1,3-Dichloropropene	<0.84	50	47	94	45	90	60-132	4	20	ug/L	06.05.13 19:16	

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915512 Matrix: Ground Water Date Prep: 06.05.13
Parent Sample Id: 464308-004 MS Sample Id: 464308-004 S MSD Sample Id: 464308-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	51	102	50	100	77-120	2	20	ug/L	06.05.13 19:16	
Trichlorofluoromethane	<0.85	50	44	88	43	86	47-165	2	20	ug/L	06.05.13 19:16	
Vinyl chloride	<0.15	50	38	76	38	76	43-148	0	20	ug/L	06.05.13 19:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	96		96		53-159	%	06.05.13 19:16
4-Bromofluorobenzene	94		97		30-186	%	06.05.13 19:16
Toluene-D8	99		100		70-130	%	06.05.13 19:16

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915644 Matrix: Water Date Prep: 06.06.13
Parent Sample Id: 464403-004 MS Sample Id: 464403-004 S MSD Sample Id: 464403-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
cis-1,2-Dichloroethene	<0.80	50	42	84	41	82	64-132	2	20	ug/L	06.06.13 20:55	
Tetrachloroethene	<1.8	50	46	92	46	92	57-132	0	20	ug/L	06.06.13 20:55	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	94		94		53-159	%	06.06.13 20:55
4-Bromofluorobenzene	96		96		30-186	%	06.06.13 20:55
Toluene-D8	98		98		70-130	%	06.06.13 20:55

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915656 Matrix: Water Date Prep: 06.06.13
Parent Sample Id: 464442-005 MS Sample Id: 464442-005 S MSD Sample Id: 464442-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	49	98	48	96	63-149	2	20	ug/L	06.06.13 22:29	
1,1,2,2-Tetrachloroethane	<2.0	50	41	82	41	82	58-140	0	20	ug/L	06.06.13 22:29	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	43	86	48	96	42-156	11	20	ug/L	06.06.13 22:29	
1,1,2-Trichloroethane	<0.88	50	45	90	45	90	49-140	0	20	ug/L	06.06.13 22:29	
1,1-Dichloroethane	<0.74	50	48	96	48	96	67-136	0	20	ug/L	06.06.13 22:29	
1,1-Dichloroethene	<0.98	50	44	88	43	86	52-141	2	20	ug/L	06.06.13 22:29	
1,2,3-Trichlorobenzene	<2.6	50	42	84	44	88	50-131	5	20	ug/L	06.06.13 22:29	
1,2,4-Trichlorobenzene	<1.3	50	43	86	43	86	51-125	0	20	ug/L	06.06.13 22:29	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	51	102	43-155	10	20	ug/L	06.06.13 22:29	
1,2-Dibromoethane (EDB)	<0.79	50	50	100	46	92	66-136	8	20	ug/L	06.06.13 22:29	
1,2-Dichlorobenzene	<0.73	50	39	78	39	78	70-124	0	20	ug/L	06.06.13 22:29	
1,2-Dichloroethane	<0.82	50	46	92	45	90	71-143	2	20	ug/L	06.06.13 22:29	
1,2-Dichloropropane	<0.81	50	39	78	39	78	74-125	0	20	ug/L	06.06.13 22:29	
1,3-Dichlorobenzene	<0.74	50	39	78	40	80	73-123	3	20	ug/L	06.06.13 22:29	
1,4-Dichlorobenzene	<0.59	50	43	86	43	86	74-116	0	20	ug/L	06.06.13 22:29	
2-Butanone (MEK)	<1.3	100	110	110	110	110	43-155	0	20	ug/L	06.06.13 22:29	
2-Hexanone	<2.5	100	110	110	100	100	52-148	10	20	ug/L	06.06.13 22:29	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	90	90	61-141	3	20	ug/L	06.06.13 22:29	
Acetone	<1.4	100	100	100	120	120	40-140	18	20	ug/L	06.06.13 22:29	
Benzene	<0.67	50	49	98	52	104	78-117	6	20	ug/L	06.06.13 22:29	
Bromochloromethane	<0.47	50	54	108	56	112	65-127	4	20	ug/L	06.06.13 22:29	
Bromodichloromethane	<0.96	50	48	96	45	90	71-133	6	20	ug/L	06.06.13 22:29	
Bromoform	<1.4	50	43	86	44	88	55-129	2	20	ug/L	06.06.13 22:29	
Bromomethane	<2.7	50	48	96	46	92	49-157	4	20	ug/L	06.06.13 22:29	
Carbon disulfide	<0.73	50	42	84	45	90	31-142	7	20	ug/L	06.06.13 22:29	
Carbon tetrachloride	<0.89	50	51	102	47	94	63-152	8	20	ug/L	06.06.13 22:29	
Chlorobenzene	<0.59	50	44	88	42	84	75-117	5	20	ug/L	06.06.13 22:29	
Chloroethane	<0.23	50	51	102	49	98	49-147	4	20	ug/L	06.06.13 22:29	
Chloroform	<1.4	50	46	92	43	86	67-136	7	20	ug/L	06.06.13 22:29	
Chloromethane	<1.2	50	38	76	37	74	35-162	3	20	ug/L	06.06.13 22:29	
cis-1,2-Dichloroethene	<0.80	50	50	100	49	98	64-132	2	20	ug/L	06.06.13 22:29	
cis-1,3-Dichloropropene	<0.76	50	42	84	42	84	69-116	0	20	ug/L	06.06.13 22:29	
Cyclohexane	<0.99	50	32	64	32	64	59-141	0	20	ug/L	06.06.13 22:29	X
Dibromochloromethane	<0.79	50	47	94	46	92	54-144	2	20	ug/L	06.06.13 22:29	
Dichlorodifluoromethane	<0.73	50	20	40	21	42	26-171	5	20	ug/L	06.06.13 22:29	
Ethylbenzene	<0.66	50	44	88	43	86	74-131	2	20	ug/L	06.06.13 22:29	
Isopropylbenzene	<1.0	50	35	70	35	70	63-133	0	20	ug/L	06.06.13 22:29	X
m,p-Xylenes	<1.2	100	92	92	86	86	67-134	7	20	ug/L	06.06.13 22:29	
Methyl acetate	<0.15	50	56	112	49	98	65-135	13	20	ug/L	06.06.13 22:29	
Methyl tert-butyl ether	<0.62	100	100	100	110	110	51-156	10	20	ug/L	06.06.13 22:29	
Methylcyclohexane	<0.76	50	35	70	32	64	62-123	9	20	ug/L	06.06.13 22:29	X
Methylene chloride	<0.92	50	57	114	59	118	52-165	3	20	ug/L	06.06.13 22:29	
Naphthalene	<4.0	50	44	88	47	94	31-151	7	20	ug/L	06.06.13 22:29	
o-Xylene	<0.57	50	41	82	40	80	70-125	2	20	ug/L	06.06.13 22:29	
Styrene	<0.56	50	48	96	45	90	42-145	6	20	ug/L	06.06.13 22:29	
Tetrachloroethene	2.2	50	54	104	45	86	57-132	18	20	ug/L	06.06.13 22:29	
Toluene	<0.68	50	43	86	40	80	76-119	7	20	ug/L	06.06.13 22:29	
trans-1,2-Dichloroethene	<0.73	50	46	92	47	94	46-152	2	20	ug/L	06.06.13 22:29	
trans-1,3-Dichloropropene	<0.84	50	45	90	45	90	60-132	0	20	ug/L	06.06.13 22:29	

QC Summary 464442

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915656 Matrix: Water Date Prep: 06.06.13
Parent Sample Id: 464442-005 MS Sample Id: 464442-005 S MSD Sample Id: 464442-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	46	92	42	84	77-120	9	20	ug/L	06.06.13 22:29	
Trichlorofluoromethane	<0.85	50	46	92	48	96	47-165	4	20	ug/L	06.06.13 22:29	
Vinyl chloride	<0.15	50	38	76	38	76	43-148	0	20	ug/L	06.06.13 22:29	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	94		96		53-159	%	06.06.13 22:29
4-Bromofluorobenzene	92		92		30-186	%	06.06.13 22:29
Toluene-D8	94		88		70-130	%	06.06.13 22:29

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 915942 Matrix: Water Date Prep: 06.11.13
Parent Sample Id: 464713-008 MS Sample Id: 464713-008 S MSD Sample Id: 464713-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<1.4	100	84	84	83	83	40-140	1	20	ug/L	06.11.13 18:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	94		93		53-159	%	06.11.13 18:16
4-Bromofluorobenzene	95		94		30-186	%	06.11.13 18:16
Toluene-D8	96		95		70-130	%	06.11.13 18:16

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262500 Page 1 of 1

Company-City: AEM
Phone: 404-329-9006
Lab Only: WO#4644442

Proj Name-Location: Aramark - DeKalb Ave. ☒ Previously done at XENCO
Project ID: 1133-1303-1

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Leona Miles

e-Mail Results to ☒ PM or Leona-Miles@AEM.net
Fax No:

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☒ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: **P.O No:** ☒ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA VRP
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Chad Gumbley Signature:

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d (Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:
1	MW-210	6/3/13	1205	—	W		X	2	40	C	H	X													1
2	MW-213	6/3/13	1325	—	W		X	2	40	C	H	X													2
3	MW-212	6/3/13	1455	—	W		X	2	40	C	H	X													3
4	Trip Blank	—	—	—	W	—		2	40	C	H	X													4
5	MW-214	6/4/13	1024	—	W		X	2	40	C	H	X													5
6	MW-211	6/4/13	1210	—	W		X	2	40	C	H	X													6
7																									7
8																									8
9																									9
10																									10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) CC	6/4/13 1358	2)	6/4/13 1358
2) 3)		4)	
3) 5)		6)	

Total Containers per COC: 12 Cooler Temp: 2

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 06/04/2013 01:58:00 PM

Work Order #: 464442

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**N/A**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

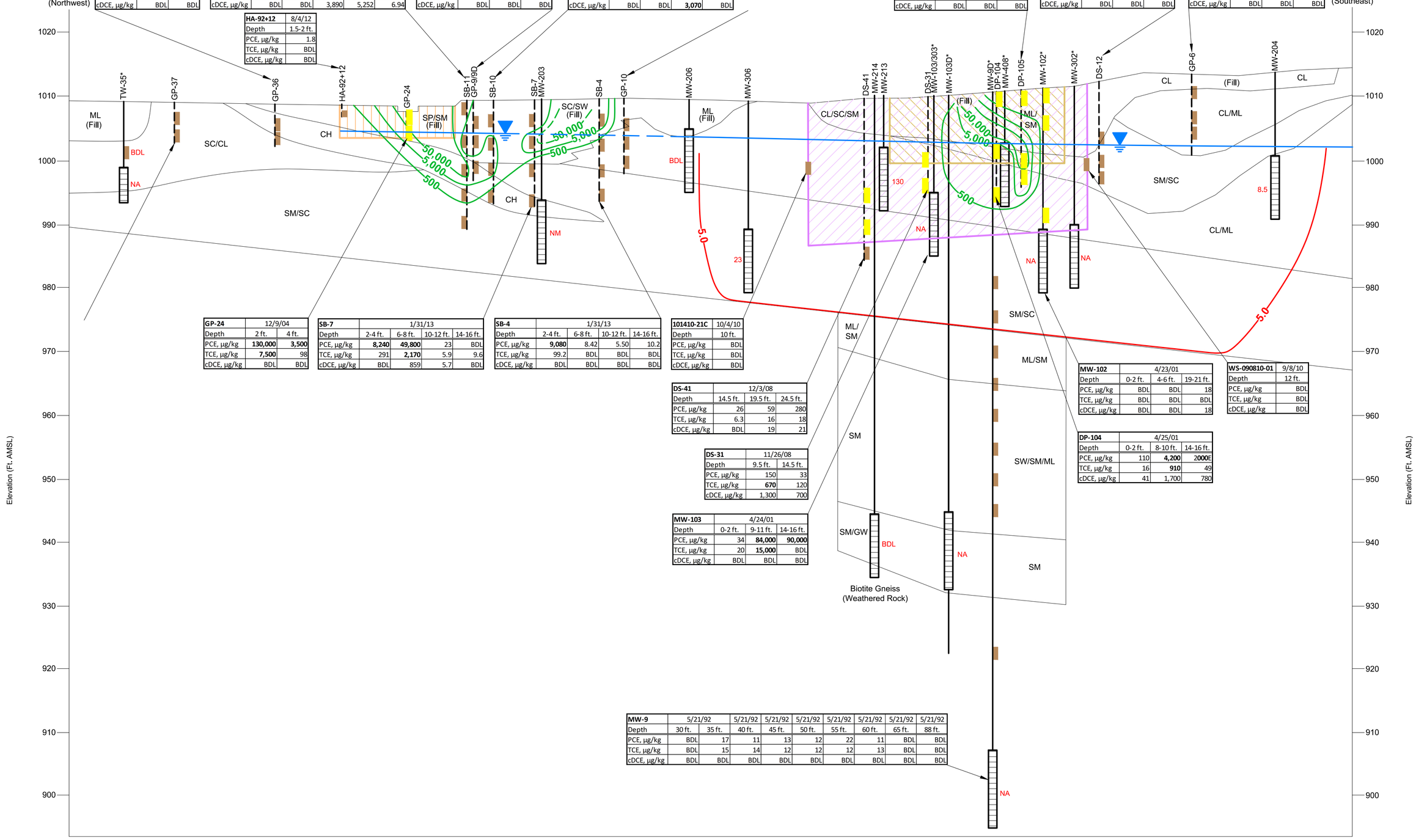
Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 06/05/2013

Checklist reviewed by: David C. Fuller Date: 06/05/2013

ATTACHMENT F

Updated Historical Cross Sections



GP-36	1/24/06	
Depth	2-4 ft.	4-6 ft.
PCE, µg/kg	BDL	BDL
TCE, µg/kg	BDL	BDL
cDCE, µg/kg	BDL	BDL

SB-11	1/31/13				2/1/13
Depth	0-2 ft.	5-6 ft.	10-12 ft.	14-15 ft.	18-20 ft.
PCE, µg/kg	**14,800**	**3,400**	**87,600**	**1,320**	BDL
TCE, µg/kg	BDL	BDL	**7,820**	**10,400**	BDL
cDCE, µg/kg	BDL	BDL	3,890	5,252	6.94

HA-92+12	8/4/12
Depth	1.5-2 ft.
PCE, µg/kg	1.8
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

GP-9/9D	5/16/03	4/15/05	5/16/03
Depth	2-4 ft.	5-6 ft.	9-10 ft.
PCE, µg/kg	86	40	**42,000**
TCE, µg/kg	BDL	BDL	**4,700**
cDCE, µg/kg	BDL	BDL	BDL

SB-10	1/31/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	**903**	**20,900**	**9,900**	BDL
TCE, µg/kg	BDL	**540**	**2,900**	9.6
cDCE, µg/kg	BDL	BDL	**3,070**	BDL

DP-105	4/26/01		
Depth	0-2 ft.	10-12 ft.	12-14 ft.
PCE, µg/kg	**780**	**650,000**	**23,000**
TCE, µg/kg	BDL	380	BDL
cDCE, µg/kg	BDL	BDL	BDL

DS-12	11/24/08		
Depth	14.5 ft.	19.5 ft.	24.5 ft.
PCE, µg/kg	BDL	BDL	BDL
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

GP-6	4/8/03		
Depth	2-4 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	BDL	BDL	BDL
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

GP-24	12/9/04	
Depth	2 ft.	4 ft.
PCE, µg/kg	**130,000**	**3,500**
TCE, µg/kg	**7,500**	98
cDCE, µg/kg	BDL	BDL

SB-7	1/31/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	**8,240**	**49,800**	23	BDL
TCE, µg/kg	291	**2,170**	5.9	9.6
cDCE, µg/kg	BDL	859	5.7	BDL

SB-4	1/31/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	**9,080**	8.42	5.50	10.2
TCE, µg/kg	99.2	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL	BDL

101410-21C	10/4/10
Depth	10 ft.
PCE, µg/kg	BDL
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

DS-41	12/3/08		
Depth	14.5 ft.	19.5 ft.	24.5 ft.
PCE, µg/kg	26	59	280
TCE, µg/kg	6.3	16	18
cDCE, µg/kg	BDL	19	21

DS-31	11/26/08	
Depth	9.5 ft.	14.5 ft.
PCE, µg/kg	150	33
TCE, µg/kg	**670**	120
cDCE, µg/kg	1,300	700

MW-103	4/24/01		
Depth	0-2 ft.	9-11 ft.	14-16 ft.
PCE, µg/kg	34	**84,000**	**90,000**
TCE, µg/kg	20	**15,000**	BDL
cDCE, µg/kg	BDL	BDL	BDL

MW-102	4/23/01		
Depth	0-2 ft.	4-6 ft.	19-21 ft.
PCE, µg/kg	BDL	BDL	18
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	18

WS-090810-01	9/8/10
Depth	12 ft.
PCE, µg/kg	BDL
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

DP-104	4/25/01		
Depth	0-2 ft.	8-10 ft.	14-16 ft.
PCE, µg/kg	110	**4,200**	**2000E**
TCE, µg/kg	16	**910**	49
cDCE, µg/kg	41	1,700	780

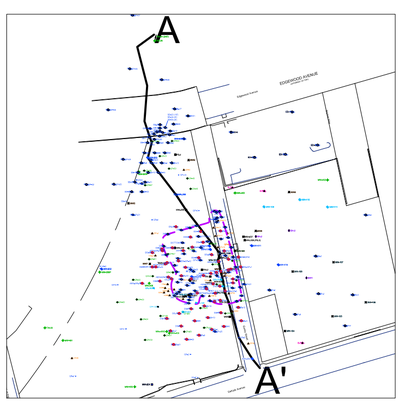
MW-9	5/21/92		5/21/92	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92	5/21/92
Depth	30 ft.	35 ft.	40 ft.	45 ft.	50 ft.	55 ft.	60 ft.	65 ft.	88 ft.
PCE, µg/kg	BDL	17	11	13	12	22	11	BDL	BDL
TCE, µg/kg	BDL	15	14	12	12	12	13	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Legend

MW-204
- Blank PVC Riser Pipe
- July 13, 2012 Water Table Elevation, Ft. AMSL (Estimated Where Dashed)
- Soil Sample Interval (Highlight Denotes Excavated or Treated Soil)
- Soil Sample Interval
- BDL - July 2013 Groundwater PCE Analytical Data (Reported in µg/L)
- Screened Interval
- Soil PCE Isoconcentration Contour (µg/Kg)
- Groundwater PCE Isoconcentration Contour (µg/L)
- Limits of Blending Area / Excavation Area (2010)
- Approximate Limits of Mactec Excavation (2006)
- Limits of Beltline Excavation

BOLD - Bold Denotes Exceedance of RBC Target Cleanup Goals
BDL - VOCs in Groundwater Below Detection Limits (June 2011)
NA - Not Available (Abandoned Well)
NM - Not Measured (Well Covered)
PCE - Tetrachloroethene
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
µg/Kg - Micrograms per Kilogram
µg/L - Micrograms per Liter
* - Abandoned Well (No Potentiometric Data Available)
CH - Clay, High Plasticity
CL - Clay, Low Plasticity
ML - Silt
SC - Clayey Sand
SM - Silty Sand
SW - Well Sorted Sand
GW - Well Sorted Sand and Gravel

Note:
Surficial fill material consists of silty clayey sands and silty clays with abundant debris fragments (red brick, concrete, glass, metal, wire)



Location of Cross Section

Vertical Scale
1 inch = 10 ft.

V.E. = 3x

Horizontal Scale
1 inch = 30 ft.

AEM
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Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

ARAMARK - DeKalb

Geologic Cross Section A - A'

PROJECT #: 1133-1401-2	DRAWN BY: TL
SCALE: As Shown	DATE: November 20, 2013

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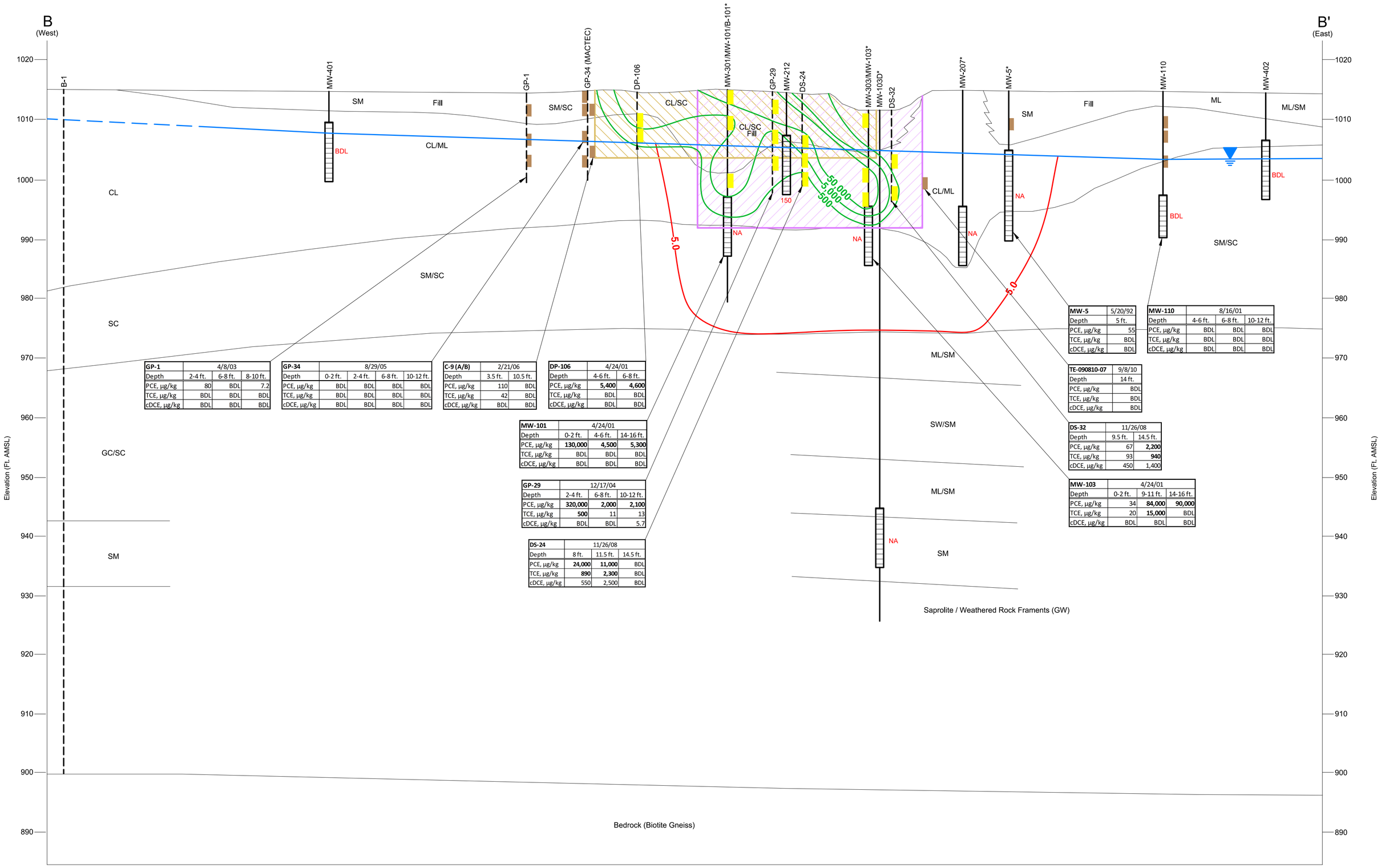
Figure
F-1



GP-1	4/8/03		
Depth	2-4 ft.	6-8 ft.	8-10 ft.
PCE, µg/kg	80	BDL	7.2
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

GP-34	8/29/05			
Depth	0-2 ft.	2-4 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	BDL	BDL	BDL	BDL
TCE, µg/kg	BDL	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL	BDL

C-9 (A/B)	2/21/06	
Depth	3.5 ft.	10.5 ft.
PCE, µg/kg	110	BDL
TCE, µg/kg	42	BDL
cDCE, µg/kg	BDL	BDL

DP-106	4/24/01	
Depth	4-6 ft.	6-8 ft.
PCE, µg/kg	**5,400**	**4,600**
TCE, µg/kg	BDL	BDL
cDCE, µg/kg	BDL	BDL

MW-101	4/24/01		
Depth	0-2 ft.	4-6 ft.	14-16 ft.
PCE, µg/kg	**130,000**	**4,500**	**5,300**
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

GP-29	12/17/04		
Depth	2-4 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	**320,000**	**2,000**	**2,100**
TCE, µg/kg	**500**	11	13
cDCE, µg/kg	BDL	BDL	5.7

DS-24	11/26/08		
Depth	8 ft.	11.5 ft.	14.5 ft.
PCE, µg/kg	**24,000**	**11,000**	BDL
TCE, µg/kg	**890**	**2,300**	BDL
cDCE, µg/kg	550	2,500	BDL

MW-5	5/20/92
Depth	5 ft.
PCE, µg/kg	55
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

MW-110	8/16/01		
Depth	4-6 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	BDL	BDL	BDL
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

TE-090810-07	9/8/10
Depth	14 ft.
PCE, µg/kg	BDL
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

DS-32	11/26/08	
Depth	9.5 ft.	14.5 ft.
PCE, µg/kg	67	**2,200**
TCE, µg/kg	93	**940**
cDCE, µg/kg	450	1,400

MW-103	4/24/01		
Depth	0-2 ft.	9-11 ft.	14-16 ft.
PCE, µg/kg	34	**84,000**	**90,000**
TCE, µg/kg	20	**15,000**	BDL
cDCE, µg/kg	BDL	BDL	BDL

Legend

MW-401
- Blank PVC Riser Pipe
- July 17, 2013 Water Table Elevation, Ft. AMSL (Estimated Where Dashed)
- Soil Sample Interval (Highlight Denotes Excavated or Treated Soil)
- Soil Sample Interval
- BDL - July 2013 Groundwater PCE Analytical Data (Reported in µg/L)
- Screened Interval
- Soil PCE Isoconcentration Contour (µg/Kg)
- Groundwater PCE Isoconcentration Contour (µg/L)
- Limits of Blending Area / Excavation Area (2010)
- Limits of Mactec Excavation (2006)

BOLD - Bold Denotes Exceedance of RBC Target Cleanup Goals
BDL - VOCs in Groundwater Below Detection Limits (July 2013)
NA - Not Available (Abandoned Well)
PCE - Tetrachloroethene
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
µg/Kg - Micrograms per Kilogram
µg/L - Micrograms per Liter
* - Abandoned Well (No Potentiometric Data Available)
CH - Clay, High Plasticity
CL - Clay, Low Plasticity
ML - Silt
SC - Clayey Sand
SM - Silty Sand
SW - Well Sorted Sand
GW - Well Sorted Sand and Gravel

Note:
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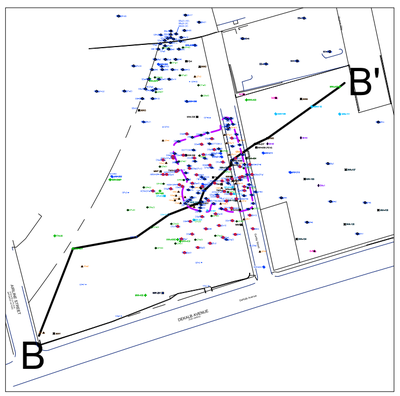

Location of Cross Section

Vertical Scale
1 inch = 10 ft.

V.E. = 3x

Horizontal Scale
1 inch = 30 ft.

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ARAMARK - DeKalb

PROJECT #: 1133-1401-2	DRAWN BY: TL
SCALE: As Shown	DATE: November 20, 2013

Geologic Cross Section B B'

Figure F-2

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SB-10	1/31/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	**903**	**20,900**	**9,900**	BDL
TCE, µg/kg	BDL	**540**	**2,900**	9.6
cDCE, µg/kg	BDL	BDL	**3,070**	BDL

SB-16	2/1/13		
Depth	2-4 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	**6,740**	451	BDL
TCE, µg/kg	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL

GP-9/9D	5/16/03	4/15/05	5/16/03
Depth	2-4 ft.	5-6 ft.	9-10 ft.
PCE, µg/kg	86	40	**42,000**
TCE, µg/kg	BDL	BDL	**4,700**
cDCE, µg/kg	BDL	BDL	BDL

SB-30	5/3/13			
Depth	0-2 ft.	4-6 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	7.11	BDL	**3,870**	6.59
TCE, µg/kg	BDL	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL	BDL

GP-36	1/24/06	
Depth	2-4 ft.	4-6 ft.
PCE, µg/kg	BDL	BDL
TCE, µg/kg	BDL	BDL
cDCE, µg/kg	BDL	BDL

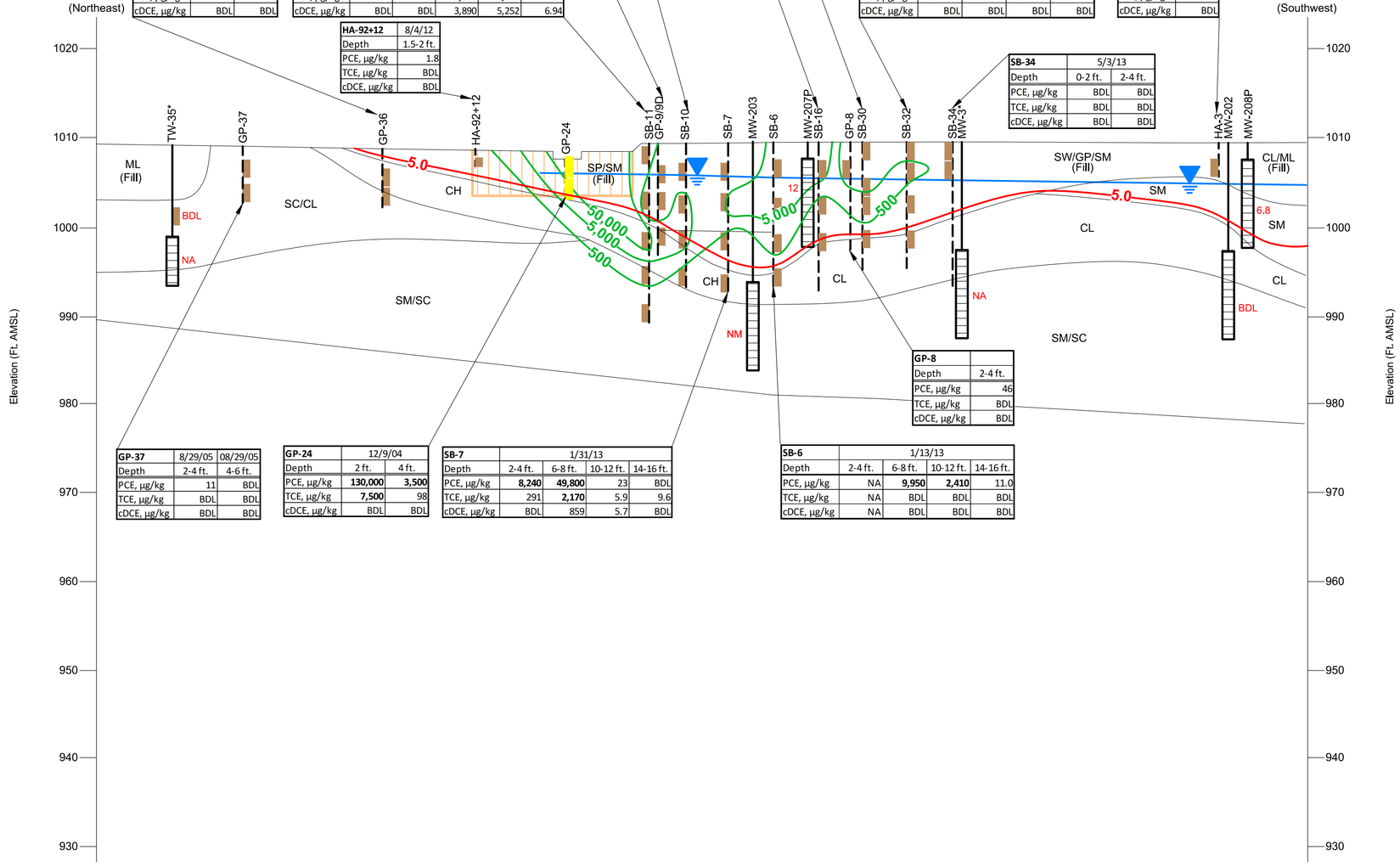
SB-11	1/31/13				2/1/13
Depth	0-2 ft.	5-6 ft.	10-12 ft.	14-15 ft.	18-20 ft.
PCE, µg/kg	**14,800**	**3,400**	**87,600**	**1,320**	BDL
TCE, µg/kg	BDL	BDL	**7,820**	**10,400**	BDL
cDCE, µg/kg	BDL	BDL	3,890	5,252	6.94

SB-32	5/3/13			
Depth	0-2 ft.	4-6 ft.	6-8 ft.	10-12 ft.
PCE, µg/kg	7.11	BDL	**3,870**	6.59
TCE, µg/kg	BDL	BDL	BDL	BDL
cDCE, µg/kg	BDL	BDL	BDL	BDL

HA-3	5/6/03
Depth	3-4 ft.
PCE, µg/kg	BDL
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

HA-92+12	8/4/12
Depth	1.5-2 ft.
PCE, µg/kg	1.8
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

SB-34	5/3/13	
Depth	0-2 ft.	2-4 ft.
PCE, µg/kg	BDL	BDL
TCE, µg/kg	BDL	BDL
cDCE, µg/kg	BDL	BDL



GP-37	8/29/05	08/29/05
Depth	2-4 ft.	4-6 ft.
PCE, µg/kg	11	BDL
TCE, µg/kg	BDL	BDL
cDCE, µg/kg	BDL	BDL

GP-24	12/9/04	
Depth	2 ft.	4 ft.
PCE, µg/kg	**130,000**	**3,500**
TCE, µg/kg	**7,500**	98
cDCE, µg/kg	BDL	BDL

SB-7	1/31/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	**8,240**	**49,800**	23	BDL
TCE, µg/kg	291	**2,170**	5.9	9.6
cDCE, µg/kg	BDL	859	5.7	BDL

SB-6	1/13/13			
Depth	2-4 ft.	6-8 ft.	10-12 ft.	14-16 ft.
PCE, µg/kg	NA	**9,950**	**2,410**	11.0
TCE, µg/kg	NA	BDL	BDL	BDL
cDCE, µg/kg	NA	BDL	BDL	BDL

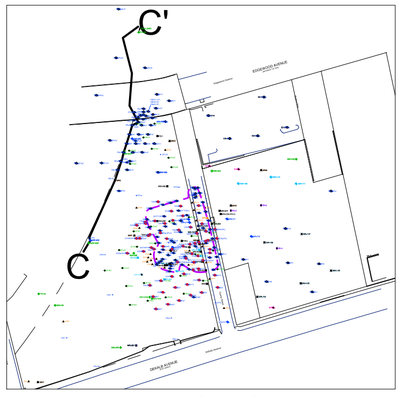
GP-8	
Depth	2-4 ft.
PCE, µg/kg	46
TCE, µg/kg	BDL
cDCE, µg/kg	BDL

Legend

MW-208P
- Blank PVC Riser Pipe
- July 17, 2013 Water Table Elevation, Ft. AMSL (Estimated Where Dashed)
- Soil Sample Interval (Highlight Denotes Excavated or Treated Soil)
- Soil Sample Interval
- BDL - July 2013 Groundwater PCE Analytical Data (Reported in µg/L)
- Screened Interval
- Soil PCE Isoconcentration Contour (µg/Kg)
- Groundwater PCE Isoconcentration Contour (µg/L)
- Limits of Beltline Excavation (2013)

BOLD - Bold Denotes Exceedance of RBC Target Cleanup Goals
BDL - VOCs in Groundwater Below Detection Limits (July 2013)
NA - Not Available (Abandoned Well)
NM - Not Measured (Well Covered)
PCE - Tetrachloroethene
TCE - Trichloroethene
cDCE - cis-1,2-Dichloroethene
µg/Kg - Micrograms per Kilogram
µg/L - Micrograms per Liter
* - Abandoned Well (No Potentiometric Data Available)
CH - Clay, High Plasticity
CL - Clay, Low Plasticity
ML - Silt
SC - Clayey Sand
SM - Silty Sand
SW - Well Sorted Sand
GP - Poorly Sorted Sand and Gravel
GW - Well Sorted Sand and Gravel

Note:
Surficial fill material consists of silty clayey sands and silty clays with abundant debris fragments (red brick, concrete, glass, metal, wire)



Location of Cross Section

Vertical Scale
1 inch = 10 ft.

V.E. = 3x

Horizontal Scale
1 inch = 30 ft.

Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
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ARAMARK - DeKalb

Geologic Cross Section C - C'

PROJECT #:	1133-1401-2	DRAWN BY:	TL
SCALE:	As Shown	DATE:	November 20, 2013

Figure F-3

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ATTACHMENT G

July 2013 Groundwater Sampling Forms and Laboratory Analytical Reports

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-109

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-18-13

Comments: PC and Hat Time In: 1438 Time Out: 1610

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water: 9.99 feet below T.O.C. Well Depth: 25.17 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 15.18 ft

1 Well Volume= 2.43 gal

3 Well Volume= 7.29 gal

Total Purged: 7.3 gal

Well Purge Dry (?): yes/no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1454

Purge End Time: 1551

Total Time: 57 min

Purge Rate: 0.13 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 11-12

Calibration Date/Time: 7-18-13 @ 0940

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC	Depth to Intake
1459	0.5	19.38	1310	6.70			4.20	10.65	10
1540	5.8	18.98	1301	6.80			4.90	12.24	12.13
1543	6.3	~~18~~ 19.01	1302	6.81				12.27	
1547	6.8	19.00	1300	6.81					
1551	7.3	18.98	1301	6.80			2.67	12.33	
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

7.3
6.8
6.3
5.8

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 13 feet below T.O.C Final Groundwater Depth(if applic.) 12.33 feet below T.O.C

Final Sample Turbidity: 2.67 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-109	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1558

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-11D

Sampling Personnel: Tony Gordon, (Tom Lawrence), Chad Crumbley Date: 7-18-13

Comments: PC Hot Time In: 1300 Time Out: 1432

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water: 9.89 feet below T.O.C. Well Depth: 22.17 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 13.28 ft

1 Well Volume= 2.12 gal

3 Well Volume= 6.37 gal

Total Purged: 6.4 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): (Low Flow-Low Stress) Micro-purge

Purge Start Time: 1323

Purge End Time: 1410

Total Time: 47 min

Purge Rate: 0.14 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: Hanna 991300 (YSI 556) (Lamotte 2020) ID#'s 1-17

Calibration Date/Time: 7-18-13 @ 0940

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1327	0.5	18.74	546	5.46			1.78	10.05
1359	4.9	18.53	535	5.34			0.72	10.08
1404	5.4	18.40	535	5.33				
1407	5.9	18.43	535	5.33				10.08
1410	6.4	18.43	535	5.37			0.54	
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

6.4
5.9
5.4
4.9

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 10½ feet below T.O.C Final Groundwater Depth(if applic.) 10.08 feet below T.O.C

Final Sample Turbidity: 0.54 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-11D	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1415

Sample Laboratory (circle): ACL/(Kenco)/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-111

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-18-13

Comments: Clear and hot Time In: 1119 Time Out: 1300

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water: 10.31 feet below T.O.C. Well Depth: 25.0 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 14.69 ft

1 Well Volume= 2.35 gal

3 Well Volume= 7.05 gal

Total Purged: 7.1 gal

Well Purge Dry (?): yes no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1139

Purge End Time: 1240

Total Time: 61 min

Purge Rate: 0.12 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 11-12

Calibration Date/Time: 7-18-13 @ 0940

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1144	0.5	18.27	317	4.44			1.87	10.58
1226	5.6	18.44	280	4.34			1.72	10.61
1231	6.1	18.45	278	4.38				
1236	6.6	18.27	282	4.37				
1240	7.1	18.46	277	4.39			1.49	
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

7.1
6.6
6.1
5.6

Depth to Intake 11

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 11 feet below T.O.C Final Groundwater Depth(if applic.) 10.61 feet below T.O.C

Final Sample Turbidity: 1.49 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-111	VOCs (8260B)	40-mL Glass VOA Vial		HCL	1245

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW - 202

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7/17/13

Comments: Good condition Time In: 1345 Time Out: 1610

Well Information

Well Diameter: 2.0 inches Reference Point Marked: Yes No

Depth to Water: 6.50 feet below T.O.C. Well Depth: 21.50 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 15.0 ft

1 Well Volume= 2.4 gal

3 Well Volume= 7.2 gal

Total Purged: 7.5 gal

Well Purge Dry (?): yes/no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1400

Purge End Time: 1545

Total Time: 105 min

Purge Rate: 0.08-0.10 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-8

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 2/8

Calibration Date/Time: 7/17/13 (0941)

Comments: Remove mud from well bottom

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1447	2.5	24.8°	480	6.43	—	—	10.60	10.66
1459	3.5	22.6°	489	6.50	—	—	6.06	10.83
1510	4.5	22.8°	483	6.54	—	—	4.49	10.64
1521	5.5	22.3°	481	6.54	—	—	5.46	10.62
1535	6.5	22.1°	481	6.53	—	—	3.78	10.58
1545	7.5	22.0°	482	6.55	—	—	3.14	10.58
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 11.0 feet below T.O.C Final Groundwater Depth(if applic.) 10.58 feet below T.O.C

Final Sample Turbidity: 3.09 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: Clear sample (non-turbid)

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-202	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1600

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue | AEM Job No.: 1133-1304 | Well No.: MW-204

Sampling Personnel: ~~Tony Gordon, Tom Lawrence~~, Chad Crumbley | Date: 7/18/13

Comments: | Time In: 1621 | Time Out: 1740

Well Information

Well Diameter: 2.0 inches | Reference Point Marked: Yes No

Depth to Water: 12.56 feet below T.O.C. | Well Depth: 22.78 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 10.12 ft

1 Well Volume= 1.70 gal

3 Well Volume= 4.86 gal

Total Purged: 5.0 gal

Well Purge Dry (?): yes/no

Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

Purge Start Time: 1635

Purge End Time: 1728

Total Time: 53 min

Purge Rate: 0.10 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# Rental

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 1/Rental

Calibration Date/Time: 7/18/13 1038

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1644	1.0	22.8	391	7.11	—	—	20.2	13.13
1654	2.0	22.9	398	7.01	—	—	11.3	13.20
1708	3.0	23.1	388	6.39	—	—	9.22	13.51
1714	3.5	22.8	383	6.40	—	—	8.13	13.89
1721	4.0	22.4	381	6.42	—	—	7.39	13.90
1728	5.0	22.5	380	6.45	—	—	8.30	13.91
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

215.0 → Final Tubing/Pump Depth: 20 feet below T.O.C | Final Groundwater Depth(if applic.) 13.91 feet below T.O.C

Final Sample Turbidity: 8.30 NTUs | Ferrous Iron Concentration (if sampled): mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-204	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1730

Sample Laboratory (circle): ACL/Xenco/AES/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue | AEM Job No.: 1133-1304 | Well No.: MW-206

Sampling Personnel: ~~Tony Gordon~~, ~~Tom Lawrence~~, Chad Crumbley | Date: 07/18/13

Comments: | Time In: 1529 | Time Out: 1620

Well Information

Well Diameter: 2.0 inches | Reference Point Marked: (Yes) No

Depth to Water: 4.97 feet below T.O.C. | Well Depth: 14.18 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 9.23 ft | Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

1 Well Volume= 1.48 gal | Purge Start Time: 1529

3 Well Volume= 4.44 gal | Purge End Time: 1612

Total Purged: 4.50 gal | Total Time: 43 min

Well Purge Dry (?): yes/(no) | Purge Rate: 0.1 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri) ID# Pump 1

Pump Tubing Type: Teflon (Teflon-Lined Poly) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 Lamotte 2020 ID#'s 1 / Pump 1

Calibration Date/Time: 7/18/13 1038

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1537	1.0	23.8	237	5.19	—	—	16.8	5.22
1545	2.0	23.7	249	5.53	—	—	12.6	5.31
1551	3.0	23.2	255	5.50	—	—	6.87	5.39
1606	4.0	23.1	256	5.51	—	—	6.11	5.44
1612	4.50	23.3	258	5.56	—	—	5.51	5.66
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~8 feet below T.O.C | Final Groundwater Depth(if applic.) 5.66 feet below T.O.C

Final Sample Turbidity: 5.51 NTUs | Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-206	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1615

Sample Laboratory (circle): ACL/~~Xenco~~/~~AES~~/Other | Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue | AEM Job No.: 1133-1304 | Well No.: MW-2071

Sampling Personnel: ~~Tony Gordon~~, ~~Tom Lawrence~~, Chad Crumbley | Date: 7/18/13

Comments: | Time In: 1410 | Time Out: 1510

Well Information

Well Diameter: 1.0 inches | Reference Point Marked: (Yes) No

Depth to Water: 1.44 feet below T.O.C. | Well Depth: 10.20 feet below T.O.C.

(0.04) gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 8.71 ft | Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

1 Well Volume= .35 gal | Purge Start Time: 1417

3 Well Volume= 1.05 gal | Purge End Time: 1459

Total Purged: 1.75 gal | Total Time: 42 min

Well Purge Dry (?): yes/(no) | Purge Rate: 0.04 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. | Pump: Grundfos (Peri.) | ID# Rental

Pump Tubing Type: Teflon | Teflon-Lined Poly. | Polyethylene

Meter(s) Used: Hanna 991300 | YSI 556 | (Lamotte 2020) | ID#'s 1 / Rental

Calibration Date/Time: 7/18/13 1038

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1435	.25	23.4	217	6.13	—	—	9.75	1.61
1441	.50	23.2	216	6.14	—	—	8.00	1.89
1447	.75	23.6	219	6.14	—	—	8.24	1.96
1453	1.00	23.4	220	6.14	—	—	8.50	2.01
1459	1.25	23.0	221	6.14	—	—	8.53	2.02
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer | (Straw Method) | Pump Tubing | Vacuum Jug | Other

Final Tubing/Pump Depth: ~5.0 feet below T.O.C | Final Groundwater Depth(if applic.) 2.02 feet below T.O.C

Final Sample Turbidity: 8.53 NTUs | Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-2071	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1503

Sample Laboratory (circle): ACL/Xenco/AES/Other | Delivery Method: (Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-208P

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7/18/13

Comments: Time In: 0950 Time Out: 1100

Well Information

Well Diameter: 2.0 inches Reference Point Marked: Yes No

Depth to Water: 6.60 feet below T.O.C. Well Depth: 13.11 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 6.51 ft

1 Well Volume= 0.04 gal

3 Well Volume= 0.12 gal

Total Purged: 3.0 gal

Well Purge Dry (?): yes no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1000

Purge End Time: 1048

Total Time: 48 min

Purge Rate: 0.07 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-8

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s

Calibration Date/Time: 0930 7/18/13

Comments: mud Removed from Well bottom

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1030	1.5	23.2°	499	6.48	—	—	6.12	—
1037	2.0	22.7°	507	6.50	—	—	5.83	—
1040	2.5	21.9°	507	6.49	—	—	5.23	—
1048	3.0	22.2°	510	6.52	—	—	4.37	7.95
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 8.5 feet below T.O.C Final Groundwater Depth(if applic.) 7.95 feet below T.O.C

Final Sample Turbidity: 4.37 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: Clear Purge water / Sample

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-208P	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1050

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-210

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7/18/13

Comments: Time In: 1110 Time Out: 1245

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 13.41 feet below T.O.C. Well Depth: 25.35 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 11.94 ft

1 Well Volume= 1.9 gal

3 Well Volume= 5.7 gal

Total Purged: 6.0 gal

Well Purge Dry (?): yes (no)

Purge Method (check): (Low Flow-Low Stress) Micro-purge

Purge Start Time: 1131

Purge End Time: 1230

Total Time: 59 min

Purge Rate: 0.10 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# PE

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#s 2/8

Calibration Date/Time: 0930 7/18/13

Comments: H_2S odor / clear purge water

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1150	2.0	24.4°	590	6.29	—	—	8.01	—
1200	3.0	21.9°	628	6.32	—	—	6.30	—
1210	4.0	21.4°	612	6.29	—	—	5.48	—
1220	5.0	21.8°	608	6.28	—	—	4.89	—
1230	6.0	21.7°	605	6.27	—	—	4.77	17.27
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 17.5 feet below T.O.C Final Groundwater Depth(if applic.) 17.27 feet below T.O.C

Final Sample Turbidity: 4.77 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: clear sample, H_2S odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-210	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1235

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-211

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7/18/13

Comments: Time In: 1350 Time Out:

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 12.45 feet below T.O.C. Well Depth 23.24 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 10.79 ft

1 Well Volume= 1.8 gal

3 Well Volume= 5.4 gal

Total Purged: 5.5 gal

Well Purge Dry (?): yes (no)

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1412

Purge End Time: 1516

Total Time: 64 min

Purge Rate: 0.10 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-8

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 7 18

Calibration Date/Time: 0930 7/18/13

Comments: clear

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1431	2.0	26.5°	782	6.84	—	—	5.40	—
1443	3.0	23.6°	800	6.92	—	—	5.39	—
1454	4.0	21.70	805	6.89	—	—	4.73	—
1510	5.0	21.90	799	6.87	—	—	5.32	—
1516	5.5	21.80	802	6.85	—	—	5.11	18.46
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 18.70' feet below T.O.C Final Groundwater Depth (if applic.) 18.46 feet below T.O.C (final)

Final Sample Turbidity: 5.11 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: Clear straight no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-211	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1520

Sample Laboratory (circle): ACL/(Xenco)/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-212

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-19-13

Comments: PC Hot Time In: 0940 Time Out: 1200

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water: 9.47 feet below T.O.C. Well Depth: 17.50 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 8.03 ft

1 Well Volume= 1.28 gal

3 Well Volume= 3.85 gal

Total Purged: 3.9 gal

Well Purge Dry (?): yes no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 0956

Purge End Time: 1133

Total Time: 97 min

Purge Rate: 0.04 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 11-12

Calibration Date/Time: 7-19-13 @ 0855

Comments:

64
33
97

3.9
3.6
3.3
3.0

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC	Depth to Intake
1004	0.5	19.82	2237	11.47			10.39		11
1010	0.8			11.16	used Hannah #		1 from Chad		12
1107	3.0	20.05	2003	11.54			5.57	12.38	13
1116	3.3	19.72	2001	11.54				12.50	13
1125	3.6	19.54	2000	11.56			3.36	12.61	13
1133	3.9	19.59	1992	11.54				12.69	13
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 13 feet below T.O.C Final Groundwater Depth(if applic.) 12.69 feet below T.O.C

Final Sample Turbidity: 3.36 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-212	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1140
MW-212Dup	VOC (8260B)	40ml VOA	2	HCL	1142

Sample Laboratory (circle): ACL Xenco AES/Other Delivery Method: Hand Delivery Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue | AEM Job No.: 1133-1304 | Well No.: MW - 213

Sampling Personnel: ~~Tony Gordon~~, ~~Tom Lawrence~~, Chad Crumbley | Date: 7/19/13

Comments: | Time In: 1120 | Time Out: 1245

Well Information

Well Diameter: 2-6 inches | Reference Point Marked: Yes No

Depth to Water: 9.05 feet below T.O.C. | Well Depth: 17.00 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: ~~12.95~~ 7.95 ft | Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

1 Well Volume= ~~1.29~~ 1.27 gal | Purge Start Time: ~~1130~~ 1211

3 Well Volume= 3.82 gal | Purge End Time: 1225

Total Purged: 3.85 gal | Total Time: 14 min

Well Purge Dry (?): yes no | Purge Rate: 0.08 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# Rental

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 1 / Rental

Calibration Date/Time: 7/19/13 0851

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1147	.75	22.4	631	6.51	—	—	13.56	10.92
1157	1.5	22.3	624	7.14	—	—	10.14	11.14
1209	2.0	22.1	630	7.01	—	—	10.50	11.17
1217	3.0	20.8	637	7.12	—	—	6.11	11.20
1225	3.5	20.7	639	7.10	—	—	5.25	11.23
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~13 feet below T.O.C | Final Groundwater Depth(if applic.) 11.23 feet below T.O.C

Final Sample Turbidity: 7.10 NTUs | Ferrous Iron Concentration (if sampled): mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-413	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1232

Sample Laboratory (circle): ACL/Xenco/AES/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-214

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-18-2013

Comments: Time In: 1540 Time Out: 1855

Well Information

Well Diameter: 2-0 inches Reference Point Marked: Yes No

Depth to Water: 10.29 feet below T.O.C. Well Depth: 76.70 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 66.41 ft

1 Well Volume= 10.6 gal

3 Well Volume= 31.8 gal

Total Purged: 32 gal

Well Purge Dry (?): yes/no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1554

Purge End Time: 1832

Total Time: 158 min

Purge Rate: 0.25 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-B

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 2/8

Calibration Date/Time: 0930 7/18/2013

Comments: clear water

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1648	10.0	26.1°	677	5.54	—	—	3.75	—
1709	15.0	22.1°	687	5.50	—	—	4.42	—
1733	20.0	23.0°	684	5.48	—	—	3.57	—
1757	25.0	22.2°	680	5.48	—	—	3.03	12.75
1825	30.0	22.1°	680	5.49	—	—	3.76	12.16
1832	32.0	22.1°	681	5.50	—	—	3.55	12.10
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 13.0 feet below T.O.C Final Groundwater Depth(if applic.) 12-10 feet below T.O.C

Final Sample Turbidity: 3.55 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-214	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	0835

Sample Laboratory (circle): ACL/~~Xenco~~/~~AES~~/Other Delivery Method: ~~Hand Delivery~~/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue | AEM Job No.: 1133-1304 | Well No.: MW-306

Sampling Personnel: Tony Gordon, (Tom Lawrence), Chad Crumbley | Date: 7-18-13

Comments: PC and chat with Breeze | Time In: 1615 | Time Out: 1821

Well Information

Well Diameter: ~~30.67~~ 2 inches | Reference Point Marked: (Yes) No

Depth to Water: 6.52 feet below T.O.C. | Well Depth: 30.67 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 24.15 ft | Purge Method (check): (Low Flow-Low Stress) Micro-purge

1 Well Volume= 3.86 gal | Purge Start Time: 1635

3 Well Volume= 11.59 gal | Purge End Time: 1754

Total Purged: 11.6 gal | Total Time: 79 min

Well Purge Dry (?): yes/(no) | Purge Rate: 0.15 gpm

25
54
79

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon (Teflon-Lined Poly) Polyethylene

Meter(s) Used: Hanna 991300 (YSI 556) (Lamotte 2020) ID#'s 1-12

Calibration Date/Time: 7-18-13 @ 0940

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1640	0.5	22.79	282	4.79			6.39	7.15
1740	9.5	20.72	374	4.37			0.71	7.51
1745	10.2	20.62	373	4.33				
1750	10.9	20.59	375	4.33				
1754	11.6	20.65	372	4.33			0.69	7.55
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

11.6
10.9
10.2
9.5

7½
8

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 8 feet below T.O.C | Final Groundwater Depth(if applic.) 7.55 feet below T.O.C

Final Sample Turbidity: 0.69 NTUs | Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-306	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1800

Sample Laboratory (circle): ACL/(Xenco)/AES/Other | Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-401

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-17-13

Comments: Mostly clear & Hot with Soft breeze Time In: 1315 Time Out: 1458

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water: 5.67 feet below T.O.C. Well Depth: 15.95 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 10.28 ft

1 Well Volume= 1.64 gal

3 Well Volume= 4.93 gal

Total Purged: 5 gal

Well Purge Dry (?): yes/no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1351

Purge End Time: 1437

Total Time: 46 min

Purge Rate: 0.11 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s

Calibration Date/Time: 7/17/13

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1356	0.4	20.31	373	6.22				
1424	3 1/2	19.30	363	6.32			2.45	5.97
1428	4	19.42	360	6.31				
1432	4 1/2	19.58	361	6.31				5.97
1437	5	19.39	358	6.31			3.03	
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Tube Intake 6 1/2

0 0 0 5 4 1/2 4 3 1/2

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 6 1/2 feet below T.O.C Final Groundwater Depth(if applic.) 5.97 feet below T.O.C

Final Sample Turbidity: 3.03 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-401	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1443

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-402

Sampling Personnel: Tony Gordon, Tom Lawrence, Chad Crumbley Date: 7-18-13

Comments: Clear and mild w/ Breeze Time In: 0950 Time Out: 1119

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water: 12.91 feet below T.O.C. Well Depth: 19.47 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 6.56 ft

1 Well Volume= 1.05 gal

3 Well Volume= 3.15 gal

Total Purged: 3.2 gal

Well Purge Dry (?): yes no

Purge Method (check): Low Flow-Low Stress Micro-purge

Purge Start Time: 1016

Purge End Time: 1057

Total Time: 41 min

Purge Rate: 0.08 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# P-7

Pump Tubing Type: Teflon Teflon-Lined Poly. Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 11-12

Calibration Date/Time: 7/18/13 @ 0940

Comments: Battery died @ 0.2 gal • Changed out

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC	Intake Depth
1024	0.5	18.26	402	4.94			1.82	13.14	14
1047	2.0	17.65	387	5.03			3.21	13.41	
1051	2.4	17.65	383	5.04				13.42	
1054	2.8	17.70	381	5.04					
1057	3.2	17.83	380	5.05			2.45	13.43	
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

3.2
2.8
2.4
2.0

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 14 feet below T.O.C Final Groundwater Depth(if applic.) feet below T.O.C

Final Sample Turbidity: 2.45 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-402	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1107

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-403

Sampling Personnel: ~~Tony Gordon~~, ~~Tom Lawrence~~, Chad Crumbley Date: 7/19/13

Comments: Time In: 0930 Time Out: 1102

Well Information

Well Diameter: 2.0 inches Reference Point Marked: Yes No

Depth to Water: 14.15 feet below T.O.C. Well Depth: 22.97 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 8.81 ft

1 Well Volume= 1.41 gal

3 Well Volume= 4.23 gal

Total Purged: 4.75 gal

Well Purge Dry (?): yes/no

Purge Method (check): ✓Low Flow-Low Stress Micro-purge

Purge Start Time: 0950

Purge End Time: 1057

Total Time: 67 min

Purge Rate: 0.08 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos Peri. ID# Rental

Pump Tubing Type: Teflon Teflon-Lined Poly Polyethylene

Meter(s) Used: Hanna 991300 YSI 556 Lamotte 2020 ID#'s 1/Rental

Calibration Date/Time: 7/19/13 0851

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1005	1.0	22.1	1137	6.96	—	—	9.29	15.14
1015	2.0	22.4	1156	7.01	—	—	6.39	16.21
1026	3.0	22.8	1147	6.50	—	—	5.69	16.39
1037	4.0	22.5	1148	6.46	—	—	6.22	16.15
1045	4.5	22.6	1146	6.51	—	—	6.02	16.17
1057	4.75	22.8	1149	6.47	—	—	5.21	16.17
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer Straw Method Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~18 feet below T.O.C Final Groundwater Depth(if applic.) 16.17 feet below T.O.C

Final Sample Turbidity: 5.21 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-403	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1055
MW-403 Dup	"	"	2	"	1055

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/FedEx/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-405

Sampling Personnel: Tony Gordon, (Tom Lawrence), Chad Crumbley Date: 7/17/13

Comments: PC and Hot with Breeze Time In: 1500 Time Out: 1616

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water: 11.16 feet below T.O.C. Well Depth: 18.60 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.44 ft

1 Well Volume= 1.19 gal

3 Well Volume= 3.57 gal

Total Purged: 3.6 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): Low Flow-Low Stress / Micro-purge

Purge Start Time: 1520

Purge End Time: 1557

Total Time: 37 min

Purge Rate: 0.10 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# P-7

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: Hanna 991300 (YSI 556) (Lamotte 2020) ID#'s

Calibration Date/Time: 7/17/13 @

Comments:

Groundwater Field Parameters

	Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC	Tube Intake Depth
3.6	1527	0.5	21.92	416	4.14			4.27	11.80	12
3.2	1546	2.4	21.62	406	4.13				12.00	2.5
2.8	1551	2.8	21.36	406	4.12				12.02	
2.4	1555	3.2	21.33	407	4.11			1.56	12.02	
	1557	3.6	21.28	406	4.10			1.08	—	
	Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: 12.5 feet below T.O.C Final Groundwater Depth(if applic.) 12.02 feet below T.O.C

Final Sample Turbidity: 1.08 NTUs Ferrous Iron Concentration (if sampled): N/A mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-405	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1604

Sample Laboratory (circle): ACL/(Xenco)/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Thomas L Lawrence

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-409

Sampling Personnel: ~~Tony Gordon~~, ~~Tom Lawrence~~, Chad Crumbley Date: 7/18/13

Comments: Time In: 1245 Time Out: 1410

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 12.25 feet below T.O.C. Well Depth: 20.0 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.75 ft

1 Well Volume= 1.24 gal

3 Well Volume= 3.72 gal

Total Purged: 4.00 gal

Well Purge Dry (?): yes (no)

Purge Method (check): ✓ Low Flow-Low Stress | Micro-purge

Purge Start Time: 1249

Purge End Time: 1356

Total Time: 73 min

Purge Rate: .04 gpm

Purging Equipment and Calibration Information

Bailer: Teflon Poly. Pump: Grundfos (Peri.) ID# Rental

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 1 / Rental

Calibration Date/Time: 7/18/13 1038

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1255	.5	23.8	377	4.36	—	—	129.0	12.50
1313	1.0	23.2	766	4.24	—	—	88.0	12.54
1324	2.0	23.0	768	4.11	—	—	70.4	12.55
1339	3.0	22.8	770	4.03	—	—	41.1	12.55
1349	3.5	22.7	771	4.04	—	—	13.7	12.55
1356	4.0	22.8	773	4.08	—	—	8.8	12.55
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~14 feet below T.O.C Final Groundwater Depth(if applic.) 12.55 feet below T.O.C

Final Sample Turbidity: 8.8 NTUs Ferrous Iron Concentration (if sampled): mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-409	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1403

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: ARAMARK DeKalb Avenue AEM Job No.: 1133-1304 Well No.: MW-409 D

Sampling Personnel: ~~Tony Gordon~~, Tom Lawrence, Chad Crumbley Date: 7/18/13

Comments: Time In: 1042 Time Out: 1240

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 12.07 feet below T.O.C. Well Depth: 29.90 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
(0.16) gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 17.83 ft

1 Well Volume= 2.85 gal

3 Well Volume= 8.56 gal

Total Purged: 8.75 gal

Well Purge Dry (?): yes/(no)

Purge Method (check): ✓Low Flow-Low Stress Micro-purge

Purge Start Time: 1102

Purge End Time: 1244

Total Time: 104 182 min

Purge Rate: .09 gpm

Purging Equipment and Calibration Information

Bailer: (Teflon) Poly. Pump: Grundfos (Peri.) ID# Rental

Pump Tubing Type: Teflon (Teflon-Lined Poly.) Polyethylene

Meter(s) Used: (Hanna 991300) YSI 556 (Lamotte 2020) ID#'s 1/Rental

Calibration Date/Time: 7/18/13 1032

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1112	1.0	24.2	388	4.18	—	—	40.2	14.33
1125	2.0	24.0	378	4.16	—	—	29.3	15.20
1143	3.0	23.7	393	4.02	—	—	11.1	14.66
1200	4.5	23.5	394	4.08	—	—	12.0	14.72
1220	6.0	23.3	380	4.16	—	—	9.22	14.93
1228	7.0	23.3	383	4.16	—	—	8.11	15.10
1237	8.0	23.4	395	4.19	—	—	8.92	15.13
1244	8.75	23.2	382	4.20	—	—	9.21	15.15
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): Bailer (Straw Method) Pump Tubing Vacuum Jug Other

Final Tubing/Pump Depth: ~17.00 feet below T.O.C Final Groundwater Depth (if applic.) 15.15 feet below T.O.C

Final Sample Turbidity: 9.21 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-409	VOCs (8260B)	40-mL Glass VOA Vial	2	HCL	1230

Sample Laboratory (circle): ACL/Xenco/AES/Other Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature:

State of Florida

Department of Health, Bureau of Public Health Laboratories

This is to certify that

E87429

XENCO LABORATORIES - ATLANTA
6017 FINANCIAL DRIVE
NORCROSS, GA 30071

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2013 Expiration Date: June 30, 2014

Victor Johnson, Director
Division of Emergency Preparedness and Community Support
DH Form 1697, 7/04
NON-TRANSFERABLE E87429-29-07/01/2013
Supersedes all previously issued certificates

Analytical Report 467066

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1304

31-JUL-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-14-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

31-JUL-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **467066**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 467066. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 467066 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan, Jr.

Eben Buchanan
Project Manager

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Sample Cross Reference 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-401	W	07-17-13 14:43		467066-001
MW-202	W	07-17-13 16:00		467066-002
MW-405	W	07-17-13 16:04		467066-003
MW-208P	W	07-18-13 10:50		467066-004
MW-402	W	07-18-13 11:07		467066-005
MW-409D	W	07-18-13 12:30		467066-006
MW-111	W	07-18-13 12:45		467066-007
MW-110	W	07-18-13 14:15		467066-008
MW-210	W	07-18-13 12:35		467066-009
MW-211	W	07-18-13 15:20		467066-010
MW-214	W	07-18-13 18:35		467066-011
MW-409	W	07-18-13 14:03		467066-012
MW-207P	W	07-18-13 15:03		467066-013
MW-206	W	07-18-13 16:15		467066-014
MW-204	W	07-18-13 17:30		467066-015
MW-306	W	07-18-13 18:00		467066-016
MW-109	W	07-18-13 15:58		467066-017
MW-212	W	07-19-13 11:40		467066-018
MW-212 DUP	W	07-19-13 11:42		467066-019
MW-213	W	07-19-13 12:32		467066-020
MW-403	W	07-19-13 10:55		467066-021
MW-403 DUP	W	07-19-13 10:55		467066-022
Trip Blank	W	07-19-13 00:00		467066-023

CASE NARRATIVE

Client Name: Atlanta Environmental Management
Project Name: Aramark - Dekalb (Dekalb Ave)

Project ID: *1133-1304*
Work Order Number(s): *467066*

Report Date: *31-JUL-13*
Date Received: *07/19/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-919367 VOCs by SW-846 8260B
SW8260B_ATL

Batch 919367, Methyl acetate recovered above QC limits in the Blank Spike and Duplicate.
Samples affected are: 467066-022.

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-208P**
Lab Sample Id :467066-004

Matrix : Water
Date Collected :07.18.13 10.50
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919107

Prep Method: SW5030B
Date Prep: 07.23.13 06.20

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	6.8	ug/L	07.23.13 11.07		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-409**
Lab Sample Id :467066-012

Matrix : Water
Date Collected :07.18.13 14.03
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	9.7	ug/L	07.24.13 10.38		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-207P**
Lab Sample Id :467066-013

Matrix : Water
Date Collected :07.18.13 15.03
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	12	ug/L	07.24.13 11.04		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-206**
Lab Sample Id :467066-014

Matrix : Water
Date Collected :07.18.13 16.15
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	23	ug/L	07.24.13 10.10		1
Methyl tert-butyl ether	1634-04-4	79	ug/L	07.24.13 10.10		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-204**
Lab Sample Id : 467066-015

Matrix : Water
Date Collected : 07.18.13 17.30
Date Received : 07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	8.5	ug/L	07.24.13 11.30		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-306**
Lab Sample Id :467066-016

Matrix : Water
Date Collected :07.18.13 18.00
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	23	ug/L	07.24.13 11.57		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-212**
Lab Sample Id :467066-018

Matrix : Water
Date Collected :07.19.13 11.40
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919107

Prep Method: SW5030B
Date Prep: 07.23.13 06.20

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
2-Butanone (MEK)	78-93-3	160	ug/L	07.23.13 14.39		1
Acetone	67-64-1	620	ug/L	07.23.13 16.03	D	10
cis-1,2-Dichloroethene	156-59-2	58	ug/L	07.23.13 14.39		1
Tetrachloroethene	127-18-4	150	ug/L	07.23.13 14.39		1
Trichloroethene	79-01-6	24	ug/L	07.23.13 14.39		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-212 DUP**
Lab Sample Id :467066-019

Matrix : Water
Date Collected :07.19.13 11.42
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919107

Prep Method: SW5030B
Date Prep: 07.23.13 06.20

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
2-Butanone (MEK)	78-93-3	140	ug/L	07.23.13 15.06		1
Acetone	67-64-1	610	ug/L	07.23.13 16.33	D	10
cis-1,2-Dichloroethene	156-59-2	53	ug/L	07.23.13 15.06		1
Tetrachloroethene	127-18-4	140	ug/L	07.23.13 15.06		1
Trichloroethene	79-01-6	22	ug/L	07.23.13 15.06		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-213**
Lab Sample Id :467066-020

Matrix : Water
Date Collected :07.19.13 12.32
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919107

Prep Method: SW5030B
Date Prep: 07.23.13 06.20

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	160	ug/L	07.23.13 15.34		1
Tetrachloroethene	127-18-4	130	ug/L	07.23.13 15.34		1
Trichloroethene	79-01-6	54	ug/L	07.23.13 15.34		1
Vinyl chloride	75-01-4	3.5	ug/L	07.23.13 15.34		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-403**
Lab Sample Id :467066-021

Matrix : Water
Date Collected :07.19.13 10.55
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919182

Prep Method: SW5030B
Date Prep: 07.24.13 06.40

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	27	ug/L	07.24.13 12.52		1
Vinyl chloride	75-01-4	190	ug/L	07.24.13 12.52		1

Hits Summary 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id : **MW-403 DUP**
Lab Sample Id :467066-022

Matrix : Water
Date Collected :07.19.13 10.55
Date Received :07.19.13 15.35

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 919367

Prep Method: SW5030B
Date Prep: 07.26.13 20.51

Parameter	Cas Numbe	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	26	ug/L	07.27.13 03.31		1
Vinyl chloride	75-01-4	180	ug/L	07.27.13 03.31		1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-401** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-001 Date Collected: 07.17.13 14.43

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 14.12	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 14.12	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 14.12	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 14.12	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 14.12	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 14.12	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 14.12	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 14.12	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 14.12	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 14.12	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 14.12	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 14.12	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 14.12	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 14.12	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 14.12	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 14.12	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-401** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-001 Date Collected: 07.17.13 14.43

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 14.12	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 14.12	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 14.12	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 14.12	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 14.12	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 14.12	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 14.12	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 14.12	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 14.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 14.12	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.23.13 14.12	
Toluene-D8	2037-26-5	92	%	70-130	07.23.13 14.12	

Certificate of Analytical Results 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-202** Matrix: Water Date Received:07.19.13 15.35
Lab Sample Id: 467066-002 Date Collected: 07.17.13 16.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 07.23.13 06.20
Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 10.14	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 10.14	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 10.14	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 10.14	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 10.14	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 10.14	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 10.14	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 10.14	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 10.14	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 10.14	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 10.14	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 10.14	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 10.14	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 10.14	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 10.14	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 10.14	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-202** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-002 Date Collected: 07.17.13 16.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 10.14	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 10.14	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 10.14	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 10.14	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 10.14	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 10.14	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 10.14	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 10.14	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 10.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.23.13 10.14	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 10.14	
Toluene-D8	2037-26-5	104	%	70-130	07.23.13 10.14	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-405** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-003 Date Collected: 07.17.13 16.04

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 10.41	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 10.41	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 10.41	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 10.41	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 10.41	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 10.41	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 10.41	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 10.41	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 10.41	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 10.41	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 10.41	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 10.41	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 10.41	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 10.41	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 10.41	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 10.41	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-405** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-003 Date Collected: 07.17.13 16.04

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 10.41	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 10.41	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 10.41	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 10.41	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 10.41	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 10.41	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 10.41	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 10.41	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 10.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	96	%	53-159	07.23.13 10.41	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.23.13 10.41	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 10.41	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-208P** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-004 Date Collected: 07.18.13 10.50

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 11.07	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 11.07	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 11.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 11.07	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 11.07	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 11.07	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 11.07	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 11.07	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 11.07	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 11.07	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 11.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 11.07	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 11.07	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 11.07	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 11.07	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 11.07	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-208P** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-004 Date Collected: 07.18.13 10.50

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 11.07	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 11.07	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 11.07	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
Tetrachloroethene	127-18-4	**6.8**	5.0	ug/L	07.23.13 11.07		1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 11.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 11.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 11.07	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 11.07	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 11.07	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 11.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 11.07	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 11.07	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 11.07	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-402** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-005 Date Collected: 07.18.13 11.07

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 11.33	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 11.33	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 11.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 11.33	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 11.33	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 11.33	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 11.33	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 11.33	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 11.33	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 11.33	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 11.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 11.33	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 11.33	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 11.33	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 11.33	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 11.33	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-402** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-005 Date Collected: 07.18.13 11.07

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 11.33	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 11.33	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 11.33	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 11.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 11.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 11.33	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 11.33	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 11.33	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 11.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.23.13 11.33	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.23.13 11.33	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 11.33	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-409D** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-006 Date Collected: 07.18.13 12.30

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 12.00	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 12.00	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 12.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 12.00	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 12.00	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 12.00	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 12.00	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 12.00	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 12.00	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 12.00	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 12.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 12.00	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 12.00	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 12.00	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 12.00	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 12.00	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-409D** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-006 Date Collected: 07.18.13 12.30

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 12.00	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 12.00	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 12.00	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 12.00	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 12.00	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 12.00	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 12.00	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 12.00	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 12.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 12.00	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 12.00	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 12.00	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-111** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-007 Date Collected: 07.18.13 12.45

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 12.26	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 12.26	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 12.26	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 12.26	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 12.26	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 12.26	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 12.26	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 12.26	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 12.26	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 12.26	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 12.26	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 12.26	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 12.26	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 12.26	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 12.26	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 12.26	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-111** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-007 Date Collected: 07.18.13 12.45

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 12.26	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 12.26	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 12.26	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 12.26	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 12.26	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 12.26	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 12.26	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 12.26	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 12.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.23.13 12.26	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 12.26	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 12.26	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-110** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-008 Date Collected: 07.18.13 14.15

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 12.52	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 12.52	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 12.52	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 12.52	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 12.52	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 12.52	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 12.52	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 12.52	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 12.52	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 12.52	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 12.52	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 12.52	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 12.52	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 12.52	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 12.52	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 12.52	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-110** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-008 Date Collected: 07.18.13 14.15

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 12.52	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 12.52	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 12.52	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 12.52	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 12.52	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 12.52	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 12.52	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 12.52	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 12.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 12.52	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 12.52	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 12.52	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-210** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-009 Date Collected: 07.18.13 12.35

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 13.19	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 13.19	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 13.19	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 13.19	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 13.19	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 13.19	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 13.19	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 13.19	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 13.19	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 13.19	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 13.19	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 13.19	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 13.19	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 13.19	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 13.19	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 13.19	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-210** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-009 Date Collected: 07.18.13 12.35

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 13.19	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 13.19	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 13.19	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 13.19	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 13.19	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 13.19	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 13.19	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 13.19	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 13.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.23.13 13.19	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 13.19	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 13.19	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-211** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-010 Date Collected: 07.18.13 15.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 13.45	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 13.45	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 13.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 13.45	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 13.45	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 13.45	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 13.45	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 13.45	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 13.45	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 13.45	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 13.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 13.45	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 13.45	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 13.45	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 13.45	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 13.45	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-211** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-010 Date Collected: 07.18.13 15.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 13.45	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 13.45	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 13.45	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 13.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 13.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 13.45	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 13.45	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 13.45	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 13.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 13.45	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 13.45	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 13.45	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-214** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-011 Date Collected: 07.18.13 18.35

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 09.44	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 09.44	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 09.44	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 09.44	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 09.44	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 09.44	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 09.44	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 09.44	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 09.44	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 09.44	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 09.44	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 09.44	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 09.44	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 09.44	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 09.44	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 09.44	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-214** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-011 Date Collected: 07.18.13 18.35

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 09.44	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 09.44	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 09.44	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 09.44	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 09.44	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 09.44	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 09.44	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 09.44	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 09.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 09.44	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 09.44	
Toluene-D8	2037-26-5	100	%	70-130	07.24.13 09.44	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-409** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-012 Date Collected: 07.18.13 14.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 10.38	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 10.38	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 10.38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 10.38	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 10.38	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 10.38	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 10.38	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 10.38	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 10.38	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 10.38	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 10.38	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 10.38	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 10.38	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 10.38	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 10.38	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 10.38	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-409** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-012 Date Collected: 07.18.13 14.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 10.38	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 10.38	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 10.38	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
Tetrachloroethene	127-18-4	**9.7**	5.0	ug/L	07.24.13 10.38		1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 10.38	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 10.38	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 10.38	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 10.38	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 10.38	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 10.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 10.38	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 10.38	
Toluene-D8	2037-26-5	100	%	70-130	07.24.13 10.38	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-207P** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-013 Date Collected: 07.18.13 15.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 11.04	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 11.04	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 11.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 11.04	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 11.04	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 11.04	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 11.04	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 11.04	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 11.04	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 11.04	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 11.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 11.04	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 11.04	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 11.04	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 11.04	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 11.04	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-207P** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-013 Date Collected: 07.18.13 15.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 11.04	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 11.04	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 11.04	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
Tetrachloroethene	127-18-4	**12**	5.0	ug/L	07.24.13 11.04		1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 11.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 11.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 11.04	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 11.04	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 11.04	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 11.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 11.04	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 11.04	
Toluene-D8	2037-26-5	102	%	70-130	07.24.13 11.04	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-206** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-014 Date Collected: 07.18.13 16.15

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 10.10	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 10.10	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 10.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 10.10	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 10.10	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 10.10	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 10.10	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 10.10	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 10.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 10.10	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 10.10	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 10.10	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 10.10	U	1
cis-1,2-Dichloroethene	156-59-2	**23**	5.0	ug/L	07.24.13 10.10		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 10.10	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 10.10	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 10.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 10.10	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 10.10	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-206** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-014 Date Collected: 07.18.13 16.15

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	**79**	5.0	ug/L	07.24.13 10.10		1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 10.10	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 10.10	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 10.10	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 10.10	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 10.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 10.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 10.10	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 10.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 10.10	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 10.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.24.13 10.10	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 10.10	
Toluene-D8	2037-26-5	102	%	70-130	07.24.13 10.10	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-204** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-015 Date Collected: 07.18.13 17.30

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 11.30	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 11.30	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 11.30	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 11.30	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 11.30	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 11.30	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 11.30	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 11.30	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 11.30	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 11.30	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 11.30	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 11.30	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 11.30	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 11.30	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 11.30	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 11.30	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-204** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-015 Date Collected: 07.18.13 17.30

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 11.30	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 11.30	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 11.30	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
Tetrachloroethene	127-18-4	**8.5**	5.0	ug/L	07.24.13 11.30		1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 11.30	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 11.30	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 11.30	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 11.30	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 11.30	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 11.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.24.13 11.30	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 11.30	
Toluene-D8	2037-26-5	98	%	70-130	07.24.13 11.30	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-306** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-016 Date Collected: 07.18.13 18.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 11.57	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 11.57	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 11.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 11.57	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 11.57	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 11.57	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 11.57	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 11.57	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 11.57	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 11.57	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 11.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 11.57	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 11.57	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 11.57	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 11.57	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 11.57	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-306** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-016 Date Collected: 07.18.13 18.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 11.57	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 11.57	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 11.57	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
Tetrachloroethene	127-18-4	**23**	5.0	ug/L	07.24.13 11.57		1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 11.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 11.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 11.57	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 11.57	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 11.57	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 11.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 11.57	
4-Bromofluorobenzene	460-00-4	106	%	30-186	07.24.13 11.57	
Toluene-D8	2037-26-5	100	%	70-130	07.24.13 11.57	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-109** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-017 Date Collected: 07.18.13 15.58

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 12.24	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 12.24	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 12.24	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 12.24	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 12.24	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 12.24	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 12.24	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 12.24	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 12.24	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 12.24	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 12.24	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 12.24	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 12.24	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 12.24	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 12.24	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 12.24	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-109** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-017 Date Collected: 07.18.13 15.58

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 12.24	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 12.24	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 12.24	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 12.24	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 12.24	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 12.24	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 12.24	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 12.24	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.24.13 12.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 12.24	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.24.13 12.24	
Toluene-D8	2037-26-5	100	%	70-130	07.24.13 12.24	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-018 Date Collected: 07.19.13 11.40

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 14.39	U	1
2-Butanone (MEK)	78-93-3	**160**	50	ug/L	07.23.13 14.39		1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 14.39	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 14.39	U	1
Acetone	67-64-1	**620**	500	ug/L	07.23.13 16.03	D	10
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 14.39	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 14.39	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 14.39	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 14.39	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 14.39	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 14.39	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 14.39	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 14.39	U	1
cis-1,2-Dichloroethene	156-59-2	**58**	5.0	ug/L	07.23.13 14.39		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 14.39	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 14.39	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 14.39	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 14.39	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 14.39	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-018 Date Collected: 07.19.13 11.40

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 14.39	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 14.39	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 14.39	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 14.39	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
Tetrachloroethene	127-18-4	**150**	5.0	ug/L	07.23.13 14.39		1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 14.39	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 14.39	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 14.39	U	1
Trichloroethene	79-01-6	**24**	5.0	ug/L	07.23.13 14.39		1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 14.39	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 14.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 14.39	
4-Bromofluorobenzene	460-00-4	102	%	30-186	07.23.13 14.39	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 14.39	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212 DUP** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-019 Date Collected: 07.19.13 11.42

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 15.06	U	1
2-Butanone (MEK)	78-93-3	**140**	50	ug/L	07.23.13 15.06		1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 15.06	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 15.06	U	1
Acetone	67-64-1	**610**	500	ug/L	07.23.13 16.33	D	10
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 15.06	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 15.06	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 15.06	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 15.06	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 15.06	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 15.06	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 15.06	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 15.06	U	1
cis-1,2-Dichloroethene	156-59-2	**53**	5.0	ug/L	07.23.13 15.06		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 15.06	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 15.06	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 15.06	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 15.06	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 15.06	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-212 DUP** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-019 Date Collected: 07.19.13 11.42

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 15.06	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 15.06	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 15.06	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 15.06	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
Tetrachloroethene	127-18-4	**140**	5.0	ug/L	07.23.13 15.06		1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 15.06	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 15.06	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 15.06	U	1
Trichloroethene	79-01-6	**22**	5.0	ug/L	07.23.13 15.06		1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 15.06	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 15.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 15.06	
4-Bromofluorobenzene	460-00-4	102	%	30-186	07.23.13 15.06	
Toluene-D8	2037-26-5	102	%	70-130	07.23.13 15.06	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-213** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-020 Date Collected: 07.19.13 12.32

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 15.34	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 15.34	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 15.34	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 15.34	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 15.34	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 15.34	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 15.34	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 15.34	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 15.34	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 15.34	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 15.34	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 15.34	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 15.34	U	1
cis-1,2-Dichloroethene	156-59-2	**160**	5.0	ug/L	07.23.13 15.34		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 15.34	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 15.34	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 15.34	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 15.34	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 15.34	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-213** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-020 Date Collected: 07.19.13 12.32

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 15.34	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 15.34	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 15.34	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 15.34	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
Tetrachloroethene	127-18-4	**130**	5.0	ug/L	07.23.13 15.34		1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 15.34	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 15.34	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 15.34	U	1
Trichloroethene	79-01-6	**54**	5.0	ug/L	07.23.13 15.34		1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 15.34	U	1
Vinyl chloride	75-01-4	**3.5**	2.0	ug/L	07.23.13 15.34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.23.13 15.34	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.23.13 15.34	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 15.34	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-403** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-021 Date Collected: 07.19.13 10.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.24.13 12.52	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.24.13 12.52	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.24.13 12.52	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.24.13 12.52	U	1
Acetone	67-64-1	BRL	50	ug/L	07.24.13 12.52	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.24.13 12.52	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.24.13 12.52	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.24.13 12.52	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.24.13 12.52	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.24.13 12.52	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.24.13 12.52	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.24.13 12.52	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.24.13 12.52	U	1
cis-1,2-Dichloroethene	156-59-2	**27**	5.0	ug/L	07.24.13 12.52		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.24.13 12.52	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.24.13 12.52	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.24.13 12.52	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.24.13 12.52	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.24.13 12.52	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-403** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-021 Date Collected: 07.19.13 10.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.24.13 06.40

Seq Number: 919182

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.24.13 12.52	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.24.13 12.52	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.24.13 12.52	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.24.13 12.52	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.24.13 12.52	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.24.13 12.52	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.24.13 12.52	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.24.13 12.52	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.24.13 12.52	U	1
Vinyl chloride	75-01-4	**190**	2.0	ug/L	07.24.13 12.52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.24.13 12.52	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.24.13 12.52	
Toluene-D8	2037-26-5	100	%	70-130	07.24.13 12.52	

Certificate of Analytical Results 467066

Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-403 DUP** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-022 Date Collected: 07.19.13 10.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.26.13 20.51

Seq Number: 919367

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.27.13 03.31	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.27.13 03.31	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.27.13 03.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.27.13 03.31	U	1
Acetone	67-64-1	BRL	50	ug/L	07.27.13 03.31	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.27.13 03.31	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.27.13 03.31	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.27.13 03.31	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.27.13 03.31	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.27.13 03.31	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.27.13 03.31	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.27.13 03.31	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.27.13 03.31	U	1
cis-1,2-Dichloroethene	156-59-2	**26**	5.0	ug/L	07.27.13 03.31		1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.27.13 03.31	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.27.13 03.31	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.27.13 03.31	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.27.13 03.31	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.27.13 03.31	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **MW-403 DUP** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-022 Date Collected: 07.19.13 10.55

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.26.13 20.51

Seq Number: 919367

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.27.13 03.31	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.27.13 03.31	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.27.13 03.31	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.27.13 03.31	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.27.13 03.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.27.13 03.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.27.13 03.31	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.27.13 03.31	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.27.13 03.31	U	1
Vinyl chloride	75-01-4	**180**	2.0	ug/L	07.27.13 03.31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	53-159	07.27.13 03.31	
4-Bromofluorobenzene	460-00-4	108	%	30-186	07.27.13 03.31	
Toluene-D8	2037-26-5	98	%	70-130	07.27.13 03.31	

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-023 Date Collected: 07.19.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	07.23.13 09.21	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	07.23.13 09.21	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	07.23.13 09.21	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	07.23.13 09.21	U	1
Acetone	67-64-1	BRL	50	ug/L	07.23.13 09.21	U	1
Benzene	71-43-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	07.23.13 09.21	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	07.23.13 09.21	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	07.23.13 09.21	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	07.23.13 09.21	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	07.23.13 09.21	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	07.23.13 09.21	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	07.23.13 09.21	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	07.23.13 09.21	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	07.23.13 09.21	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	07.23.13 09.21	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	07.23.13 09.21	U	1

Certificate of Analytical Results 467066

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received:07.19.13 15.35

Lab Sample Id: 467066-023 Date Collected: 07.19.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 07.23.13 06.20

Seq Number: 919107

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
Methylene chloride	75-09-2	BRL	5.0	ug/L	07.23.13 09.21	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	07.23.13 09.21	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	07.23.13 09.21	U	1
Styrene	100-42-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
Toluene	108-88-3	BRL	5.0	ug/L	07.23.13 09.21	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	07.23.13 09.21	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	07.23.13 09.21	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	07.23.13 09.21	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	07.23.13 09.21	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	07.23.13 09.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.23.13 09.21	
4-Bromofluorobenzene	460-00-4	110	%	30-186	07.23.13 09.21	
Toluene-D8	2037-26-5	100	%	70-130	07.23.13 09.21	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919107 Matrix: Water Date Prep: 07.23.13
MB Sample Id: 641522-1-BLK LCS Sample Id: 641522-1-BKS LCSD Sample Id: 641522-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	51	102	50	100	56-141	2	20	ug/L	07.23.13 07:09	
1,1,2,2-Tetrachloroethane	<2.0	50	48	96	50	100	64-135	4	20	ug/L	07.23.13 07:09	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	45	90	45	90	54-134	0	20	ug/L	07.23.13 07:09	
1,1,2-Trichloroethane	<0.88	50	46	92	47	94	73-123	2	20	ug/L	07.23.13 07:09	
1,1-Dichloroethane	<0.74	50	47	94	46	92	66-126	2	20	ug/L	07.23.13 07:09	
1,1-Dichloroethene	<0.98	50	43	86	42	84	65-129	2	20	ug/L	07.23.13 07:09	
1,2,3-Trichlorobenzene	<2.6	50	45	90	48	96	56-146	6	20	ug/L	07.23.13 07:09	
1,2,4-Trichlorobenzene	<1.3	50	48	96	49	98	62-141	2	20	ug/L	07.23.13 07:09	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	49	98	48-144	6	20	ug/L	07.23.13 07:09	
1,2-Dibromoethane (EDB)	<0.79	50	48	96	48	96	70-130	0	20	ug/L	07.23.13 07:09	
1,2-Dichlorobenzene	<0.73	50	51	102	52	104	77-123	2	20	ug/L	07.23.13 07:09	
1,2-Dichloroethane	<0.82	50	46	92	45	90	57-137	2	20	ug/L	07.23.13 07:09	
1,2-Dichloropropane	<0.81	50	49	98	49	98	74-121	0	20	ug/L	07.23.13 07:09	
1,3-Dichlorobenzene	<0.74	50	51	102	51	102	79-120	0	20	ug/L	07.23.13 07:09	
1,4-Dichlorobenzene	<0.59	50	51	102	52	104	77-119	2	20	ug/L	07.23.13 07:09	
2-Butanone (MEK)	<1.3	100	91	91	90	90	42-165	1	20	ug/L	07.23.13 07:09	
2-Hexanone	<2.5	100	93	93	97	97	46-157	4	20	ug/L	07.23.13 07:09	
4-Methyl-2-pentanone (MIBK)	<2.2	100	94	94	96	96	54-145	2	20	ug/L	07.23.13 07:09	
Acetone	<1.4	100	90	90	88	88	42-178	2	20	ug/L	07.23.13 07:09	
Benzene	<0.67	50	46	92	45	90	76-119	2	20	ug/L	07.23.13 07:09	
Bromochloromethane	<0.47	50	47	94	46	92	75-123	2	20	ug/L	07.23.13 07:09	
Bromodichloromethane	<0.96	50	47	94	47	94	69-131	0	20	ug/L	07.23.13 07:09	
Bromoform	<1.4	50	48	96	49	98	66-130	2	20	ug/L	07.23.13 07:09	
Bromomethane	<2.7	50	52	104	53	106	59-141	2	20	ug/L	07.23.13 07:09	
Carbon disulfide	<0.73	50	37	74	35	70	47-144	6	20	ug/L	07.23.13 07:09	
Carbon tetrachloride	<0.89	50	49	98	48	96	46-155	2	20	ug/L	07.23.13 07:09	
Chlorobenzene	<0.59	50	51	102	50	100	81-114	2	20	ug/L	07.23.13 07:09	
Chloroethane	<0.23	50	50	100	50	100	63-133	0	20	ug/L	07.23.13 07:09	
Chloroform	<1.4	50	48	96	47	94	68-127	2	20	ug/L	07.23.13 07:09	
Chloromethane	<1.2	50	48	96	49	98	43-141	2	20	ug/L	07.23.13 07:09	
cis-1,2-Dichloroethene	<0.80	50	48	96	47	94	73-124	2	20	ug/L	07.23.13 07:09	
cis-1,3-Dichloropropene	<0.76	50	49	98	50	100	72-132	2	20	ug/L	07.23.13 07:09	
Cyclohexane	<0.99	50	43	86	42	84	58-125	2	20	ug/L	07.23.13 07:09	
Dibromochloromethane	<0.79	50	46	92	47	94	69-128	2	20	ug/L	07.23.13 07:09	
Dichlorodifluoromethane	<0.73	50	63	126	62	124	24-153	2	20	ug/L	07.23.13 07:09	
Ethylbenzene	<0.66	50	49	98	49	98	78-122	0	20	ug/L	07.23.13 07:09	
Isopropylbenzene	<1.0	50	51	102	52	104	71-131	2	20	ug/L	07.23.13 07:09	
m,p-Xylenes	<1.2	100	100	100	100	100	76-124	0	20	ug/L	07.23.13 07:09	
Methyl acetate	<0.15	50	42	84	39	78	65-135	7	20	ug/L	07.23.13 07:09	
Methyl tert-butyl ether	<0.62	100	91	91	90	90	59-135	1	20	ug/L	07.23.13 07:09	
Methylcyclohexane	<0.76	50	44	88	43	86	61-125	2	20	ug/L	07.23.13 07:09	
Methylene chloride	<0.92	50	50	100	44	88	64-135	13	20	ug/L	07.23.13 07:09	
Naphthalene	<4.0	50	47	94	50	100	46-159	6	20	ug/L	07.23.13 07:09	
o-Xylene	<0.57	50	52	104	52	104	78-124	0	20	ug/L	07.23.13 07:09	
Styrene	<0.56	50	52	104	52	104	79-123	0	20	ug/L	07.23.13 07:09	
Tetrachloroethene	<1.8	50	46	92	48	96	71-125	4	20	ug/L	07.23.13 07:09	
Toluene	<0.68	50	48	96	48	96	78-118	0	20	ug/L	07.23.13 07:09	
trans-1,2-Dichloroethene	<0.73	50	46	92	45	90	71-126	2	20	ug/L	07.23.13 07:09	
trans-1,3-Dichloropropene	<0.84	50	46	92	47	94	68-131	2	20	ug/L	07.23.13 07:09	
Trichloroethene	<0.72	50	50	100	50	100	76-118	0	20	ug/L	07.23.13 07:09	
Trichlorofluoromethane	<0.85	50	59	118	60	120	35-153	2	20	ug/L	07.23.13 07:09	
Vinyl chloride	<0.15	50	52	104	52	104	59-129	0	20	ug/L	07.23.13 07:09	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919107	Matrix:	Water	Date Prep:	07.23.13
MB Sample Id:	641522-1-BLK	LCS Sample Id:	641522-1-BKS	LCSD Sample Id:	641522-1-BSD

Surrogate	**MB %Rec**	**MB Flag**	**LCS %Rec**	**LCS Flag**	**LCSD %Rec**	**LCSD Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	98		96		96		53-159	%	07.23.13 07:09
4-Bromofluorobenzene	108		104		106		30-186	%	07.23.13 07:09
Toluene-D8	100		98		100		70-130	%	07.23.13 07:09

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919182 Matrix: Water Date Prep: 07.24.13
MB Sample Id: 641570-1-BLK LCS Sample Id: 641570-1-BKS LCSD Sample Id: 641570-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	58	116	56	112	56-141	4	20	ug/L	07.24.13 07:31	
1,1,2,2-Tetrachloroethane	<2.0	50	50	100	51	102	64-135	2	20	ug/L	07.24.13 07:31	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	57	114	55	110	54-134	4	20	ug/L	07.24.13 07:31	
1,1,2-Trichloroethane	<0.88	50	48	96	49	98	73-123	2	20	ug/L	07.24.13 07:31	
1,1-Dichloroethane	<0.74	50	53	106	51	102	66-126	4	20	ug/L	07.24.13 07:31	
1,1-Dichloroethene	<0.98	50	55	110	53	106	65-129	4	20	ug/L	07.24.13 07:31	
1,2,3-Trichlorobenzene	<2.6	50	49	98	48	96	56-146	2	20	ug/L	07.24.13 07:31	
1,2,4-Trichlorobenzene	<1.3	50	50	100	49	98	62-141	2	20	ug/L	07.24.13 07:31	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	48	96	50	100	48-144	4	20	ug/L	07.24.13 07:31	
1,2-Dibromoethane (EDB)	<0.79	50	51	102	51	102	70-130	0	20	ug/L	07.24.13 07:31	
1,2-Dichlorobenzene	<0.73	50	54	108	53	106	77-123	2	20	ug/L	07.24.13 07:31	
1,2-Dichloroethane	<0.82	50	50	100	50	100	57-137	0	20	ug/L	07.24.13 07:31	
1,2-Dichloropropane	<0.81	50	53	106	52	104	74-121	2	20	ug/L	07.24.13 07:31	
1,3-Dichlorobenzene	<0.74	50	53	106	53	106	79-120	0	20	ug/L	07.24.13 07:31	
1,4-Dichlorobenzene	<0.59	50	53	106	52	104	77-119	2	20	ug/L	07.24.13 07:31	
2-Butanone (MEK)	<1.3	100	96	96	97	97	42-165	1	20	ug/L	07.24.13 07:31	
2-Hexanone	<2.5	100	99	99	99	99	46-157	0	20	ug/L	07.24.13 07:31	
4-Methyl-2-pentanone (MIBK)	<2.2	100	100	100	100	100	54-145	0	20	ug/L	07.24.13 07:31	
Acetone	<1.4	100	91	91	90	90	42-178	1	20	ug/L	07.24.13 07:31	
Benzene	<0.67	50	51	102	50	100	76-119	2	20	ug/L	07.24.13 07:31	
Bromochloromethane	<0.47	50	52	104	50	100	75-123	4	20	ug/L	07.24.13 07:31	
Bromodichloromethane	<0.96	50	52	104	50	100	69-131	4	20	ug/L	07.24.13 07:31	
Bromoform	<1.4	50	50	100	51	102	66-130	2	20	ug/L	07.24.13 07:31	
Bromomethane	<2.7	50	51	102	51	102	59-141	0	20	ug/L	07.24.13 07:31	
Carbon disulfide	<0.73	50	52	104	51	102	47-144	2	20	ug/L	07.24.13 07:31	
Carbon tetrachloride	<0.89	50	56	112	54	108	46-155	4	20	ug/L	07.24.13 07:31	
Chlorobenzene	<0.59	50	53	106	53	106	81-114	0	20	ug/L	07.24.13 07:31	
Chloroethane	<0.23	50	50	100	50	100	63-133	0	20	ug/L	07.24.13 07:31	
Chloroform	<1.4	50	54	108	51	102	68-127	6	20	ug/L	07.24.13 07:31	
Chloromethane	<1.2	50	46	92	46	92	43-141	0	20	ug/L	07.24.13 07:31	
cis-1,2-Dichloroethene	<0.80	50	54	108	51	102	73-124	6	20	ug/L	07.24.13 07:31	
cis-1,3-Dichloropropene	<0.76	50	54	108	53	106	72-132	2	20	ug/L	07.24.13 07:31	
Cyclohexane	<0.99	50	51	102	46	92	58-125	10	20	ug/L	07.24.13 07:31	
Dibromochloromethane	<0.79	50	49	98	49	98	69-128	0	20	ug/L	07.24.13 07:31	
Dichlorodifluoromethane	<0.73	50	63	126	61	122	24-153	3	20	ug/L	07.24.13 07:31	
Ethylbenzene	<0.66	50	52	104	52	104	78-122	0	20	ug/L	07.24.13 07:31	
Isopropylbenzene	<1.0	50	53	106	53	106	71-131	0	20	ug/L	07.24.13 07:31	
m,p-Xylenes	<1.2	100	110	110	110	110	76-124	0	20	ug/L	07.24.13 07:31	
Methyl acetate	<0.15	50	44	88	47	94	65-135	7	20	ug/L	07.24.13 07:31	
Methyl tert-butyl ether	<0.62	100	100	100	100	100	59-135	0	20	ug/L	07.24.13 07:31	
Methylcyclohexane	<0.76	50	50	100	48	96	61-125	4	20	ug/L	07.24.13 07:31	
Methylene chloride	<0.92	50	57	114	55	110	64-135	4	20	ug/L	07.24.13 07:31	
Naphthalene	<4.0	50	51	102	51	102	46-159	0	20	ug/L	07.24.13 07:31	
o-Xylene	<0.57	50	55	110	55	110	78-124	0	20	ug/L	07.24.13 07:31	
Styrene	<0.56	50	55	110	55	110	79-123	0	20	ug/L	07.24.13 07:31	
Tetrachloroethene	<1.8	50	50	100	50	100	71-125	0	20	ug/L	07.24.13 07:31	
Toluene	<0.68	50	52	104	52	104	78-118	0	20	ug/L	07.24.13 07:31	
trans-1,2-Dichloroethene	<0.73	50	54	108	52	104	71-126	4	20	ug/L	07.24.13 07:31	
trans-1,3-Dichloropropene	<0.84	50	49	98	49	98	68-131	0	20	ug/L	07.24.13 07:31	
Trichloroethene	<0.72	50	55	110	53	106	76-118	4	20	ug/L	07.24.13 07:31	
Trichlorofluoromethane	<0.85	50	59	118	58	116	35-153	2	20	ug/L	07.24.13 07:31	
Vinyl chloride	<0.15	50	52	104	52	104	59-129	0	20	ug/L	07.24.13 07:31	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919182	Matrix:	Water	Date Prep:	07.24.13
MB Sample Id:	641570-1-BLK	LCS Sample Id:	641570-1-BKS	LCSD Sample Id:	641570-1-BSD

Surrogate	**MB %Rec**	**MB Flag**	**LCS %Rec**	**LCS Flag**	**LCSD %Rec**	**LCSD Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	98		96		94		53-159	%	07.24.13 07:31
4-Bromofluorobenzene	108		104		106		30-186	%	07.24.13 07:31
Toluene-D8	100		98		100		70-130	%	07.24.13 07:31

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919367 Matrix: Water Date Prep: 07.26.13
MB Sample Id: 641694-1-BLK LCS Sample Id: 641694-1-BKS LCSD Sample Id: 641694-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	54	108	54	108	56-141	0	20	ug/L	07.26.13 21:45	
1,1,2,2-Tetrachloroethane	<2.0	50	47	94	47	94	64-135	0	20	ug/L	07.26.13 21:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	50	100	48	96	54-134	4	20	ug/L	07.26.13 21:45	
1,1,2-Trichloroethane	<0.88	50	46	92	46	92	73-123	0	20	ug/L	07.26.13 21:45	
1,1-Dichloroethane	<0.74	50	49	98	49	98	66-126	0	20	ug/L	07.26.13 21:45	
1,1-Dichloroethene	<0.98	50	48	96	49	98	65-129	2	20	ug/L	07.26.13 21:45	
1,2,3-Trichlorobenzene	<2.6	50	46	92	45	90	56-146	2	20	ug/L	07.26.13 21:45	
1,2,4-Trichlorobenzene	<1.3	50	48	96	47	94	62-141	2	20	ug/L	07.26.13 21:45	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	43	86	45	90	48-144	5	20	ug/L	07.26.13 21:45	
1,2-Dibromoethane (EDB)	<0.79	50	48	96	49	98	70-130	2	20	ug/L	07.26.13 21:45	
1,2-Dichlorobenzene	<0.73	50	53	106	52	104	77-123	2	20	ug/L	07.26.13 21:45	
1,2-Dichloroethane	<0.82	50	47	94	47	94	57-137	0	20	ug/L	07.26.13 21:45	
1,2-Dichloropropane	<0.81	50	50	100	50	100	74-121	0	20	ug/L	07.26.13 21:45	
1,3-Dichlorobenzene	<0.74	50	52	104	52	104	79-120	0	20	ug/L	07.26.13 21:45	
1,4-Dichlorobenzene	<0.59	50	53	106	52	104	77-119	2	20	ug/L	07.26.13 21:45	
2-Butanone (MEK)	<1.3	100	90	90	95	95	42-165	5	20	ug/L	07.26.13 21:45	
2-Hexanone	<2.5	100	84	84	86	86	46-157	2	20	ug/L	07.26.13 21:45	
4-Methyl-2-pentanone (MIBK)	<2.2	100	87	87	90	90	54-145	3	20	ug/L	07.26.13 21:45	
Acetone	<1.4	100	110	110	110	110	42-178	0	20	ug/L	07.26.13 21:45	
Benzene	<0.67	50	47	94	47	94	76-119	0	20	ug/L	07.26.13 21:45	
Bromochloromethane	<0.47	50	48	96	49	98	75-123	2	20	ug/L	07.26.13 21:45	
Bromodichloromethane	<0.96	50	49	98	49	98	69-131	0	20	ug/L	07.26.13 21:45	
Bromoform	<1.4	50	49	98	49	98	66-130	0	20	ug/L	07.26.13 21:45	
Bromomethane	<2.7	50	54	108	51	102	59-141	6	20	ug/L	07.26.13 21:45	
Carbon disulfide	<0.73	50	44	88	44	88	47-144	0	20	ug/L	07.26.13 21:45	
Carbon tetrachloride	<0.89	50	53	106	54	108	46-155	2	20	ug/L	07.26.13 21:45	
Chlorobenzene	<0.59	50	52	104	53	106	81-114	2	20	ug/L	07.26.13 21:45	
Chloroethane	<0.23	50	51	102	50	100	63-133	2	20	ug/L	07.26.13 21:45	
Chloroform	<1.4	50	49	98	49	98	68-127	0	20	ug/L	07.26.13 21:45	
Chloromethane	<1.2	50	47	94	44	88	43-141	7	20	ug/L	07.26.13 21:45	
cis-1,2-Dichloroethene	<0.80	50	49	98	50	100	73-124	2	20	ug/L	07.26.13 21:45	
cis-1,3-Dichloropropene	<0.76	50	51	102	51	102	72-132	0	20	ug/L	07.26.13 21:45	
Cyclohexane	<0.99	50	47	94	43	86	58-125	9	20	ug/L	07.26.13 21:45	
Dibromochloromethane	<0.79	50	48	96	48	96	69-128	0	20	ug/L	07.26.13 21:45	
Dichlorodifluoromethane	<0.73	50	54	108	53	106	24-153	2	20	ug/L	07.26.13 21:45	
Ethylbenzene	<0.66	50	51	102	51	102	78-122	0	20	ug/L	07.26.13 21:45	
Isopropylbenzene	<1.0	50	53	106	53	106	71-131	0	20	ug/L	07.26.13 21:45	
m,p-Xylenes	<1.2	100	110	110	100	100	76-124	10	20	ug/L	07.26.13 21:45	
Methyl acetate	<0.15	50	41	82	42	84	65-135	2	20	ug/L	07.26.13 21:45	
Methyl tert-butyl ether	<0.62	100	91	91	92	92	59-135	1	20	ug/L	07.26.13 21:45	
Methylcyclohexane	<0.76	50	44	88	45	90	61-125	2	20	ug/L	07.26.13 21:45	
Methylene chloride	<0.92	50	46	92	51	102	64-135	10	20	ug/L	07.26.13 21:45	
Naphthalene	<4.0	50	46	92	46	92	46-159	0	20	ug/L	07.26.13 21:45	
o-Xylene	<0.57	50	54	108	54	108	78-124	0	20	ug/L	07.26.13 21:45	
Styrene	<0.56	50	54	108	54	108	79-123	0	20	ug/L	07.26.13 21:45	
Tetrachloroethene	<1.8	50	49	98	49	98	71-125	0	20	ug/L	07.26.13 21:45	
Toluene	<0.68	50	50	100	50	100	78-118	0	20	ug/L	07.26.13 21:45	
trans-1,2-Dichloroethene	<0.73	50	49	98	49	98	71-126	0	20	ug/L	07.26.13 21:45	
trans-1,3-Dichloropropene	<0.84	50	47	94	47	94	68-131	0	20	ug/L	07.26.13 21:45	
Trichloroethene	<0.72	50	52	104	51	102	76-118	2	20	ug/L	07.26.13 21:45	
Trichlorofluoromethane	<0.85	50	60	120	59	118	35-153	2	20	ug/L	07.26.13 21:45	
Vinyl chloride	<0.15	50	50	100	48	96	59-129	4	20	ug/L	07.26.13 21:45	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919367	Matrix:	Water	Date Prep:	07.26.13
MB Sample Id:	641694-1-BLK	LCS Sample Id:	641694-1-BKS	LCSD Sample Id:	641694-1-BSD

Surrogate	**MB %Rec**	**MB Flag**	**LCS %Rec**	**LCS Flag**	**LCSD %Rec**	**LCSD Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	97		94		94		53-159	%	07.26.13 21:45
4-Bromofluorobenzene	106		104		104		30-186	%	07.26.13 21:45
Toluene-D8	101		97		98		70-130	%	07.26.13 21:45

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919107 Matrix: Water Date Prep: 07.23.13
Parent Sample Id: 467066-002 MS Sample Id: 467066-002 S MSD Sample Id: 467066-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	56	112	56	112	63-149	0	20	ug/L	07.23.13 17:28	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	48	96	58-140	2	20	ug/L	07.23.13 17:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	55	110	54	108	42-156	2	20	ug/L	07.23.13 17:28	
1,1,2-Trichloroethane	<0.88	50	48	96	47	94	49-140	2	20	ug/L	07.23.13 17:28	
1,1-Dichloroethane	<0.74	50	51	102	51	102	67-136	0	20	ug/L	07.23.13 17:28	
1,1-Dichloroethene	<0.98	50	53	106	54	108	52-141	2	20	ug/L	07.23.13 17:28	
1,2,3-Trichlorobenzene	<2.6	50	42	84	46	92	50-131	9	20	ug/L	07.23.13 17:28	
1,2,4-Trichlorobenzene	<1.3	50	44	88	47	94	51-125	7	20	ug/L	07.23.13 17:28	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	46	92	43-155	0	20	ug/L	07.23.13 17:28	
1,2-Dibromoethane (EDB)	<0.79	50	51	102	49	98	66-136	4	20	ug/L	07.23.13 17:28	
1,2-Dichlorobenzene	<0.73	50	52	104	52	104	70-124	0	20	ug/L	07.23.13 17:28	
1,2-Dichloroethane	<0.82	50	50	100	49	98	71-143	2	20	ug/L	07.23.13 17:28	
1,2-Dichloropropane	<0.81	50	54	108	52	104	74-125	4	20	ug/L	07.23.13 17:28	
1,3-Dichlorobenzene	<0.74	50	52	104	52	104	73-123	0	20	ug/L	07.23.13 17:28	
1,4-Dichlorobenzene	<0.59	50	51	102	51	102	74-116	0	20	ug/L	07.23.13 17:28	
2-Butanone (MEK)	<1.3	100	91	91	91	91	43-155	0	20	ug/L	07.23.13 17:28	
2-Hexanone	<2.5	100	91	91	93	93	52-148	2	20	ug/L	07.23.13 17:28	
4-Methyl-2-pentanone (MIBK)	<2.2	100	96	96	96	96	61-141	0	20	ug/L	07.23.13 17:28	
Acetone	<1.4	100	85	85	90	90	40-140	6	20	ug/L	07.23.13 17:28	
Benzene	<0.67	50	50	100	49	98	78-117	2	20	ug/L	07.23.13 17:28	
Bromochloromethane	<0.47	50	50	100	50	100	65-127	0	20	ug/L	07.23.13 17:28	
Bromodichloromethane	<0.96	50	50	100	49	98	71-133	2	20	ug/L	07.23.13 17:28	
Bromoform	<1.4	50	46	92	44	88	55-129	4	20	ug/L	07.23.13 17:28	
Bromomethane	<2.7	50	48	96	51	102	49-157	6	20	ug/L	07.23.13 17:28	
Carbon disulfide	<0.73	50	38	76	39	78	31-142	3	20	ug/L	07.23.13 17:28	
Carbon tetrachloride	<0.89	50	52	104	52	104	63-152	0	20	ug/L	07.23.13 17:28	
Chlorobenzene	<0.59	50	53	106	52	104	75-117	2	20	ug/L	07.23.13 17:28	
Chloroethane	<0.23	50	48	96	48	96	49-147	0	20	ug/L	07.23.13 17:28	
Chloroform	<1.4	50	52	104	52	104	67-136	0	20	ug/L	07.23.13 17:28	
Chloromethane	<1.2	50	51	102	48	96	35-162	6	20	ug/L	07.23.13 17:28	
cis-1,2-Dichloroethene	<0.80	50	52	104	52	104	64-132	0	20	ug/L	07.23.13 17:28	
cis-1,3-Dichloropropene	<0.76	50	48	96	48	96	69-116	0	20	ug/L	07.23.13 17:28	
Cyclohexane	<0.99	50	42	84	42	84	59-141	0	20	ug/L	07.23.13 17:28	
Dibromochloromethane	<0.79	50	47	94	46	92	54-144	2	20	ug/L	07.23.13 17:28	
Dichlorodifluoromethane	<0.73	50	58	116	58	116	26-171	0	20	ug/L	07.23.13 17:28	
Ethylbenzene	<0.66	50	52	104	51	102	74-131	2	20	ug/L	07.23.13 17:28	
Isopropylbenzene	<1.0	50	54	108	52	104	63-133	4	20	ug/L	07.23.13 17:28	
m,p-Xylenes	<1.2	100	110	110	100	100	67-134	10	20	ug/L	07.23.13 17:28	
Methyl acetate	<0.15	50	41	82	40	80	65-135	2	20	ug/L	07.23.13 17:28	
Methyl tert-butyl ether	<0.62	100	96	96	98	98	51-156	2	20	ug/L	07.23.13 17:28	
Methylcyclohexane	<0.76	50	47	94	47	94	62-123	0	20	ug/L	07.23.13 17:28	
Methylene chloride	<0.92	50	53	106	52	104	52-165	2	20	ug/L	07.23.13 17:28	
Naphthalene	<4.0	50	43	86	47	94	31-151	9	20	ug/L	07.23.13 17:28	
o-Xylene	<0.57	50	54	108	54	108	70-125	0	20	ug/L	07.23.13 17:28	
Styrene	<0.56	50	53	106	53	106	42-145	0	20	ug/L	07.23.13 17:28	
Tetrachloroethene	<1.8	50	52	104	51	102	57-132	2	20	ug/L	07.23.13 17:28	
Toluene	<0.68	50	52	104	51	102	76-119	2	20	ug/L	07.23.13 17:28	
trans-1,2-Dichloroethene	<0.73	50	52	104	52	104	46-152	0	20	ug/L	07.23.13 17:28	
trans-1,3-Dichloropropene	<0.84	50	44	88	44	88	60-132	0	20	ug/L	07.23.13 17:28	
Trichloroethene	<0.72	50	55	110	54	108	77-120	2	20	ug/L	07.23.13 17:28	
Trichlorofluoromethane	<0.85	50	58	116	60	120	47-165	3	20	ug/L	07.23.13 17:28	
Vinyl chloride	<0.15	50	52	104	52	104	43-148	0	20	ug/L	07.23.13 17:28	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919107	Matrix:	Water	Date Prep:	07.23.13
Parent Sample Id:	467066-002	MS Sample Id:	467066-002 S	MSD Sample Id:	467066-002 SD

Surrogate	**MS %Rec**	**MS Flag**	**MSD %Rec**	**MSD Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	96		96		53-159	%	07.23.13 17:28
4-Bromofluorobenzene	104		102		30-186	%	07.23.13 17:28
Toluene-D8	100		100		70-130	%	07.23.13 17:28

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919367 Matrix: Ground Water Date Prep: 07.26.13
Parent Sample Id: 467386-002 MS Sample Id: 467386-002 S MSD Sample Id: 467386-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	51	102	50	100	63-149	2	20	ug/L	07.27.13 08:07	
1,1,2,2-Tetrachloroethane	<2.0	50	47	94	48	96	58-140	2	20	ug/L	07.27.13 08:07	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	47	94	48	96	42-156	2	20	ug/L	07.27.13 08:07	
1,1,2-Trichloroethane	<0.88	50	45	90	46	92	49-140	2	20	ug/L	07.27.13 08:07	
1,1-Dichloroethane	<0.74	50	46	92	44	88	67-136	4	20	ug/L	07.27.13 08:07	
1,1-Dichloroethene	<0.98	50	44	88	42	84	52-141	5	20	ug/L	07.27.13 08:07	
1,2,3-Trichlorobenzene	<2.6	50	41	82	44	88	50-131	7	20	ug/L	07.27.13 08:07	
1,2,4-Trichlorobenzene	<1.3	50	42	84	44	88	51-125	5	20	ug/L	07.27.13 08:07	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	46	92	47	94	43-155	2	20	ug/L	07.27.13 08:07	
1,2-Dibromoethane (EDB)	<0.79	50	47	94	48	96	66-136	2	20	ug/L	07.27.13 08:07	
1,2-Dichlorobenzene	<0.73	50	49	98	49	98	70-124	0	20	ug/L	07.27.13 08:07	
1,2-Dichloroethane	<0.82	50	47	94	46	92	71-143	2	20	ug/L	07.27.13 08:07	
1,2-Dichloropropane	<0.81	50	49	98	48	96	74-125	2	20	ug/L	07.27.13 08:07	
1,3-Dichlorobenzene	<0.74	50	48	96	48	96	73-123	0	20	ug/L	07.27.13 08:07	
1,4-Dichlorobenzene	<0.59	50	48	96	49	98	74-116	2	20	ug/L	07.27.13 08:07	
2-Butanone (MEK)	<1.3	100	90	90	90	90	43-155	0	20	ug/L	07.27.13 08:07	
2-Hexanone	<2.5	100	88	88	90	90	52-148	2	20	ug/L	07.27.13 08:07	
4-Methyl-2-pentanone (MIBK)	<2.2	100	93	93	92	92	61-141	1	20	ug/L	07.27.13 08:07	
Acetone	<1.4	100	81	81	84	84	40-140	4	20	ug/L	07.27.13 08:07	
Benzene	<0.67	50	45	90	43	86	78-117	5	20	ug/L	07.27.13 08:07	
Bromochloromethane	<0.47	50	46	92	45	90	65-127	2	20	ug/L	07.27.13 08:07	
Bromodichloromethane	<0.96	50	47	94	46	92	71-133	2	20	ug/L	07.27.13 08:07	
Bromoform	<1.4	50	44	88	44	88	55-129	0	20	ug/L	07.27.13 08:07	
Bromomethane	<2.7	50	46	92	45	90	49-157	2	20	ug/L	07.27.13 08:07	
Carbon disulfide	<0.73	50	29	58	27	54	31-142	7	20	ug/L	07.27.13 08:07	
Carbon tetrachloride	<0.89	50	49	98	48	96	63-152	2	20	ug/L	07.27.13 08:07	
Chlorobenzene	<0.59	50	49	98	48	96	75-117	2	20	ug/L	07.27.13 08:07	
Chloroethane	<0.23	50	46	92	45	90	49-147	2	20	ug/L	07.27.13 08:07	
Chloroform	<1.4	50	49	98	47	94	67-136	4	20	ug/L	07.27.13 08:07	
Chloromethane	<1.2	50	47	94	45	90	35-162	4	20	ug/L	07.27.13 08:07	
cis-1,2-Dichloroethene	<0.80	50	46	92	43	86	64-132	7	20	ug/L	07.27.13 08:07	
cis-1,3-Dichloropropene	<0.76	50	47	94	45	90	69-116	4	20	ug/L	07.27.13 08:07	
Cyclohexane	<0.99	50	37	74	35	70	59-141	6	20	ug/L	07.27.13 08:07	
Dibromochloromethane	<0.79	50	44	88	44	88	54-144	0	20	ug/L	07.27.13 08:07	
Dichlorodifluoromethane	<0.73	50	51	102	49	98	26-171	4	20	ug/L	07.27.13 08:07	
Ethylbenzene	<0.66	50	48	96	47	94	74-131	2	20	ug/L	07.27.13 08:07	
Isopropylbenzene	<1.0	50	49	98	49	98	63-133	0	20	ug/L	07.27.13 08:07	
m,p-Xylenes	<1.2	100	97	97	96	96	67-134	1	20	ug/L	07.27.13 08:07	
Methyl acetate	<0.15	50	39	78	38	76	65-135	3	20	ug/L	07.27.13 08:07	
Methyl tert-butyl ether	<0.62	100	92	92	91	91	51-156	1	20	ug/L	07.27.13 08:07	
Methylcyclohexane	<0.76	50	41	82	40	80	62-123	2	20	ug/L	07.27.13 08:07	
Methylene chloride	<0.92	50	42	84	41	82	52-165	2	20	ug/L	07.27.13 08:07	
Naphthalene	<4.0	50	44	88	47	94	31-151	7	20	ug/L	07.27.13 08:07	
o-Xylene	<0.57	50	50	100	49	98	70-125	2	20	ug/L	07.27.13 08:07	
Styrene	<0.56	50	50	100	49	98	42-145	2	20	ug/L	07.27.13 08:07	
Tetrachloroethene	<1.8	50	45	90	44	88	57-132	2	20	ug/L	07.27.13 08:07	
Toluene	<0.68	50	46	92	46	92	76-119	0	20	ug/L	07.27.13 08:07	
trans-1,2-Dichloroethene	<0.73	50	45	90	44	88	46-152	2	20	ug/L	07.27.13 08:07	
trans-1,3-Dichloropropene	<0.84	50	43	86	42	84	60-132	2	20	ug/L	07.27.13 08:07	
Trichloroethene	<0.72	50	50	100	47	94	77-120	6	20	ug/L	07.27.13 08:07	
Trichlorofluoromethane	<0.85	50	56	112	56	112	47-165	0	20	ug/L	07.27.13 08:07	
Vinyl chloride	<0.15	50	48	96	46	92	43-148	4	20	ug/L	07.27.13 08:07	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919367	Matrix:	Ground Water	Date Prep:	07.26.13
Parent Sample Id:	467386-002	MS Sample Id:	467386-002 S	MSD Sample Id:	467386-002 SD

Surrogate	**MS %Rec**	**MS Flag**	**MSD %Rec**	**MSD Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	98		96		53-159	%	07.27.13 08:07
4-Bromofluorobenzene	103		103		30-186	%	07.27.13 08:07
Toluene-D8	97		98		70-130	%	07.27.13 08:07

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number: 919182 Matrix: Water Date Prep: 07.24.13
Parent Sample Id: 467066-011 MS Sample Id: 467066-011 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	57	114	63-149	ug/L	07.24.13 16:56	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	58-140	ug/L	07.24.13 16:56	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	53	106	42-156	ug/L	07.24.13 16:56	
1,1,2-Trichloroethane	<0.88	50	47	94	49-140	ug/L	07.24.13 16:56	
1,1-Dichloroethane	<0.74	50	52	104	67-136	ug/L	07.24.13 16:56	
1,1-Dichloroethene	<0.98	50	52	104	52-141	ug/L	07.24.13 16:56	
1,2,3-Trichlorobenzene	<2.6	50	44	88	50-131	ug/L	07.24.13 16:56	
1,2,4-Trichlorobenzene	<1.3	50	46	92	51-125	ug/L	07.24.13 16:56	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	45	90	43-155	ug/L	07.24.13 16:56	
1,2-Dibromoethane (EDB)	<0.79	50	50	100	66-136	ug/L	07.24.13 16:56	
1,2-Dichlorobenzene	<0.73	50	52	104	70-124	ug/L	07.24.13 16:56	
1,2-Dichloroethane	<0.82	50	50	100	71-143	ug/L	07.24.13 16:56	
1,2-Dichloropropane	<0.81	50	53	106	74-125	ug/L	07.24.13 16:56	
1,3-Dichlorobenzene	<0.74	50	52	104	73-123	ug/L	07.24.13 16:56	
1,4-Dichlorobenzene	<0.59	50	52	104	74-116	ug/L	07.24.13 16:56	
2-Butanone (MEK)	<1.3	100	91	91	43-155	ug/L	07.24.13 16:56	
2-Hexanone	<2.5	100	92	92	52-148	ug/L	07.24.13 16:56	
4-Methyl-2-pentanone (MIBK)	<2.2	100	97	97	61-141	ug/L	07.24.13 16:56	
Acetone	<1.4	100	83	83	40-140	ug/L	07.24.13 16:56	
Benzene	<0.67	50	50	100	78-117	ug/L	07.24.13 16:56	
Bromochloromethane	<0.47	50	51	102	65-127	ug/L	07.24.13 16:56	
Bromodichloromethane	<0.96	50	50	100	71-133	ug/L	07.24.13 16:56	
Bromoform	<1.4	50	45	90	55-129	ug/L	07.24.13 16:56	
Bromomethane	<2.7	50	46	92	49-157	ug/L	07.24.13 16:56	
Carbon disulfide	<0.73	50	40	80	31-142	ug/L	07.24.13 16:56	
Carbon tetrachloride	<0.89	50	54	108	63-152	ug/L	07.24.13 16:56	
Chlorobenzene	<0.59	50	53	106	75-117	ug/L	07.24.13 16:56	
Chloroethane	<0.23	50	45	90	49-147	ug/L	07.24.13 16:56	
Chloroform	<1.4	50	53	106	67-136	ug/L	07.24.13 16:56	
Chloromethane	<1.2	50	49	98	35-162	ug/L	07.24.13 16:56	
cis-1,2-Dichloroethene	<0.80	50	53	106	64-132	ug/L	07.24.13 16:56	
cis-1,3-Dichloropropene	<0.76	50	45	90	69-116	ug/L	07.24.13 16:56	
Cyclohexane	<0.99	50	42	84	59-141	ug/L	07.24.13 16:56	
Dibromochloromethane	<0.79	50	46	92	54-144	ug/L	07.24.13 16:56	
Dichlorodifluoromethane	<0.73	50	58	116	26-171	ug/L	07.24.13 16:56	
Ethylbenzene	<0.66	50	51	102	74-131	ug/L	07.24.13 16:56	
Isopropylbenzene	<1.0	50	52	104	63-133	ug/L	07.24.13 16:56	
m,p-Xylenes	<1.2	100	100	100	67-134	ug/L	07.24.13 16:56	
Methyl acetate	<0.15	50	42	84	65-135	ug/L	07.24.13 16:56	
Methyl tert-butyl ether	<0.62	100	100	100	51-156	ug/L	07.24.13 16:56	
Methylcyclohexane	<0.76	50	47	94	62-123	ug/L	07.24.13 16:56	
Methylene chloride	<0.92	50	54	108	52-165	ug/L	07.24.13 16:56	
Naphthalene	<4.0	50	46	92	31-151	ug/L	07.24.13 16:56	
o-Xylene	<0.57	50	54	108	70-125	ug/L	07.24.13 16:56	
Styrene	<0.56	50	48	96	42-145	ug/L	07.24.13 16:56	
Tetrachloroethene	<1.8	50	50	100	57-132	ug/L	07.24.13 16:56	
Toluene	<0.68	50	51	102	76-119	ug/L	07.24.13 16:56	
trans-1,2-Dichloroethene	<0.73	50	52	104	46-152	ug/L	07.24.13 16:56	
trans-1,3-Dichloropropene	<0.84	50	40	80	60-132	ug/L	07.24.13 16:56	
Trichloroethene	<0.72	50	55	110	77-120	ug/L	07.24.13 16:56	
Trichlorofluoromethane	<0.85	50	55	110	47-165	ug/L	07.24.13 16:56	
Vinyl chloride	<0.15	50	50	100	43-148	ug/L	07.24.13 16:56	

QC Summary 467066

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method:	**VOCs by SW-846 8260B**			Prep Method:	SW5030B
Seq Number:	919182	Matrix:	Water	Date Prep:	07.24.13
Parent Sample Id:	467066-011	MS Sample Id:	467066-011 S		

Surrogate	**MS %Rec**	**MS Flag**	**Limits**	**Units**	**Analysis Date**
1,2-Dichloroethane-D4	96		53-159	%	07.24.13 16:56
4-Bromofluorobenzene	104		30-186	%	07.24.13 16:56
Toluene-D8	98		70-130	%	07.24.13 16:56

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 263568 Page 1 of 3

Company-City: Atlanta Environmental Management, Inc **Phone:** (404) 329-9866

Lab Only: WO#467066

Proj Name-Location: ☒ Previously done at XENCO — ARAMARK - DeKalb Ave. **Project ID:** 1133-1304

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data. standard

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to: ☒ PM or Leona.Miles@aem-net.com **Fax No:** (404) 329-2057

Invoice to: ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Thomas S. Lawrence Signature: Thomas S. Lawrence

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks	Date Rcv by: From: Addn:	
1	MW-401	7-17-13	1443		W		X	2	40	C	V	X															1
2	MW-202	7-17-13	1600		W		X	2	40	C	V	X															2
3	MW-405	7-17-13	1604		W		X	2	40	C	V	X															3
4	MW-208P	7-18-13	1050		W		X	2	40	C	V	X															4
5	MW-402	7-18-13	1107		W		X	2	40	C	V	X															5
6	MW-409D	7-18-13	1230		W		X	2	40	C	V	X															6
7	MW-111	7-18-13	1245		W		X	2	40	C	V	X															7
8	MW-110	7-18-13	1415		W		X	2	40	C	V	X															8
9	MW-210	7-18-13	1235		W		X	2	40	C	V	X															9
10	MW-211	7-18-13	1520		W		X	2	40	C	V	X															10

Relinquished by: (Initials and Sign)	Date & Time	Relinquished to: (Initials and Sign)	Date & Time
1) Thomas S. Lawrence	7-19-13 / 1535	2) [illegible]	7/19/13 15:35
3)		4)	
5)		6)	

Total Containers per COC: 46 Cooler Temp: 5°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

Final 1.000

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 263569 Page 2 of 3

Company-City: Atlanta Environmental Management, Inc. Phone: (404) 329-9006

Lab Only: WO# 467066

Proj Name-Location: ☐ Previously done at XENCO — Aramark - Dekalb Ave. Project ID: 1133-1304

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other — Proj. Manager (PM): Leona Miles

e-Mail Results to ☒ PM or leona-miles@aem-net.com Fax No: (404) 329-2057

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Leona Miles

Quote/Pricing: P.O No: ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Thomas S. Lawrence — Signature: Thomas S. Lawrence

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn:
1	MW-214	7.18.13	1835		W		X	2	40	C	V	X													1
2	MW-409	7.18.13	1403		W		X	2	40	C	V	X													2
3	MW-207P	7.18.13	1503		W		X	2	40	C	V	X													3
4	MW-206	7.18.13	1615		W		X	2	40	C	V	X													4
5	MW-204	7.18.13	1730		W		X	2	40	C	V	X													5
6	MW-306	7.18.13	1800		W		X	2	40	C	V	X													6
7	MW-109	7.18.13	1558		W		X	2	40	C	V	X													7
8	MW-212	7.19.13	1140		W		X	2	40	C	V	X													8
9	MW-212 Dup	7.19.13	1142		W		X	2	40	C	V	X													9
10	MW-213	7.19.13	1232		W		X	2	40	C	V	X													10

	Relinquished by: (Initials and Sign)	Date & Time	Relinquished to: (Initials and Sign)	Date & Time
1	Thomas S. Lawrence	7-19-13/1535	2)	7/19-13 15:35
2	3)		4)	
3	5)		6)	

Total Containers per COC: 46 Cooler Temp: 5°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 263567

Company-City: Atlanta Environmental Management Inc. **Phone:** (404) 329-9006

Lab Only: WO # 467066

Proj Name-Location: Aramark Dekalb Ave ☐ Previously done at XENCO **Project ID:** 1133-1304

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, (GA), LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Leona Miles

e-Mail Results to ☒ PM or leona-miles@aem-net.com **Fax No:** (404) 329-3057

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs (See Lab PM) Included Call PM)

Sampler Name: Thomas S. Lawrence Signature: Thomas S. Lawrence

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks	
1	MW-403	7.19.13	1055		W		X	2	40	C	V	X														1
2	MW-403 Dup	7.19.13	1055		W		X	2	40	C	V	X														2
3	Trip Blank	—	—		W		X	2	40	C	V	X														3
4	~~MW~~																									4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10

From: Rcv by: Date Addn:

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Thomas S. Lawrence	7-19-13/1555	2) [signature]	7-19-13 18:35
3)		4)	
5)		6)	

Total Containers per COC: 46 Cooler Temp: 5°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 07/19/2013 03:35:00 PM

Work Order #: 467066

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**No**
#5 Custody Seals intact on sample bottles?	**No**
#6 *Custody Seals Signed and dated?	**No**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 07/20/2013

Checklist reviewed by: David C. Fuller Date: 07/22/2013

ATTACHMENT H

Updated Historical Groundwater Tables

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-109												
			03/04/03	04/07/04	07/13/05	10/11/05	01/26/06	04/12/06	08/18/06	11/09/06	02/09/07	05/31/07	09/19/07	12/06/07	03/11/08
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
1,1-Dichloroethene	µg/L	7	<5	**13**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Chloroethane	µg/L	10*	<5	<5	<10	<10	<5	<10	<10	<10	**22**	**9.5 J**	**7 J**	<25	<10
cis-1,2-Dichloroethene	µg/L	70	**1,200**	**680**	**347**	**328**	**320**	**372**	<5	<5	**5.9**	<5	<5	<25	<5
trans-1,2-Dichloroethene	µg/L	100	**21**	**12.0**	**7.7**	**5.5**	**5.8**	**4.0 J**	<5	<5	<5	<5	<5	<25	<5
Vinyl Chloride	µg/L	2	**800**	**900**	**733**	**508**	**260**	**743**	<2	<2	<2	<2	<2	<10	<2
Aromatic Hydrocarbons															
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
o-xylene	µg/L	10,000	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5
m,p-Xylene	µg/L	10,000	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5
Xylenes, total	µg/L	10,000	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Non-Chlorinated VOCs															
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals															
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	**0.013**	<0.010	<0.010	NA	<0.010	NA	NA
Barium	mg/L	2,000	NA	NA	NA	NA	NA	NA	**0.073**	**0.023**	**0.033**	NA	<0.020	NA	<0.020
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	NA	**0.013**	NA	NA	**0.056**	**0.043**	**0.01**	**0.024**	**0.017**	<0.05	<0.010
Iron	mg/L	NR	NA	NA	NA	NA	NA	NA	**2.89**	**0.811**	**0.943**	**0.304**	**0.212**	**0.1**	**0.217**
Lead	mg/L	15	NA	NA	NA	NA	NA	NA	**0.018**	**0.009 J**	**0.024**	<0.010	<0.010	<0.01	<0.010
Manganese	mg/L	NR	NA	NA	NA	**1.96**	NA	NA	**70.3**	**54.6**	**14.4**	**59.7**	**32.3**	**14.8**	**5.8**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	NA	NA	NA	NA	**1,290**	**665**	**386**	**542**	**337**	**410**	**319**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-109												
			03/04/03	04/07/04	07/13/05	10/11/05	01/26/06	04/12/06	08/18/06	11/09/06	02/09/07	05/31/07	09/19/07	12/06/07	03/11/08
Other															
Chlorides	mg/L	NR	NA	NA	**15**	NA	NA	**11.9**	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	<0.10	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	<0.10	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	**313**	NA	NA	**23.3**	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	**180**	**100**	NA	**73**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-109						MW-110								
			06/08/08	09/11/08	08/07/09	12/01/09	06/02/11	07/18/13	03/04/03	04/06/04	1/26/06	04/11/06	08/17/06	02/08/07	05/30/07	09/18/07	03/10/08
Chlorinated VOCs		Type 1 RRS															
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**2.2 J**
1,1,1-Trichloroethane	µg/L	200	NA	NA	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	**4.7 J**	**12**	**6.3**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<4	<4	<4	<4	<5	<5	<5	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	**145**	**389**	**520**	**29**	**37**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	**8**	**40**	**110**	**10**	**24**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons																	
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	<5	NA	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	<5	NA	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	NA	NA	NA	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	<5	NA	NA	<5	<5	<5	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																	
2-Butanone	µg/L	2,000	NA	NA	<50	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	<50	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	<5	NA	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	<5	NA	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																	
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA
Barium	mg/L	2,000	**0.034**	**0.016**	NA	**0.175**	NA	NA	NA	NA	NA	NA	**0.086**	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	<0.010	<0.010	NA	<0.050	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA
Iron	mg/L	NR	**0.084 J**	**0.267**	NA	**2.08**	NA	NA	NA	NA	NA	NA	<0.100	NA	NA	NA	NA
Lead	mg/L	15	<0.010	<0.010	NA	<0.010	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA
Manganese	mg/L	NR	**1.47**	**2.85**	NA	**10.9**	NA	NA	NA	NA	NA	NA	**7.96**	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**239**	**190**	NA	**157**	NA	NA	NA	NA	NA	NA	**9.06**	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-109						MW-110								
			06/08/08	09/11/08	08/07/09	12/01/09	06/02/11	07/18/13	03/04/03	04/06/04	1/26/06	04/11/06	08/17/06	02/08/07	05/30/07	09/18/07	03/10/08
Other																	
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	**0.89**	**0.89**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-110					MW-111		
			06/09/08	09/09/08	12/01/09	06/01/11	07/18/13	12/01/09	06/01/11	07/18/13
Chlorinated VOCs		Type 1 RRS								
Tetrachloroethene	µg/L	5	<5	**4.3 J**	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	<5	<5	NA	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<4	<4	<4	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons										
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	<5	<5	NA	<5	<5
Cyclohexane	µg/L	5*	NA	NA	NA	<5	<5	NA	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs										
2-Butanone	µg/L	2,000	NA	NA	<50	<50	<50	<50	<50	<50
Acetone	µg/L	4,000	NA	NA	NA	<50	<50	NA	<50	<50
Bromomethane	µg/L	5*	NA	NA	NA	<5	<5	NA	<5	<5
Carbon Disulfide	µg/L	4,000	NA	NA	NA	<5	<5	NA	<5	<5
Metals										
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	15	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA

Table H-1. Summary of Groundwater Analyses for MW-109, MW-1110, and MW-111.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-110					MW-111		
			06/09/08	09/09/08	12/01/09	06/01/11	07/18/13	12/01/09	06/01/11	07/18/13
Other										
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

J- Estimated value. Presence of the compound was confirmed
but less than the reported detection limit

Table H-2. Summary of Groundwater Analyses for MW-210 through MW-214
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-210		MW-211		MW-212		MW-213		MW-214	
			06/03/13	07/18/13	6/4/2013	07/18/13	06/03/13	07/19/13	06/03/13	07/19/13	06/04/13	07/18/13
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	**160**	**150**	**720**	**130**	<5	<5
1,1,1-Trichloroethane	µg/L	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	**21**	**24**	**140**	**54**	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	4*	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	**77**	**58**	**330**	**160**	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	**5.7**	<2	<2	**3.5**	<2	<2
Aromatic Hydrocarbons												
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cyclohexane	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs												
2-Butanone (MEK)	µg/L	2,000	<50	<50	<50	<50	**270**	**160**	<50	<50	<50	<50
Acetone	µg/L	4,000	<50	<50	<50	<50	**620**	**620**	<50	<50	<50	<50
Bromomethane	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Disulfide	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl-tert-butyl Ether	µg/L	NR	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
NA-not analyzed
Exceeds Type 1 RRS
*-Risk Reduction Standard based on Detection limit
NR-Not regulated

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-301							
			04/14/06	08/17/06	09/21/06	11/08/06	12/15/06	02/07/07	04/24/07	06/01/07
Chlorinated VOCs		Type 1 RRS								
Tetrachloroethene	µg/L	5	<5	**31 E**	<5	**229**	**4,570**	**3,580**	<5	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons										
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs										
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	<1	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA
Metals										
Arsenic	mg/L	10	<0.10	**0.01**	NA	**0.009 J**	NA	<0.010	NA	<0.100
Barium	mg/L	2,000	<0.20	**0.053**	**0.052**	**0.048**	NA	**0.037**	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	<0.10	**0.009 J**	**0.008 J**	<0.010	NA	<0.010	NA	**0.126**
Iron	mg/L	NR	<1	<0.100	NA	**0.134**	NA	**0.096 J**	NA	<1
Lead	mg/L	15	<0.10	<0.010	NA	<0.010	NA	<0.010	NA	**0.19**
Manganese	mg/L	NR	**273**	**44.7**	**64.3**	**24.3**	NA	**32.1**	NA	**2,710**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**204**	**105**	**87.8**	**81.5**	NA	**81.3**	NA	**1,460**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-301							
			04/14/06	08/17/06	09/21/06	11/08/06	12/15/06	02/07/07	04/24/07	06/01/07
Other										
Chlorides	mg/L	NR	<100	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	**27.9**	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	**0.93**	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	**137**	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	**110**	NA	**6,600**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-301						MW-302							
			09/20/07	12/06/07	03/10/08	06/09/08	9/11/08	12/01/09	04/13/06	08/16/06	11/09/06	12/15/06	02/07/07	04/23/07	06/01/07	09/20/07
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/L	5	<5	<50	<5	<5	<5	**120**	**78**	<5	<5	<5	<5	<5	**9.3**	**16**
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<50	<5	<5	<5	<5	**3.5 J**	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<50	<10	<10	<10	<4	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons																
Benzene	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	NA	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA
Xylenes, total	µg/L	10,000	NA	NA	NA	NA	NA	NA	NA	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Arsenic	mg/L	10	<0.010	**0.0152**	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	NA	<0.050	NA	NA	<0.010
Barium	mg/L	2,000	**0.058**	NA	<0.020	**0.085**	**0.030**	NA	**0.122**	**0.041**	**0.042**	NA	**0.076 J**	NA	NA	**0.058**
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	**0.084**	**0.0643**	**0.009 J**	**0.087**	**0.042**	NA	<0.010	**0.137**	**0.053**	NA	**0.037 J**	NA	**0.034**	**0.036**
Iron	mg/L	NR	**0.176**	**2.73**	<0.100	**5.32**	<0.100	NA	<0.100	<0.100	<0.100	NA	**0.757**	NA	<0.100	<0.100
Lead	mg/L	15	**0.129**	**0.0589**	<0.010	<0.010	<0.010	NA	<0.010	**0.104**	**0.026**	NA	<0.050	NA	<0.010	<0.010
Manganese	mg/L	NR	**1,470**	**908**	**131**	**605**	**194**	NA	**0.777**	**836**	**280**	NA	**178**	NA	**14.9**	**6.14**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**1,950**	**655**	**71.5**	**19.4**	**196**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-301						MW-302							
			09/20/07	12/06/07	03/10/08	06/09/08	9/11/08	12/01/09	04/13/06	08/16/06	11/09/06	12/15/06	02/07/07	04/23/07	06/01/07	09/20/07
Other																
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	**33.1**	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	**4.85**	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	<0.10	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	**120**	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	**1,100**	NA	**4,100**	**2,800**	**700**	NA	NA	NA	NA	NA	**6,000**	NA	**38**	**18**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-302		MW-302			MW-303								
			12/06/07	03/11/08	06/06/08	09/12/08	12/01/09	04/14/06	08/17/06	11/10/06	12/17/06	02/07/07	04/23/07	06/01/07	09/20/07	12/06/07
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/L	5	**8.75**	**27**	<5	**9.3**	**26**	**4,530**	<5	<5	<5	<5	<5	<5	<5	<50
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	**104**	<5	<5	<5	<5	<5	<5	<5	<50
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50
Chloroethane	µg/L	10*	<5	<10	<10	<10	<4	<10	<10	<10	<10	<10	<5	<10	<10	<50
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	**659**	<5	<5	<5	<5	<5	<5	<5	<50
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	**24**	<2	<2	<2	<2	<2	<2	<2	<20
Aromatic Hydrocarbons																
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	**2.7 J**	<5	<5	<5	<5	<5	<50
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	**4.4 J**	<5	<5	<5	<5	<5	<5	<5	<50
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	**5.5**	<5	<5	<5	<5	<5	<5	<5	<50
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	**76**	<5	<5	<5	<5	<5	<5	<5	<50
m,p-Xylene	µg/L	10,000	NA	NA	<5	<5	<5	**14**	<5	<5	<5	<5	<5	<5	<5	<50
Xylenes, total	µg/L	10,000	<15	<5	NA	NA	NA	**90**	<15	<5	<5	<5	<5	<5	<5	<50
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	**14**	<5	<5	<5	<5	<5	<5	<5	<50
Non-Chlorinated VOCs																
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Arsenic	mg/L	10	<0.010	NA	<0.010	NA	NA	<0.010	NA	<0.050	NA	<0.010	NA	NA	<0.010	<0.010
Barium	mg/L	2,000	NA	**0.048**	**0.047**	**0.044**	<0.05	**0.407**	NA	<0.100	NA	<0.020	NA	NA	<0.020	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	<0.05	**0.05**	**0.034**	**0.023**	<0.05	<0.010	NA	**0.071**	NA	**0.05**	NA	**0.034**	**0.028**	<0.05
Iron	mg/L	NR	**0.224**	<0.100	<0.100	<0.100	<0.100	<0.100	NA	<0.500	NA	<0.100	NA	<0.100	<0.100	**0.204**
Lead	mg/L	15	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.050	NA	**0.017**	NA	**0.023**	**0.012**	<0.010
Manganese	mg/L	NR	**4.01**	**3.9**	**12.9**	**10.9**	**6.67**	**0.302**	NA	**317**	NA	**221**	NA	**234**	**154**	**66.9**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	NA	NA	NA	**41.1**	NA	**189**	NA	**160**	NA	**188**	**150**	**163**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-302		MW-302			MW-303								
			12/06/07	03/11/08	06/06/08	09/12/08	12/01/09	04/14/06	08/17/06	11/10/06	12/17/06	02/07/07	04/23/07	06/01/07	09/20/07	12/06/07
Other																
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	**51**	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	**5.58**	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	<0.10	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	**23**	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	**9.5**	**51**	**31**	NA	NA	NA	NA	NA	**860**	NA	**690**	**480**	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-303				MW-306									
			03/11/08	06/05/08	09/11/08	12/03/09	04/13/06	08/16/06	11/08/06	02/09/07	05/31/07	09/19/07	12/05/07	3/7/08	6/5/08	9/12/08
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/L	5	**257**	**37**	**650**	**7,330**	<5	**2.9 J**	**2.7 J**	**<5**	**4.0 J**	**2.7 J**	<5	<5	<5	**4.8 J**
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	**310**	<5	<5	<5	<5	<5	<5	**1.4**	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	**3.0 J**	**2.2 J**	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<10	<4	<10	<10	<10	<10	<10	<10	<5	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	**1,700**	<5	**2.6 J**	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	**20**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons																
Benzene	µg/L	5	**2.6 J**	<5	**2.2 J**	<5	**15**	**43**	**34**	**6.8**	**26**	**17**	**33**	**7.1**	**4.1 J**	**9.3**
Ethylbenzene	µg/L	700	**3.9 J**	<5	**4.9 J**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	**11**	**35**	**22**	**6.1**	**23**	**13**	**28**	**6.5**	<5	**6.2**
o-xylene	µg/L	10,000	**56**	**25**	**63**	<5	<5	**7.5**	**4.8 J**	<5	**3.9 J**	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	**14**	**6.6**	**20**	<5	<5	**2.1**	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	**70**	**31.6**	**83**	NA	<5	**9.6**	**4.8**	<5	**3.9 J**	<5	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	**19**	**5.4**	**19**	<5	<5	**4.2 J**	**2.8 J**	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																
2-Butanone	µg/L	2,000	NA	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Arsenic	mg/L	10	<0.010	<0.010	NA	NA	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	NA
Barium	mg/L	2,000	**0.020**	**0.022**	NA	NA	**0.210**	**0.152**	**0.128**	**0.138**	<0.020	**0.153**	<0.020	**0.109**	**0.097**	**0.116**
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	**0.014**	**0.019**	<0.010	NA	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.05	<0.010	**0.013**	<0.010
Iron	mg/L	NR	**0.131**	<0.100	<0.100	NA	**0.111**	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	**0.198**	<0.100
Lead	mg/L	15	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Manganese	mg/L	NR	**23.4**	**25.3**	**0.844**	NA	**0.286**	**0.394**	**0.308**	**0.308**	**0.363**	**0.319**	**0.329**	**0.337**	**0.337**	**0.340**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**88.2**	**98.2**	**3.28**	NA	**19**	**18.8**	**17.7**	**14.3**	**20.3**	**18.2**	**20.7**	**17.5**	**16.5**	**16.9**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-303				MW-306									
			03/11/08	06/05/08	09/11/08	12/03/09	04/13/06	08/16/06	11/08/06	02/09/07	05/31/07	09/19/07	12/05/07	3/7/08	6/5/08	9/12/08
Other																
Chlorides	mg/L	NR	NA	NA	NA	NA	**25.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	**0.21**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	**101**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	**74**	**0.89**	NA	NA	NA	NA	NA	**0.89**	**0.89**	NA	**0.89**	**0.89**	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-306		
			12/3/09	06/02/11	07/18/13
Chlorinated VOCs		Type 1 RRS			
Tetrachloroethene	µg/L	5	**14**	**13**	**23**
1,1,1-Trichloroethane	µg/L	200	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5
Chloroethane	µg/L	10*	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2
Aromatic Hydrocarbons					
Benzene	µg/L	5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5
Chlorobenzene	µg/L	100	<5	<5	<5
Cyclohexane	µg/L	5*	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5
Xylenes, total	µg/L	10,000	<5	<5	<5
Isopropylbenzene	µg/L	5*	<5	<5	<5
Non-Chlorinated VOCs					
2-Butanone	µg/L	2,000	<50	<50	<50
Acetone	µg/L	4,000	<50	<50	<50
Bromomethane	µg/L	5*	<5	<5	<5
Carbon Disulfide	µg/L	4,000	<5	<5	<5
Metals					
Arsenic	mg/L	10	NA	NA	NA
Barium	mg/L	2,000	**0.097**	NA	NA
Beryllium	mg/L	4	NA	NA	NA
Chromium	mg/L	100	<0.05	NA	NA
Iron	mg/L	NR	<0.100	NA	NA
Lead	mg/L	15	<0.010	NA	NA
Manganese	mg/L	NR	**0.316**	NA	NA
Nickel	mg/L	100	NA	NA	NA
Sodium	mg/L	NR	**11**	NA	NA
Thallium	mg/L	2	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA

Table H-3. Summary of Groundwater Analyses for MW-301, MW-302, MW-303, and MW-306.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-306		
			12/3/09	06/02/11	07/18/13
Other					
Chlorides	mg/L	NR	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-401					MW-402							
			04/19/06	05/15/06	08/15/06	11/09/06	07/17/13	04/20/06	05/16/06	08/15/06	11/09/06	5/31/07	12/01/09	06/01/11	07/18/13
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	NA	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<10	<10	<4	<10	<10	<10	<10	<10	<10	<10	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons															
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	NA	<5	<5
Cyclohexane	µg/L	5*	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	NA	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<10	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	<5	<5	<5	NA	NA	<5	<5	<5	<5	NA	NA	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs															
2-Butanone	µg/L	2,000	<50	NA	NA	NA	<50	<50	NA	NA	NA	NA	NA	<50	<50
Acetone	µg/L	4,000	<50	NA	NA	NA	<50	<50	NA	NA	NA	NA	NA	<50	<50
Bromomethane	µg/L	5*	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	NA	<5	<5
Carbon Disulfide	µg/L	4,000	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	NA	<5	<5
Metals															
Arsenic	mg/L	10	NA	NA	<0.010	<0.010	NA	NA	NA	<0.010	NA	NA	NA	NA	NA
Barium	mg/L	2,000	NA	NA	**0.07**	**0.071**	NA	NA	NA	**0.037**	NA	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	<0.010	<0.010	NA	NA	NA	<0.010	NA	NA	NA	NA	NA
Iron	mg/L	NR	NA	NA	**11.3**	**12**	NA	NA	NA	<0.100	NA	NA	NA	NA	NA
Lead	mg/L	15	NA	NA	<0.010	<0.010	NA	NA	NA	<0.010	NA	NA	NA	NA	NA
Manganese	mg/L	NR	NA	NA	**6.26**	**6.42**	NA	NA	NA	**0.603**	NA	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	**4.99**	**5.97**	NA	NA	NA	**6.52**	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-401					MW-402							
			04/19/06	05/15/06	08/15/06	11/09/06	07/17/13	04/20/06	05/16/06	08/15/06	11/09/06	5/31/07	12/01/09	06/01/11	07/18/13
Other															
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-403						
			04/20/06	05/16/06	08/18/06	11/10/06	12/17/06	02/09/07	06/01/07
Chlorinated VOCs		Type 1 RRS							
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	<5	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	**67**	**14**	**11**	**35**	**29**	<10	**26**
cis-1,2-Dichloroethene	µg/L	70	**2,600**	**1,620**	<5	<5	<5	**304**	<5
trans-1,2-Dichloroethene	µg/L	100	**14**	**9.6**	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	**1,500**	**1,660**	<2	<2	<2	<2	<2
Aromatic Hydrocarbons									
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	<5	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	<5	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	**16**	**3.9 J**	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<10	<5	**4.8 J**	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	NA	<5	<5	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs									
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	NA	NA
Metals									
Arsenic	mg/L	10	NA	NA	<0.010	<0.050	NA	<0.010	NA
Barium	mg/L	2,000	NA	NA	<0.020	<0.100	NA	<0.020	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	**0.288**	**0.211**	NA	**0.011**	**0.021**
Iron	mg/L	NR	NA	NA	**0.134**	<0.500	NA	<0.100	<0.100
Lead	mg/L	15	NA	NA	**0.083**	<0.050	NA	<0.010	**0.012**
Manganese	mg/L	NR	NA	NA	**693**	**295**	NA	**2.44**	**132**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	**1,090**	**417**	NA	**156**	**214**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-403						
			04/20/06	05/16/06	08/18/06	11/10/06	12/17/06	02/09/07	06/01/07
Other									
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	NA	**250**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-403										MW-404				
			09/19/07	12/06/07	03/11/08	06/09/08	09/11/08	08/07/09	12/01/09	06/02/11	10/08/12	07/19/13	04/20/06	05/16/06	08/17/06	11/08/06	02/08/07
Chlorinated VOCs		Type 1 RRS															
Tetrachloroethene	µg/L	5	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	<5	NA	<5	<5	<5	<5	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	**23**	**42**	**15**	**17**	**40**	**23**	**19**	<4	<10	<4	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	<5	<25	<5	<5	**165**	**700**	**170**	**340**	**55**	**27**	**7.8**	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<10	<2	<2	**108**	**750**	**350**	**1,600**	**400**	**190**	<2	<2	<2	<2	<2
Aromatic Hydrocarbons																	
Benzene	µg/L	5	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	<5	NA	<5	<5	<5	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	<5	NA	<5	<5	<5	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	<5	<25	<5	<5	<5	<5	<15	<5	<5	NA	<5	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	<10	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																	
2-Butanone	µg/L	2,000	NA	NA	NA	NA	NA	<50	NA	<50	<50	<50	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	NA	<50	NA	<50	<50	<50	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	NA	<5	NA	<5	<5	<5	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	NA	<5	NA	<5	<5	<5	NA	NA	NA	NA	NA
Metals																	
Arsenic	mg/L	10	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA
Barium	mg/L	2,000	<0.020	NA	<0.020	**0.219**	<0.020	NA	<0.050	NA	NA	NA	NA	NA	**0.055**	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	**0.043**	<0.05	**0.022**	**0.044**	**0.024**	NA	<0.050	NA	NA	NA	NA	NA	<0.010	NA	NA
Iron	mg/L	NR	<0.100	<0.100	<0.100	**22.5**	**0.255**	NA	<0.100	NA	NA	NA	NA	NA	4	NA	NA
Lead	mg/L	15	<0.010	<0.010	<0.010	**0.063**	<0.010	NA	<0.01	NA	NA	NA	NA	NA	<0.010	NA	NA
Manganese	mg/L	NR	**67.9**	**29.2**	**5.24**	**50.6**	**1.18**	NA	**0.455**	NA	NA	NA	NA	NA	**0.162**	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**205**	**260**	**163**	**165**	**134**	NA	**151**	NA	NA	NA	NA	NA	**11**	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-403										MW-404				
			09/19/07	12/06/07	03/11/08	06/09/08	09/11/08	08/07/09	12/01/09	06/02/11	10/08/12	07/19/13	04/20/06	05/16/06	08/17/06	11/08/06	02/08/07
Other																	
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	**200**	NA	**15**	**13**	**0.89**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-404							MW-405						
			06/01/07	09/18/07	12/05/07	03/06/08	06/05/08	09/12/08	12/01/09	04/20/06	05/16/06	09/21/06	11/08/06	2/9/07	5/30/07	9/18/07
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<10	<10	<10	<10	<4	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/L	70	<5	<5	**4.0 J**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons																
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																
2-Butanone	µg/L	2,000	NA	NA	NA	<50	NA	NA	NA	<50	NA	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	<50	NA	NA	NA	<50	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	<5	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	<5	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
Metals																
Arsenic	mg/L	10	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.008 J**	NA	<0.010
Barium	mg/L	2,000	NA	**0.022**	NA	NA	NA	NA	NA	NA	NA	**0.020**	NA	**0.022**	NA	**0.023**
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	<0.010	**0.019**	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	<0.010	<0.010	<0.010
Iron	mg/L	NR	**0.353**	<0.100	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.446**	**0.220**	**0.545**
Lead	mg/L	15	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.010	<0.010	<0.010
Manganese	mg/L	NR	**0.08**	**25.3**	NA	NA	NA	NA	NA	NA	NA	**1.23**	NA	**1.88**	**2.17**	**1.98**
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**13.3**	**98.2**	NA	NA	NA	NA	NA	NA	NA	**9.09**	NA	**7.75**	**10.4**	**8.08**
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-404							MW-405						
			06/01/07	09/18/07	12/05/07	03/06/08	06/05/08	09/12/08	12/01/09	04/20/06	05/16/06	09/21/06	11/08/06	2/9/07	5/30/07	9/18/07
Other																
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	**39**	**74**	NA	NA	**11**	**0.89**	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-405						MW-406					MW-407				
			3/7/08	06/05/08	9/10/08	12/01/09	06/01/11	07/17/13	12/05/07	03/11/08	06/09/08	09/11/08	12/3/09	12/06/07	03/10/08	06/09/08	09/11/08	12/1/09
Chlorinated VOCs		Type 1 RRS																
Tetrachloroethene	µg/L	5	<5	<5	**4.9 J**	<5	<5	<5	**72**	**88**	**73**	**80**	**37**	<50	<5	<5	**54**	**130**
1,1,1-Trichloroethane	µg/L	200	NA	NA	<5	NA	<5	<5	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	**3.3 J**	<5	<5	<50	<5	<5	<5	**6.3**
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Chloroethane	µg/L	10*	<10	<10	<4	<4	<4	<4	<5	<10	<10	<10	<4	<50	<10	<10	<10	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2
Aromatic Hydrocarbons																		
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	<5	<5	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA
Cyclohexane	µg/L	5*	NA	NA	NA	NA	<5	<5	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
o-xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	<5	<5
m,p-Xylene	µg/L	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	<5	<5
Xylenes, total	µg/L	10,000	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
Non-Chlorinated VOCs																		
2-Butanone	µg/L	2,000	NA	NA	NA	NA	<50	<50	NA	NA	NA	NA	<50	NA	NA	NA	NA	NA
Acetone	µg/L	4,000	NA	NA	NA	NA	<50	<50	NA	NA	NA	NA	<50	NA	NA	NA	NA	NA
Bromomethane	µg/L	5*	NA	NA	NA	NA	<5	<5	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	<5	<5	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA
Metals																		
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	2,000	**0.062**	**0.029**	**0.016 J**	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	<0.010	<0.010	<0.010	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NR	**3.93**	**0.863**	<0.100	<0.100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	15	<0.010	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NR	**1.94**	**1.92**	**1.74**	**1.12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	**10.7**	**10.4**	**9.03**	**6.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-405						MW-406					MW-407				
			3/7/08	06/05/08	9/10/08	12/01/09	06/01/11	07/17/13	12/05/07	03/11/08	06/09/08	09/11/08	12/3/09	12/06/07	03/10/08	06/09/08	09/11/08	12/1/09
Other																		
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	**0.89**	**0.89**	**0.89**	NA	NA	**560**	**380**	**120**	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-408					MW-409						
			12/06/07	03/11/08	06/05/08	09/11/08	12/4/09	12/05/07	03/10/08	06/06/08	09/09/08	12/3/09	6/1/11	7/18/13
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/L	5	**660**	**7,240**	**9,360**	**7,760**	**1,200**	<5	<5	<5	<5	**5.8**	**5.2**	**9.7**
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	<5	NA	NA	NA	NA	<5	<5	<5
Trichloroethene	µg/L	5	<50	**102**	**285**	**340**	**120**	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<50	<10	<10	<10	<4	<5	<10	<10	<10	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<50	**267**	**913**	**971**	**440**	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<50	<5	**3.2 J**	**3.0 J**	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons														
Benzene	µg/L	5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	<5	NA	NA	NA	NA	<5	<5	<5
Cyclohexane	µg/L	5*	NA	NA	NA	NA	<5	NA	NA	NA	NA	<5	<5	<5
Naphthalene	µg/L	20	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	NA	NA	<5	<5	<5	NA	NA	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	NA	NA	<5	<5	<5	NA	NA	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	<50	<5	<5	<5	<5	<5	NA	NA	NA	NA	<5	NA
Isopropylbenzene	µg/L	5*	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs														
2-Butanone	µg/L	2,000	NA	NA	NA	NA	<50	NA	NA	NA	NA	<50	<50	<50
Acetone	µg/L	4,000	NA	NA	NA	NA	<50	NA	NA	NA	NA	<50	<50	<50
Bromomethane	µg/L	5*	NA	NA	NA	NA	<5	NA	NA	NA	NA	<5	<5	<5
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	<5	NA	NA	NA	NA	<5	<5	<5
Metals														
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-408					MW-409						
			12/06/07	03/11/08	06/05/08	09/11/08	12/4/09	12/05/07	03/10/08	06/06/08	09/09/08	12/3/09	6/1/11	7/18/13
Other														
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	**2.2**	**1.2**	**0.89**	NA	NA	**0.89**	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-409D						
			12/05/07	03/10/08	06/06/08	09/09/08	12/3/09	6/1/11	7/18/13
Chlorinated VOCs		Type 1 RRS							
Tetrachloroethene	µg/L	5	<5	**3.1 J**	**5.7**	**3.1 J**	<5	<5	<5
1,1,1-Trichloroethane	µg/L	200	NA	NA	NA	NA	<5	<5	<5
Trichloroethene	µg/L	5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/L	7	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/L	5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/L	4,000	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/L	10*	<5	<10	<10	<10	<4	<4	<4
cis-1,2-Dichloroethene	µg/L	70	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/L	100	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2
Aromatic Hydrocarbons									
Benzene	µg/L	5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	700	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/L	1,000	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/L	100	NA	NA	NA	NA	<5	<5	<5
Cyclohexane	µg/L	5*	NA	NA	NA	NA	<5	<5	<5
Naphthalene	µg/L	20	<5	<5	<5	<5	<5	<5	<5
o-xylene	µg/L	10,000	NA	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/L	10,000	NA	<5	<5	<5	<5	<5	<5
Xylenes, total	µg/L	10,000	<5	NA	NA	NA	NA	<5	NA
Isopropylbenzene	µg/L	5*	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs									
2-Butanone	µg/L	2,000	NA	NA	NA	NA	<50	<50	<50
Acetone	µg/L	4,000	NA	NA	NA	NA	<50	<50	<50
Bromomethane	µg/L	5*	NA	NA	NA	NA	<5	<5	<5
Carbon Disulfide	µg/L	4,000	NA	NA	NA	NA	<5	<5	<5
Metals									
Arsenic	mg/L	10	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	4	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	100	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	15	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	100	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	2	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	2,000	NA	NA	NA	NA	NA	NA	NA

Table H-4. Summary of Groundwater Analyses for MW-401, MW-402, MW-403, MW-404, MW-405, MW-406, MW-407, MW-408, MW-409, and MW-409D.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-409D						
			12/05/07	03/10/08	06/06/08	09/09/08	12/3/09	6/1/11	7/18/13
Other									
Chlorides	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Nitrate (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Nitrite (N)	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NR	NA	NA	NA	NA	NA	NA	NA
Potassium Permanganate	mg/L	NR	NA	**0.89**	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/L- micrograms per liter
mg/L-milligrams per liter
NA-not analyzed
*-Risk Reduction Standard based on Detection limit
NR-Not regulated
Exceeds Type 1 RRS

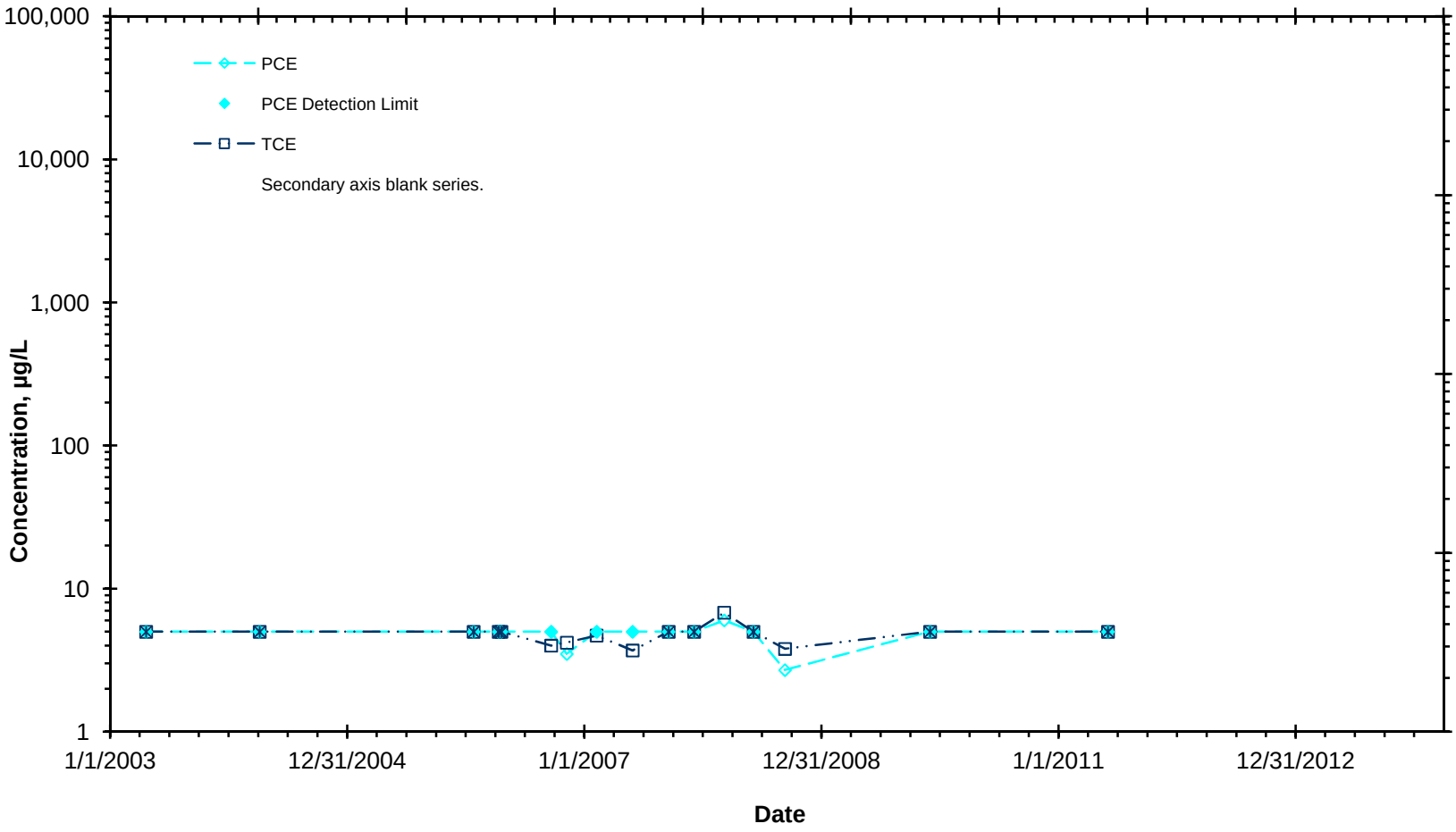
J- Estimated value. Presence of the compound was confirmed but less than the reported detection limit

ATTACHMENT I

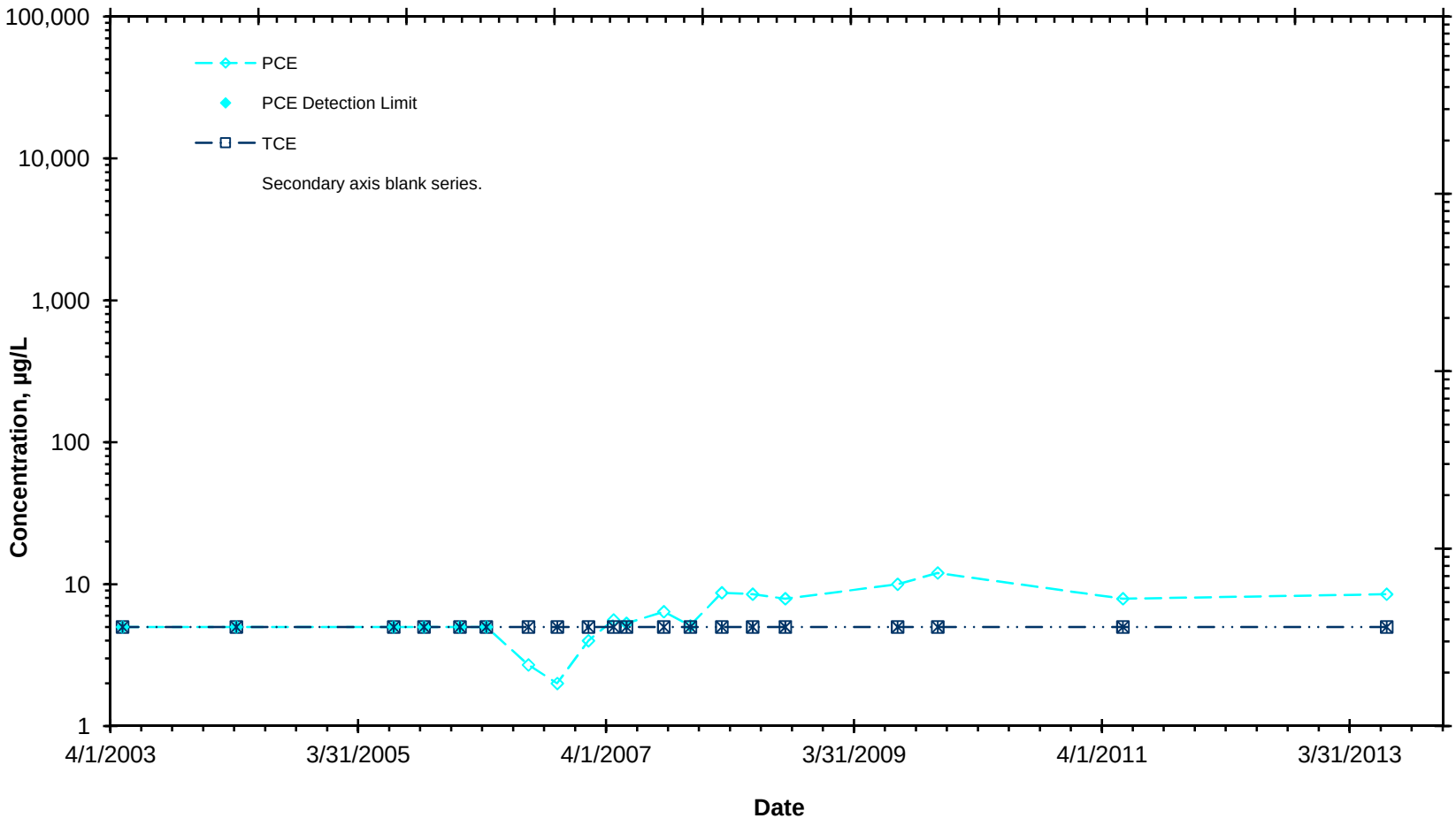
Trend Charts

Upgradient Monitoring Well Trend Charts

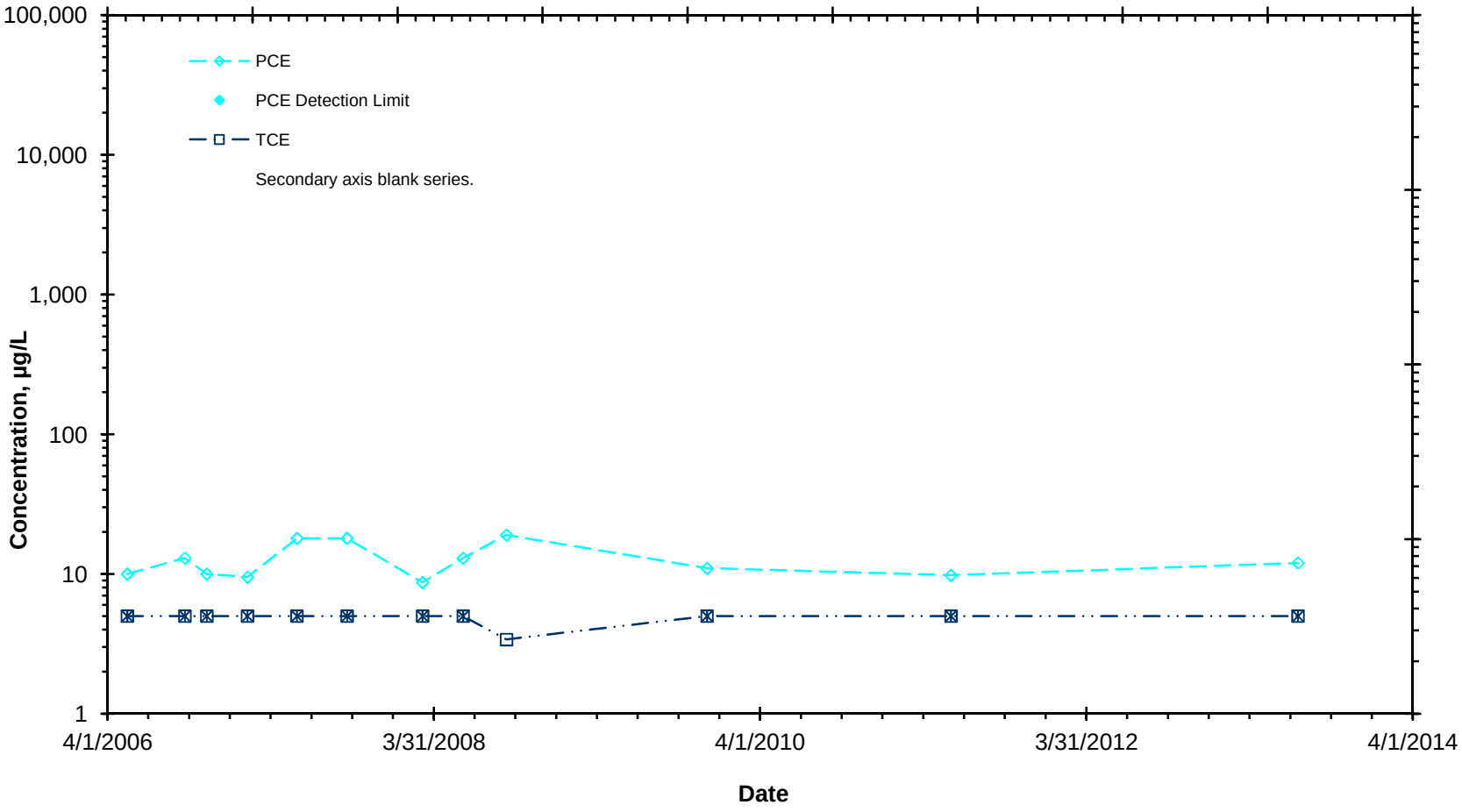
PCE and TCE Concentrations vs Time, MW-203



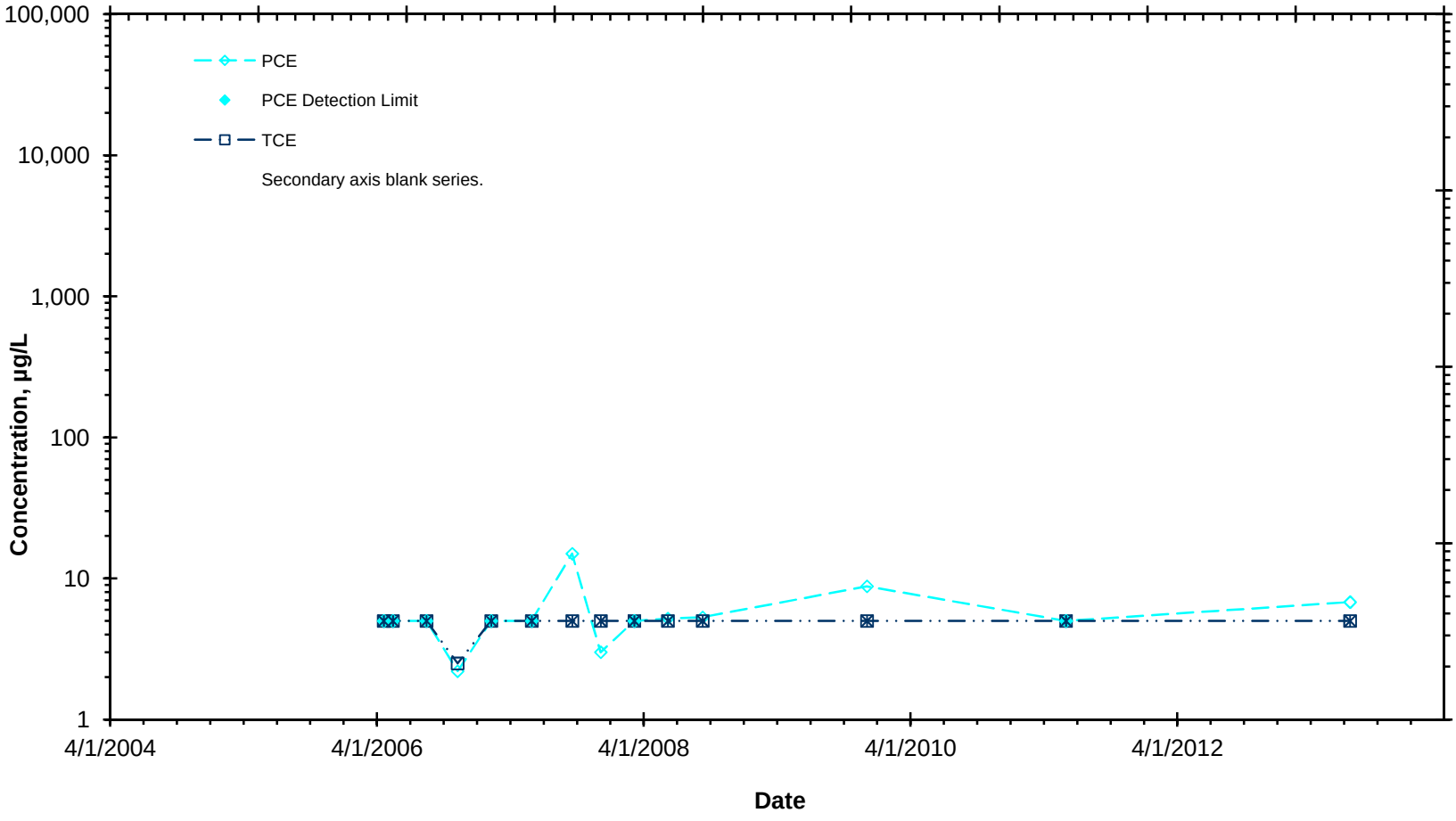
PCE and TCE Concentrations vs Time, MW-204



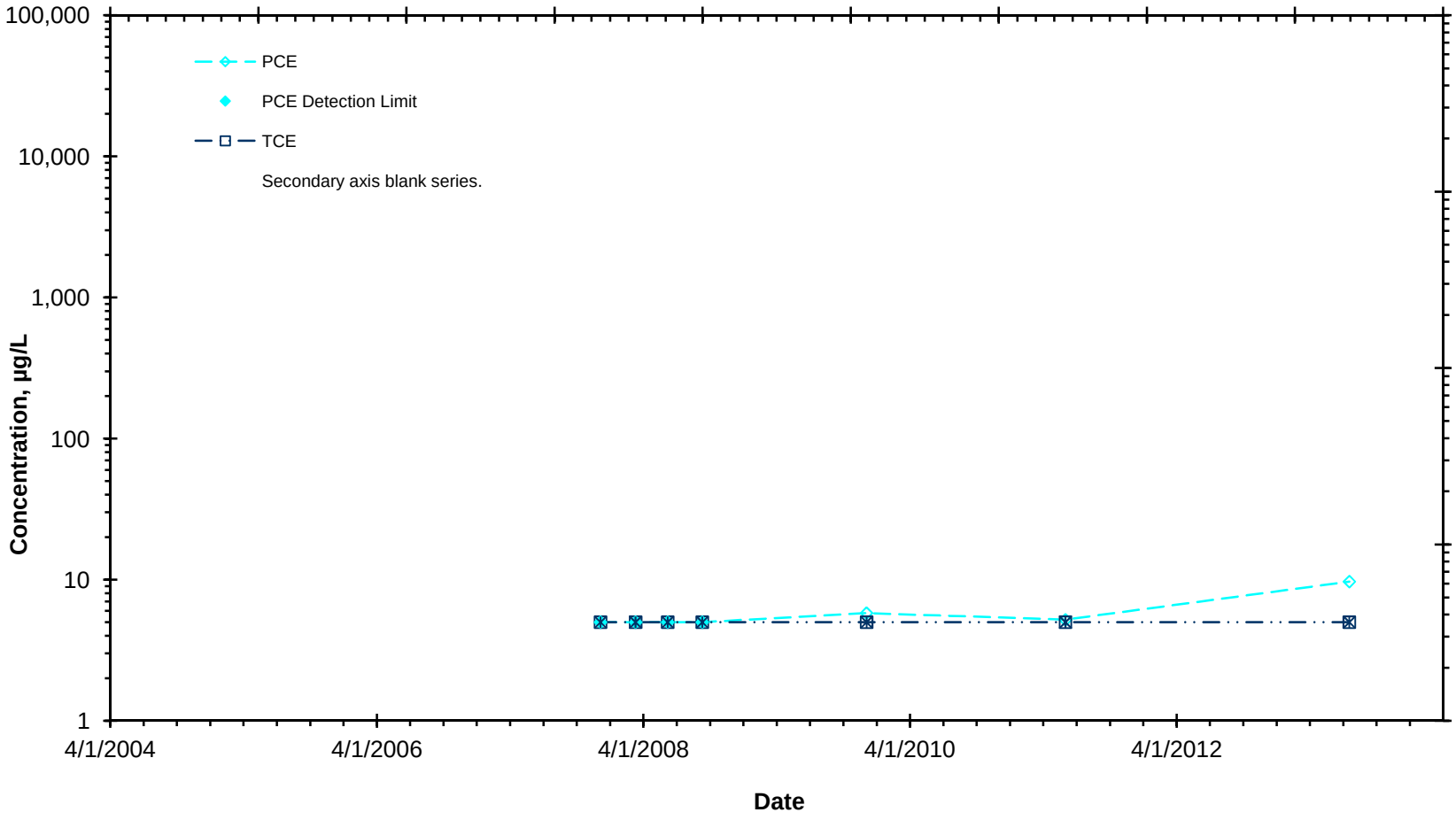
PCE and TCE Concentrations vs Time, MW-207P



PCE and TCE Concentrations vs Time, MW-208P

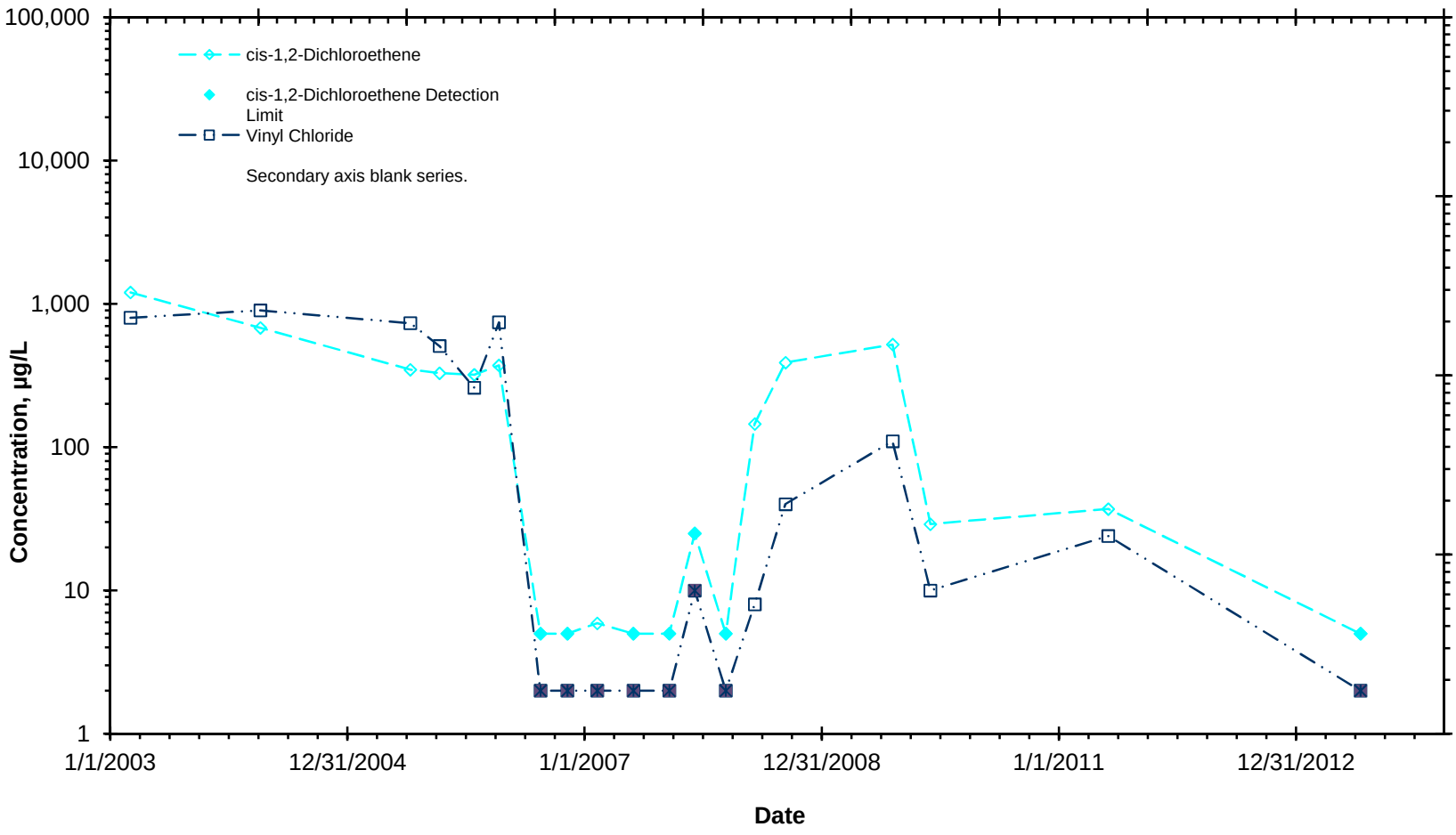


PCE and TCE Concentrations vs Time, MW-409

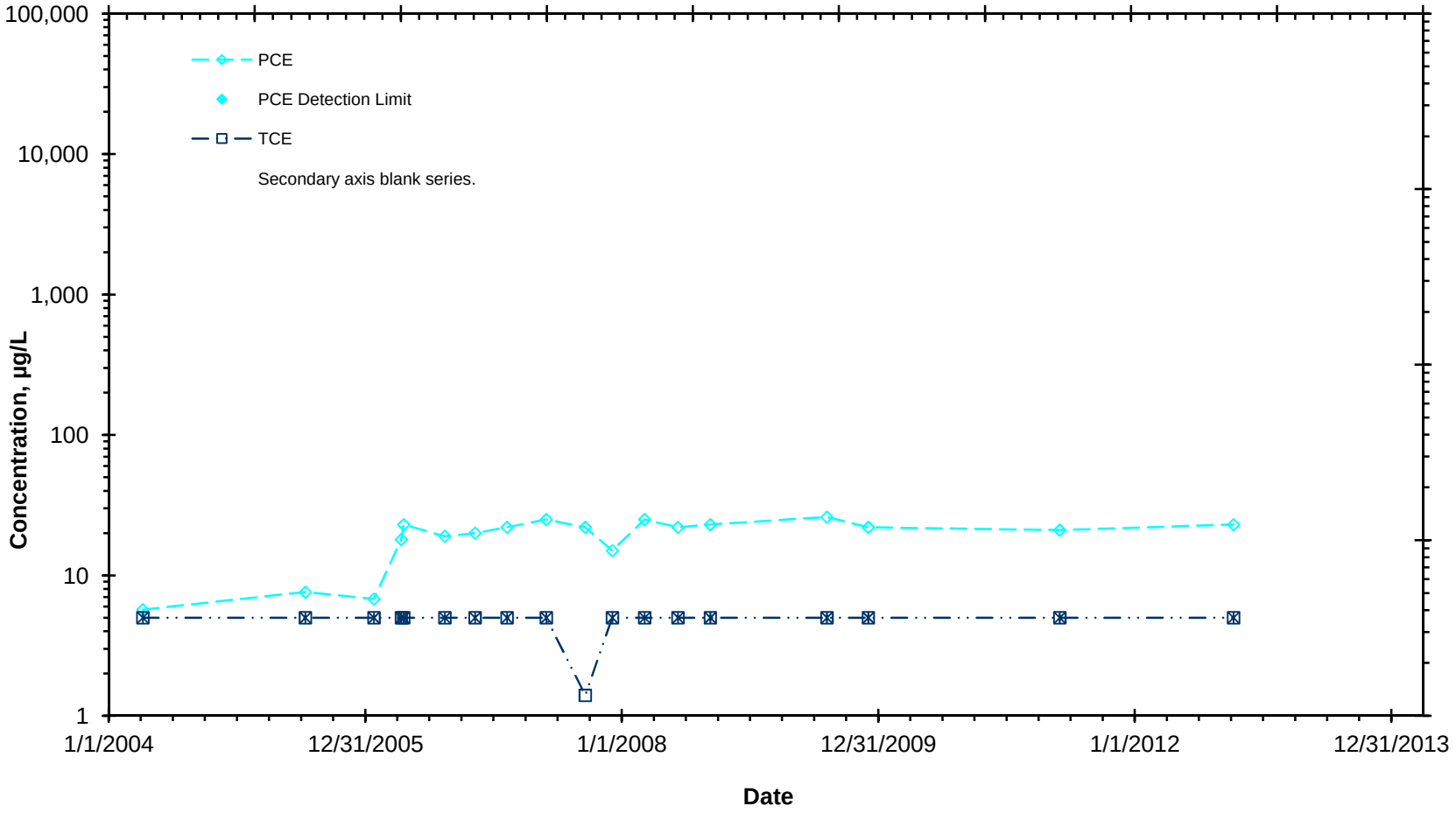


Downgradient Monitoring Well Trend Charts

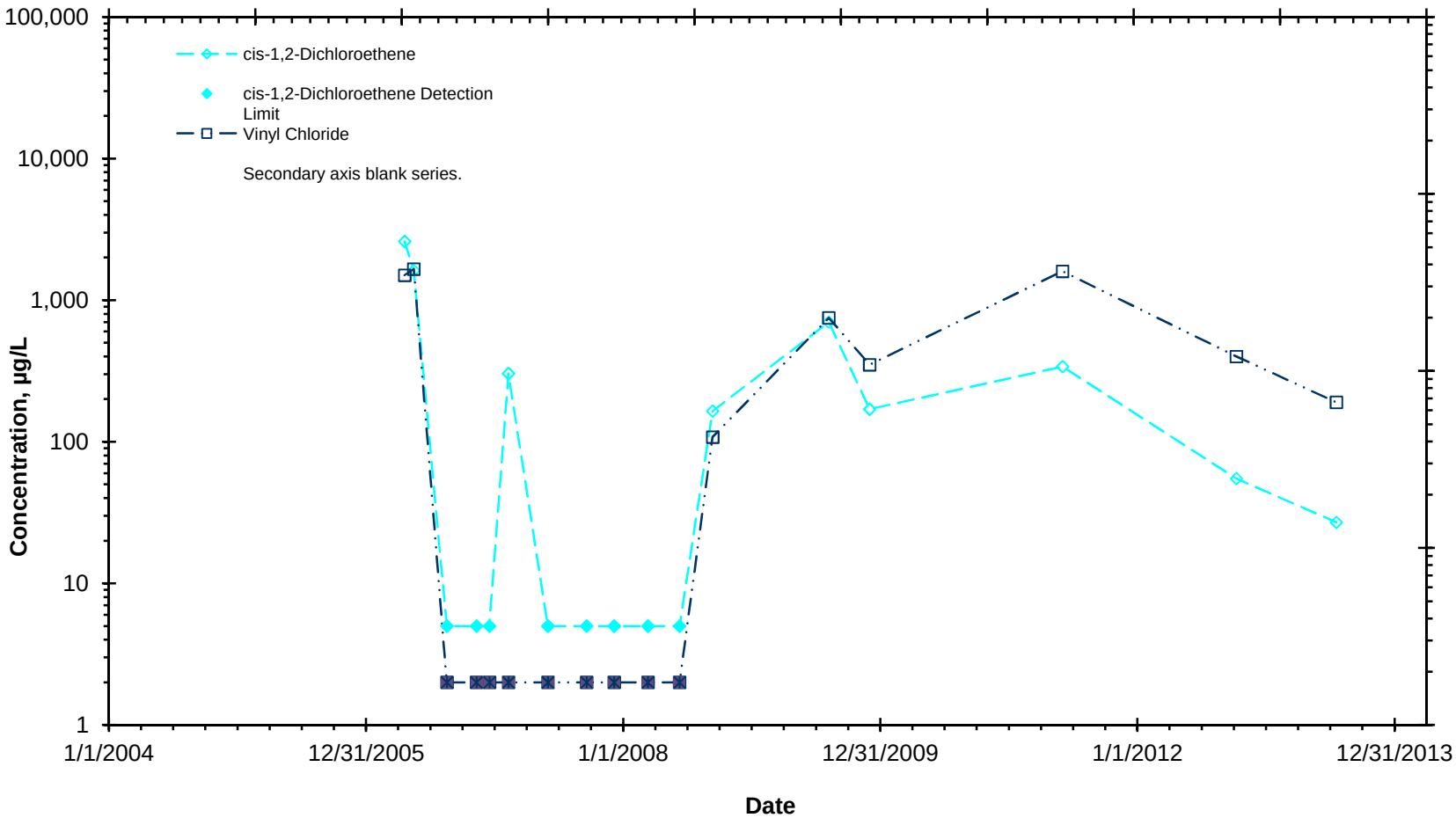
cis-1,2-DCE and Vinyl Chloride Concentrations vs Time, MW-109



PCE and TCE Concentrations vs Time, MW-205



cis-1,2-DCE and Vinyl Chloride Concentrations vs Time, MW-403



ATTACHMENT J

EPD Meeting Summary—August 6, 2013

Georgia Department of Natural Resources
Environmental Protection Division-Land Protection Branch
2 Martin Luther King Jr., Dr., Suite 1154, Atlanta, Georgia 30334
(404) 656-7802; Fax (404) 651-9425
Judson H. Turner, Director

MEMORANDUM

TO: File HSI #10704
THRU: David Reuland, Unit Coordinator
Response and Remediation Program

FROM: Carolyn L. Daniels, P.G., Geologist
Response and Remediation Program

DATE: September 6, 2013

RE: Summary of Meeting Discussions
August 6, 2013; 10:20 am – 11:30 am
ARAMARK Uniform Services (ARAMARK) Property
670 DeKalb Ave, Atlanta, Fulton County, GA, HSI Site #10704/VRP Site 1286282662

Ms. Janet Hart of Atlanta Environmental Management, Inc. (AEM), environmental consultant for Aramark Uniform Services (ARAMARK), requested a meeting with between representatives of ARAMARK, AEM, and EPD personnel to discuss remedial progress achieved to date and the pathway forward within the Georgia Voluntary Remediation Program (VRP).

Meeting Summary:

The requested meeting was convened at 10:20 am on August 6, 2013. Attendees are listed below and on the attached attendance sign in sheet:

Name	Representing
Doug Helmstetler, Senior Director of Environmental Compliance and Sustainability	ARAMARK
Amy Magee, Legal, Counsel for ARAMARK	King & Spalding
Janet T. Hart, President	Atlanta Environmental Management, Inc. (AEM)
Leona Miles	AEM
Becky Armbruster, Principal	The Wetlands Company
Carolyn L. Daniels, P.G., Geologist	GA EPD, Response and Remediation Program
David Reuland, Unit Coordinator	GA EPD, Response and Remediation Program

Mr. Helmstetler and AEM personnel provided a brief historical overview of environmental investigation and corrective action progress to date at the subject site since it was accepted into the VRP.

Mr. Helmstetler stated that there is a party that has expressed interest in potentially purchasing the 690 DeKalb Avenue parcel of the site. He asked if it would be possible to delist that portion of the site separately from the 670 DeKalb Avenue property. Ms. Miles indicated that contamination does not exceed the Type 1 Risk Reduction Standards (RRS)/VRP delineation standards, with the possible exception of soil sample collected from the zone of fluctuation within the water table. In addition, contamination in groundwater was limited to the detection of one substance, vinyl chloride, during recent monitoring events in one monitoring well near the northwestern property corner. Pursuant to §12-8-107(g)(2) of the Georgia Voluntary Remediation Act, ARAMARK will not be required to cleanup or certify compliance with RRS for groundwater contamination at the site, only delineate the contaminant plume at the site. Mr. Reuland and Ms. Daniels stated that ARAMARK may request delisting of the 690 DeKalb Avenue parcel by submitting a Compliance Status Report (CSR) consistent with the provisions, purposes, stands and policies of the VRP and certifying the referenced property parcel with

applicable cleanup standards. Outstanding groundwater contaminant delineation requirements, if any, may be addressed by investigations and/or cleanup actions conducted for the 670 DeKalb Avenue property that would remain in the VRP.

Ms. Miles indicated that groundwater contaminant concentrations are continuing on a downward trend through time at the 670 DeKalb Avenue property. It appears that Atlanta Beltline, Inc. (ABI) will likely purchase said property to add to the Atlanta Beltway walking pathway currently under development. A light rail system tunnel is planned to be constructed underneath the property as part of the development. According to Mr. Helmstetler, ABI has or is in the process of excavating contaminated soil on the adjacent property pursuant to their Prospective Purchaser Corrective Action Plan approved by the EPD Brownfields Unit. Non-residential RRS are used as the cleanup standards for soil remedial actions conducted on the ABI property. The City of Atlanta is also conducting construction related to underground utilities, etc. near Gunby Street adjacent to the referenced site property. Several of the onsite monitoring wells may have been damaged by heavy equipment encroaching on the ARAMARK property. Mr. Helmstetler stated that contamination delineations efforts by ARAMARK have been hindered since ARAMARK has been unable to acquire all analytical results for excavation confirmation samples acquired by ABI and has had difficulty acquiring access to downgradient properties for groundwater contamination delineation efforts and wanted to know if EPD could assist them in obtaining access to the information and/or properties. Mr. Reuland and Ms. Daniels stated that all efforts to obtain the referenced data and/or property access should be documented and all available data summarized on figures and tables in the scheduled VRP progress reports for EPD review. EPD will then determine if additional actions will be necessary regarding delineation efforts.

The meeting was adjourned at approximately 11:30 am.

Action Items:

ARAMARK will continue to submit semi-annual progress reports in accordance with the approved VRP milestone schedule. ARAMARK should also forewarn EPD personnel at least two weeks prior to submittal of a CSR/ HIS delisting request for the 690 DeKalb Avenue parcel if expedited review is necessary as part of an anticipated property transaction.

Attachment: Meeting Sign-In Log

File: HSI #10704
S:\RDRIVE\DANIELSC\SITES\HSRA\#10704 (DeKalb Avenue- Aramark)\VRP\Fiscal 2014\Meeting Summary 08_06_2013.doc

former Aramark Facility VRP Site
HSI Site #10704
August 6, 2014

Name	Company/Agency	Telephone Number	Fax Number	Email Address
C.L. Daniels	EPD, Response and Remediation Program	(404) 657-8600	(404) 657-0807	carolyn.daniels@gaepd.org
David Renland	EPD, Response and Remediation Program	(404) 657-8600	(404) 657-0807	David. Renland ~~larry.kloet~~@gaepd.org
JANET HART	AEM	404-520-1060	404-329-2057	JANET-HART@AEM-NET.COM
Becky Armbruster	The Wetlands Co.	317-581-0668	317-581-0290	becky@twcinc.net
Amy Magee	King + Spalding	4-572-3357	4-572-5136	amagee@kslaw.com
Leona Miles	AEM	4-329-9006	4-329-2057	leona-miles@aem-net.com
Doug Helmstetter	ARAMARK	818-973-3772	N/A	doug.helmstetter@uniform.aramark.com

ATTACHMENT K

Excerpt from *First Semiannual Progress Report* (MACTEC Beltline Sampling)

amec

December 21, 2011

Mr. Lee Harrop
Atlanta BeltLine Inc.
86 Pryor Street, SW
Atlanta, GA 30303

Subject: **Remediation Update for AOC-ET-1 and AOC-ET-2**
Eastside Trail Project
Atlanta BeltLine
AMEC Project: 6121-10-0296

Dear Mr. Harrop:

At your request, AMEC has prepared the attached summaries of assessment and remediation activities at the subject Areas of Concern (AOCs) on the Eastside Trail. The attached documentation will ultimately be incorporated as sections of the Compliance Status Report (CSR) required for submittal to EPD.

If you have any questions regarding this report, please do not hesitate to contact us.

Sincerely,

AMEC E&I, Inc.

Tyler Boyles
Project Geologist

For Charles T. Ferry
with permission TL
Charles T. Ferry, P.E.
Senior Principal Engineer

Remediation area AOC-ET-1

AOC-ET-1 was remediated to address soil impacted with arsenic. Refer to Figure B.8-1.

AOC-ET-1 is located on the BeltLine corridor just north of the intersection of Airline Street and DeKalb Avenue and just south of the Edgewood Avenue bridge overpass. According to the 2004 assessment findings, the Atlanta Metal and Battery facility (now vacant) was identified as a parcel of concern located on the adjoining property to the west/northwest. Research indicates that the facility has been used for battery storage, scrap metal processing and wire reclamation since at least the early 1970s. Reportedly a number of metals and oils were identified during a limited soil assessment conducted in the late 1980s. Based on the results of this limited soil assessment, the Atlanta Metal and Battery property was listed on the CERCLIS list in the late 1990s based on the presence of elevated metals in the soil at the site.

As part of Eastside Trail preconstruction activities, six soil borings were advanced along the corridor to further evaluate the adjacent Atlanta Metal and Battery facility. Soil samples were generally collected immediately below the ground surface and then at four-foot intervals thereafter. The collected soil samples were screened in the field for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID). A total of nine soil samples from the six soil borings were selected for laboratory testing. The selected soil samples were tested for VOCs, SVOCs, metals and/or pesticides.

No VOCs or SVOCs were detected in the soil samples tested. Pesticide constituents exceeding the laboratory reporting limit were detected in one soil sample, but at concentrations well below the applicable cleanup levels. Metals were detected in each of the soil samples tested. With the exception of arsenic in two areas, the metals were detected at concentrations below the applicable cleanup level. Arsenic was identified in soil borings MW-90+99 and GP-89+47 at concentrations above the applicable cleanup levels.

In accordance with Amendment #2 to the Approved Brownfield CAP, known isolated areas of elevated arsenic are to be excavated and disposed to an elevation at least 12 inches below the final soil surface grade to the extent practical. Additional confirmation samples were collected from the two isolated areas.

An excavation centered on boring GP-89+47 was extended to a depth of approximately 4 feet. The lateral dimensions of the excavation extended to the western property boundary and to GP-89+47A to the east in a semi-circular pattern.

Due to the presence of underground fiber optic lines in close proximity to MW-90+99, limited soil excavation was implemented in accordance with the Type 5 RRS remedial approach. The excavation extended to a depth of approximately 2 feet and then laterally in an oval pattern.

A total of approximately 37 tons of impacted soil was excavated from these two isolated areas and transported for offsite disposal. The excavated soil was direct loaded into tandem dump trucks and manifested for delivery to Pine Bluff Landfill in Ball Ground, Georgia.

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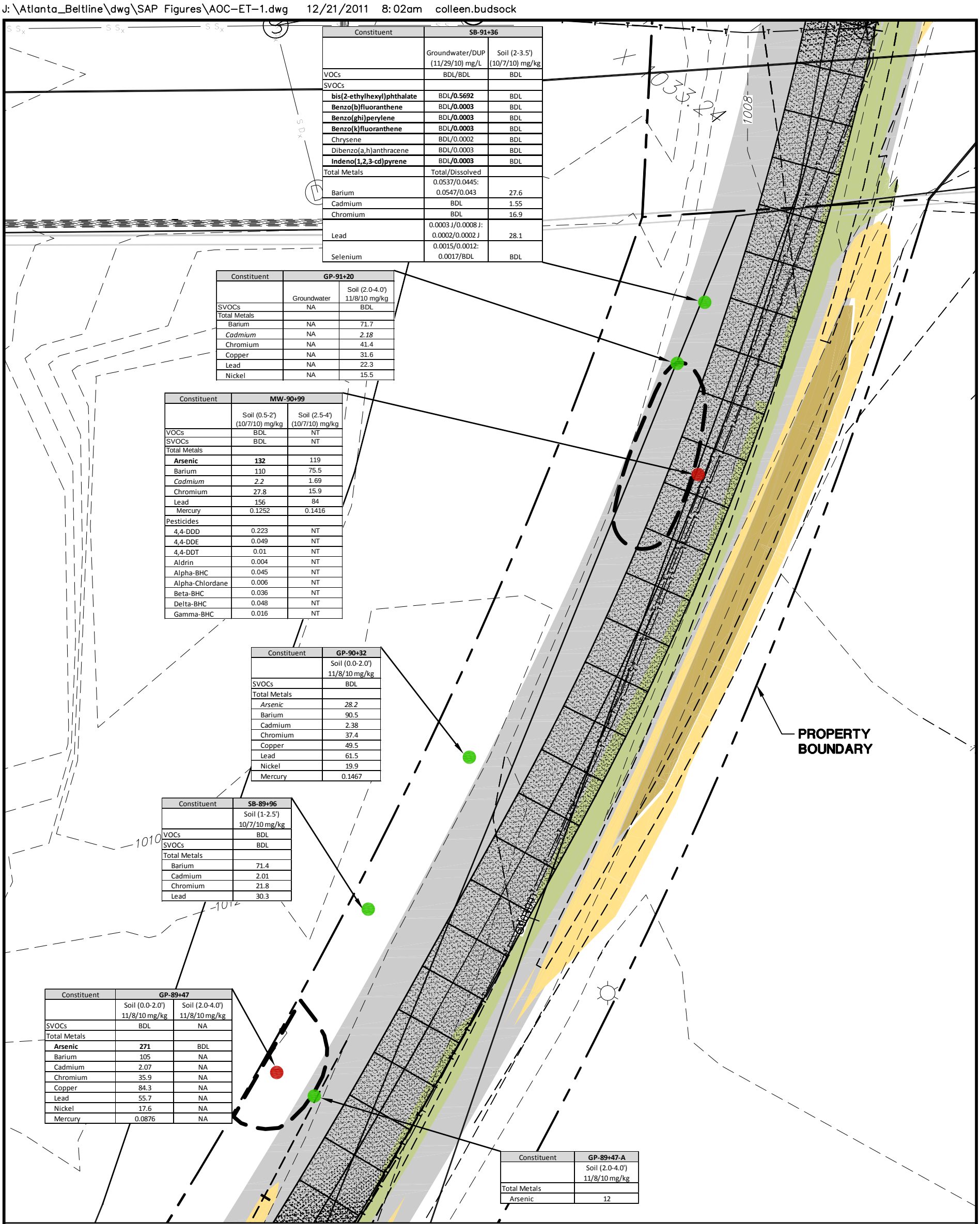

Constituent	SB-91+36	
	Groundwater/DUP (11/29/10) mg/L	Soil (2-3.5') (10/7/10) mg/kg
VOCs	BDL/BDL	BDL
SVOCs		
bis(2-ethylhexyl)phthalate	BDL/**0.5692**	BDL
Benzo(b)fluoranthene	BDL/**0.0003**	BDL
Benzo(ghi)perylene	BDL/**0.0003**	BDL
Benzo(k)fluoranthene	BDL/**0.0003**	BDL
Chrysene	BDL/0.0002	BDL
Dibenzo(a,h)anthracene	BDL/0.0003	BDL
Indeno(1,2,3-cd)pyrene	BDL/**0.0003**	BDL
Total Metals	Total/Dissolved	
Barium	0.0537/0.0445: 0.0547/0.043	27.6
Cadmium	BDL	1.55
Chromium	BDL	16.9
Lead	0.0003 J/0.0008 J: 0.0002/0.0002 J	28.1
Selenium	0.0015/0.0012: 0.0017/BDL	BDL

Constituent	GP-91+20	
	Groundwater	Soil (2.0-4.0') 11/8/10 mg/kg
SVOCs	NA	BDL
Total Metals		
Barium	NA	71.7
Cadmium	NA	*2.18*
Chromium	NA	41.4
Copper	NA	31.6
Lead	NA	22.3
Nickel	NA	15.5

Constituent	MW-90+99	
	Soil (0.5-2') (10/7/10) mg/kg	Soil (2.5-4') (10/7/10) mg/kg
VOCs	BDL	NT
SVOCs	BDL	NT
Total Metals		
Arsenic	**132**	119
Barium	110	75.5
Cadmium	*2.2*	1.69
Chromium	27.8	15.9
Lead	156	84
Mercury	0.1252	0.1416
Pesticides		
4,4-DDD	0.223	NT
4,4-DDE	0.049	NT
4,4-DDT	0.01	NT
Aldrin	0.004	NT
Alpha-BHC	0.045	NT
Alpha-Chlordane	0.006	NT
Beta-BHC	0.036	NT
Delta-BHC	0.048	NT
Gamma-BHC	0.016	NT

Constituent	GP-90+32
	Soil (0.0-2.0') 11/8/10 mg/kg
SVOCs	BDL
Total Metals	
Arsenic	*28.2*
Barium	90.5
Cadmium	2.38
Chromium	37.4
Copper	49.5
Lead	61.5
Nickel	19.9
Mercury	0.1467

Constituent	SB-89+96
	Soil (1-2.5') 10/7/10 mg/kg
VOCs	BDL
SVOCs	BDL
Total Metals	
Barium	71.4
Cadmium	2.01
Chromium	21.8
Lead	30.3

Constituent	GP-89+47	
	Soil (0.0-2.0') 11/8/10 mg/kg	Soil (2.0-4.0') 11/8/10 mg/kg
SVOCs	BDL	NA
Total Metals		
Arsenic	**271**	BDL
Barium	105	NA
Cadmium	2.07	NA
Chromium	35.9	NA
Copper	84.3	NA
Lead	55.7	NA
Nickel	17.6	NA
Mercury	0.0876	NA

Constituent	GP-89+47-A
	Soil (2.0-4.0') 11/8/10 mg/kg
Total Metals	
Arsenic	12

LEGEND

- CONTOUR LINE
- STORMWATER
- OVERHEAD POWER
- GAS
- FIBEROPTICS
- WATER
- UNDERGROUND POWER
- SANITARY SEWER
- PROPERTY BOUNDARY
- PROPOSED CONCRETE RAIL
- PROPOSED TRAIL
- PROPOSED PAVING
- TAX PARCELS
- SURFACE WATER
- SAMPLE LOCATIONS – PASSED
- SAMPLE LOCATIONS – FAILED
- LIMITS OF EXCAVATION
- 2' OF CUT OR GREATER
- 1' OF CUT
- 1' OF FILL OR GREATER

0 20' 40'

SCALE:1"=20'

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SAMPLING AND ANALYSIS PLAN
NORTHEAST CORRIDOR

AOC-ET-1

JOB NO. 6121-09-0448 FIGURE B.8-1

PREPARED BY/DATE _____ CHECKED BY/DATE _____

Remediation area AOC-ET-2

AOC-ET-2 was remediated to address soil impacted with chlorinate volatile organic compounds (CVOCs). Refer to Figure B.8-2.

AOC-ET-2 is comprised of a drainage ditch along the eastern side of the BeltLine corridor which extends to the south and north of the Edgewood Avenue bridge overpass. The adjacent property to the east is currently vacant, but was previously occupied by a commercial uniform dry cleaning business from 1958 to 1995 under the names Aratex and Aramark. Dry cleaning was performed using both petroleum and chlorinated solvents until 1989. Numerous assessments performed on the former Aramark property beginning in 1994 have identified impacts to soil and groundwater primarily consisting of chlorinated solvents. The site was listed on the Hazardous Site Inventory in 2001. Groundwater was remediated through in-situ chemical oxidation injections using sodium permanganate in 2005, 2006 and 2007. An additional groundwater remediation event was performed by Aramark in late 2010, the results of which have not been published. To date, the former Aramark site remains on the HSI.

Soil samples were obtained from the bottom of the drainage ditch at intervals along the entire length of the ditch from Airline Street to north of Edgewood Avenue. The ditch drains from the south to north toward a drop inlet which then pipes drainage to the west under the BeltLine corridor north of Edgewood Avenue. PCE and TCE impacts to shallow soils exceeding the Type 3 and Type 4 SRRS were identified around the drop inlet at HA-93+54 and along the northwest corner of the former Aramark property where their drainage entered the ditch between Ha-90+89 and HA-92+12. Testing confirmed that only the northern portion of the ditch was impacted, which is consistent with the portion of the ditch that would have received the runoff impacted with CVOCs from the former Aramark facility. Testing also confirmed that soils west of the ditch were not impacted by CVOCs.

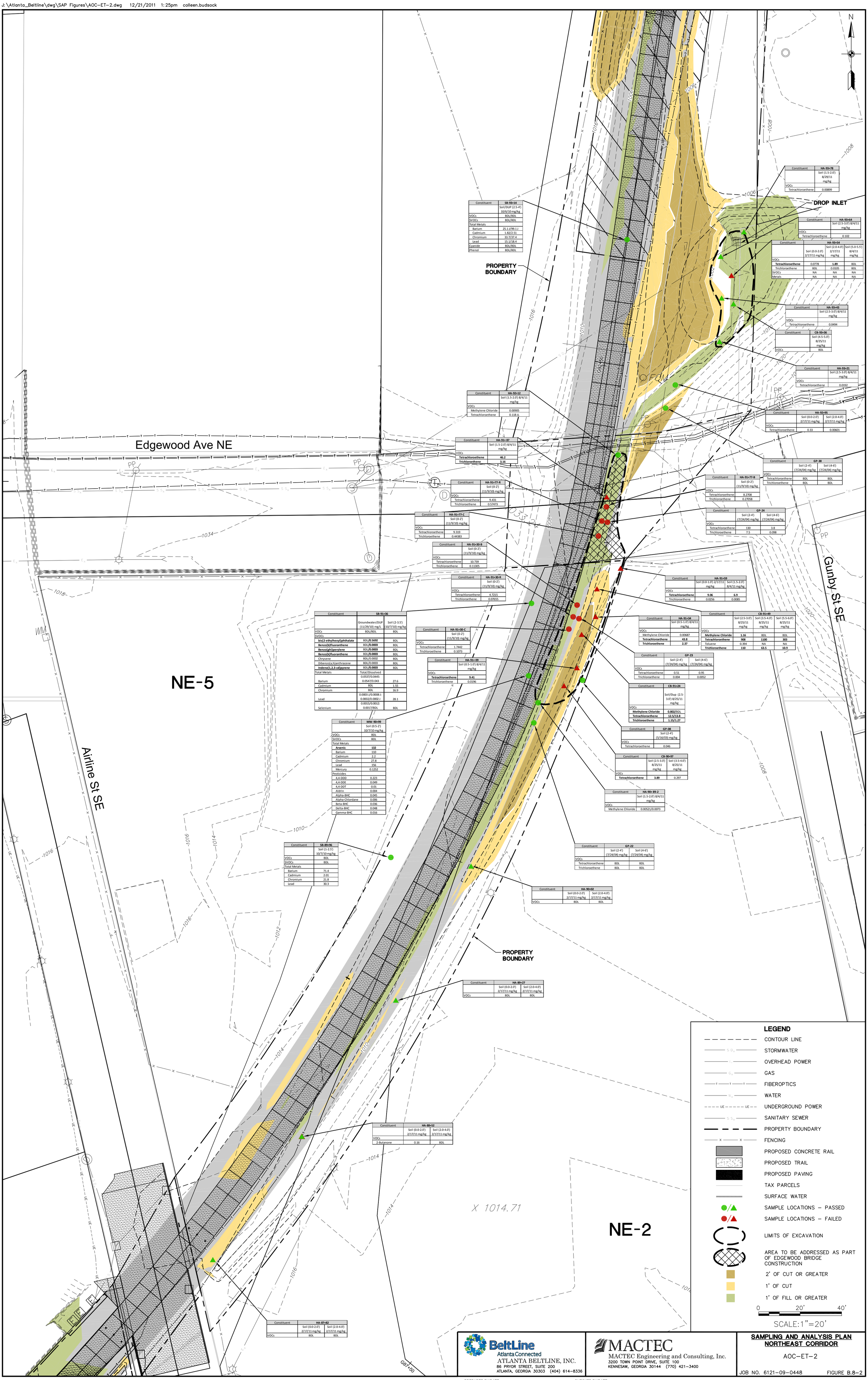
Based on the extensive soil testing at AOC-ET-2, the excavation limits of the CVOC-impacted soils were delineated horizontally to within and just east of the ditch and vertically to the water table present at a depth of 6 feet. However, the excavation was truncated at the southern edge of the Edgewood Avenue bridge abutment due to the presence of buried underground utilities located in the drainage ditch. The impacted soil identified under the bridge will be addressed as part of the Edgewood Bridge construction in the future.

The excavation of impacted soil extended to the water table within the drainage ditch south of the Edgewood Bridge. The lateral dimensions of the excavation extended to the western side of the ditch

which is within 5 feet of buried fiber optic lines present along the corridor and to the eastern property boundary.

The excavation near the drop inlet north of the Edgewood Bridge was extended to a depth of 5 feet. The lateral dimensions of this isolated excavation were defined to the north, south and west based on pre-excavation confirmation testing. The excavation extended to the eastern property boundary and generally followed the contour of the drainage area in a circular pattern.

A total of approximately 1,132 tons of impacted soil was excavated and transported for offsite disposal. The excavated soil was direct loaded into tandem dump trucks and manifested for delivery to Pine Bluff Landfill in Ball Ground, Georgia.



Constituent	SB-93+14
	Soil/DUP (2.5-4') 10/6/10 mg/kg
VOCs	BDL/BDL
SVOCs	BDL/BDL
Total Metals	
Barium	25.1 J/99.1 J
Cadmium	1.82/2.51
Chromium	33.7/37.4
Lead	15.1/18.4
Cyanide	BDL/BDL
Phenol	BDL/BDL

Constituent	HA-93+78
	Soil (1.5-2.0') 8/29/11 mg/kg
VOCs	
Tetrachloroethene	0.00899

Constituent	HA-93+64
	Soil (2.5-3.0') 8/4/11 mg/kg
VOCs	
Tetrachloroethene	0.102

Constituent	HA-93+54		
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg	Soil (5.0-5.5') 8/4/11 mg/kg
VOCs			
Tetrachloroethene	0.0778	**1.89**	BDL
Trichloroethene	BDL	0.0105	BDL
SVOCs	NA	NA	NA
Metals	NA	NA	NA

Constituent	HA-93+43
	Soil (2.5-3.0') 8/4/11 mg/kg
VOCs	
Tetrachloroethene	0.0494

Constituent	CB-93+36
	Soil (4.5-5.0') 8/25/11 mg/kg
VOCs	BDL

Constituent	HA-93+21
	Soil (2.5-3.0') 8/4/11 mg/kg
VOCs	
Tetrachloroethene	0.0192

Constituent	HA-92+12
	Soil (1.5-2.0') 8/4/11 mg/kg
VOCs	
Methylene Chloride	0.00905
Tetrachloroethene	0.118 JL

Constituent	HA-92+95	
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg
VOCs		
Tetrachloroethene	0.33	0.00601

Constituent	HA-91+ 87
	Soil (1.5-2.0') 8/4/11 mg/kg
VOCs	
Tetrachloroethene	**46.2**
Trichloroethene	**3.16**

Constituent	GP-38	
	Soil (2-4') (7/24/04) mg/kg	Soil (4-6') (7/24/04) mg/kg
VOCs		
Tetrachloroethene	BDL	BDL
Trichloroethene	BDL	BDL

Constituent	HA-91+77-R
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	9.431
Trichloroethene	0.57473

Constituent	HA-91+77-B
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	8.2708
Trichloroethene	0.27058

Constituent	HA-91+77-C
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	9.319
Trichloroethene	0.44383

Constituent	GP-24	
	Soil (2-4') (7/24/04) mg/kg	Soil (4-6') (7/24/04) mg/kg
VOCs		
Tetrachloroethene	130	3.8
Trichloroethene	7.5	0.098

Constituent	HA-91+30-B
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	10.739
Trichloroethene	0.11305

Constituent	HA-91+30-R
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	4.7215
Trichloroethene	0.07655

Constituent	HA-91+59	
	Soil (0.0-1.0') 2/17/11 mg/kg	Soil (1.5-2.0') 8/4/11 mg/kg
VOCs		
Tetrachloroethene	**9.06**	**6.9**
Trichloroethene	0.0256	0.0085

Constituent	SB-91+36	
	Groundwater/DUP (11/29/10) mg/L	Soil (2-3.5') (10/7/10) mg/kg
VOCs	BDL/BDL	BDL
SVOCs		
bis(2-ethylhexyl)phthalate	BDL/**0.5692**	BDL
Benzo(b)fluoranthene	BDL/**0.0003**	BDL
Benzo(ghi)perylene	BDL/**0.0003**	BDL
Benzo(k)fluoranthene	BDL/**0.0003**	BDL
Chrysene	BDL/0.0002	BDL
Dibenzo(a,h)anthracene	BDL/0.0003	BDL
Indeno(1,2,3-cd)pyrene	BDL/**0.0003**	BDL
Total Metals	Total/Dissolved	
Barium	0.0537/0.0445: 0.0547/0.043	27.6
Cadmium	BDL	1.55
Chromium	BDL	16.9
Lead	0.0003 J/0.0008 J: 0.0002/0.0002 J	28.1
Selenium	0.0015/0.0012: 0.0017/BDL	BDL

Constituent	HA-91+30-C
	Soil (0-2') (11/9/10) mg/kg
VOCs	
Tetrachloroethene	1.7442
Trichloroethene	0.1073

Constituent	HA-91+34
	Soil (0.5-1.0') 8/4/11 mg/kg
VOCs	
Methylene Chloride	0.00687
Tetrachloroethene	**43.8**
Trichloroethene	**2.37**

Constituent	CB-91+49		
	Soil (2.5-3.0') 8/25/11 mg/kg	Soil (3.5-4.0') 8/25/11 mg/kg	Soil (5.5-6.0') 8/25/11 mg/kg
VOCs			
Methylene Chloride	**1.16**	BDL	BDL
Tetrachloroethene	**908**	**1100**	**303**
Toluene	0.394	NA	NA
Trichloroethene	**110**	**63.5**	**10.9**

Constituent	HA-91+ 09
	Soil (0.5-1.0') 8/4/11 mg/kg
VOCs	
Tetrachloroethene	**9.41**
Trichloroethene	0.0196

Constituent	GP-23	
	Soil (2-4') (7/24/04) mg/kg	Soil (4-6') (7/24/04) mg/kg
VOCs		
Tetrachloroethene	0.51	0.95
Trichloroethene	0.004	0.0052

Constituent	CB-91+24
	Soil/Dup (2.5-3.0') 8/25/11 mg/kg
VOCs	
Methylene Chloride	**0.802**/BDL
Tetrachloroethene	**12.5/13.8**
Trichloroethene	**1.15/1.27**

Constituent	MW-90+99
	Soil (0.5-2') 10/7/10 mg/kg
VOCs	BDL
SVOCs	BDL
Total Metals	
Arsenic	**132**
Barium	110
Cadmium	2.2
Chromium	27.8
Lead	156
Mercury	0.1252
Pesticides	
4,4-DDD	0.223
4,4-DDE	0.049
4,4-DDT	0.01
Aldrin	0.004
Alpha-BHC	0.045
Alpha-Chlordane	0.006
Beta-BHC	0.036
Delta-BHC	0.048
Gamma-BHC	0.016

Constituent	GP-08
	Soil (2-4') (5/16/03) mg/kg
VOCs	
Tetrachloroethene	0.046

Constituent	CB-90+97	
	Soil (2.5-3.0') 8/25/11 mg/kg	Soil (3.5-4.0') 8/25/11 mg/kg
VOCs		
Tetrachloroethene	**3.89**	0.297

Constituent	HA-90+ 89-2
	Soil (1.5-2.0') 8/4/11 mg/kg
VOCs	
Methylene Chloride	0.00521/0.0073

Constituent	SB-89+96
	Soil (1-2.5') 10/7/10 mg/kg
VOCs	BDL
SVOCs	BDL
Total Metals	
Barium	71.4
Cadmium	2.01
Chromium	21.8
Lead	30.3

Constituent	GP-22	
	Soil (2-4') (7/24/04) mg/kg	Soil (4-6') (7/24/04) mg/kg
VOCs		
Tetrachloroethene	BDL	BDL
Trichloroethene	BDL	BDL

Constituent	HA-90+02	
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg
VOCs	BDL	BDL

Constituent	HA-89+27	
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg
VOCs	BDL	BDL

Constituent	HA-88+52	
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg
VOCs		
2-Butanone	0.16	BDL

Constituent	HA-87+82	
	Soil (0.0-2.0') 2/17/11 mg/kg	Soil (2.0-4.0') 2/17/11 mg/kg
VOCs	BDL	BDL

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SAMPLING AND ANALYSIS PLAN
NORTHEAST CORRIDOR

AOC-ET-2

JOB NO. 6121-09-0448 FIGURE B.8-2

PREPARED BY/DATE _____ CHECKED BY/DATE _____

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		HA-87+82 2/17/2011		**HA-88+52** 2/17/2011		**HA-89+27** 2/17/2011		**HA-90+02** 2/17/2011	
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	0-2'	2-4'	0-2'	2-4'	0-2'	2-4'	0-2'	2-4'
Tetrachloroethene	500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aromatic Hydrocarbons									
Toluene	100,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs									
2-Butanone	200,000	BDL	BDL	**160**	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		SB-89+96	**HA-90+89-2**	**HA-90+89-2-DUP**	**CB-90+97**		**CB-91+24**
		10/7/2010	8/4/2011	8/4/2011	8/25/2011		8/25/2011
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	1-2.5'	1.5-2'	1.5-2'	2.5-3'	3.5-4'	2.5-3'
Tetrachloroethene	500	BDL	BDL	BDL	**3,890**	**297**	**12,500**
Trichloroethene	500	BDL	BDL	BDL	BDL	BDL	**1,150**
Aromatic Hydrocarbons							
Toluene	100,000	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs							
2-Butanone	200,000	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	BDL	**5.21**	**7.3**	BDL	BDL	**802**

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		CB-91+24-DUP	HA-91+09	MW-90+99	HA-91+30-C	HA-91+30-R	HA-91+30-B
		8/25/2011	8/4/2011	8/4/2011	11/9/2010	11/9/2010	11/9/2010
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	2.5-3'	0.5-1'	0.5-2'	0-2'	0-2'	0-2'
Tetrachloroethene	500	**13,800**	**9,410**	BDL	**1,744**	**4,721**	**10,739**
Trichloroethene	500	**1,270**	**19.6**	BDL	**107**	**76.5**	**113**
Aromatic Hydrocarbons							
Toluene	100,000	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs							
2-Butanone	200,000	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	BDL	BDL	BDL	BDL	BDL	BDL

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		HA-91+34	CB-91+49			HA-91+59		HA-91+77-C
		8/4/2011	8/25/2011			8/4/2011		11/9/2010
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	0.5-1'	2.5-3'	3.5-4'	5.5-6'	0-1'	1.5-2'	0-2'
Tetrachloroethene	500	**43,800**	**908,000**	**1,100,000**	**303,000**	**9,060**	**6,900**	**9,319**
Trichloroethene	500	**2,370**	**110,000**	**63,500**	**10,900**	**25.6**	8.5	**444**
Aromatic Hydrocarbons								
Toluene	100,000	BDL	**394**	NA	NA	BDL	BDL	BDL
Other VOCs								
2-Butanone	200,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	**6.87**	**1,160**	BDL	BDL	BDL	BDL	BDL

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		HA-91+77-R	**HA-91+77-B**	**HA-91+87**	**HA-92+12**	**HA-92+95**		**HA-93+21**
		11/9/2010	11/9/2010	8/4/2011	8/4/2011	8/4/2011		8/4/2011
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	0-2'	0-2'	1.5-2'	1.5-2'	0-2'	2-4'	2.5-3'
Tetrachloroethene	500	**9,431**	**8,271**	**46,200**	**118**	**330**	**6.01**	**19.2**
Trichloroethene	500	**575**	**271**	**3,160**	BDL	BDL	BDL	BDL
Aromatic Hydrocarbons								
Toluene	100,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs								
2-Butanone	200,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	BDL	BDL	BDL	**9.05**	BDL	BDL	BDL

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

Table C-1. Summary of VOCs of Soil Borings Collected by MACTEC along the Beltline.
ARAMARK VRP/HSI Site No. 10704
Atlanta, Georgia

		CB-93+36	**HA-93+43**	**HA-93+54**			**HA-93+64**	**HA-93+78**
		8/25/2011	8/4/2011	2/17/2011			8/4/2011	8/29/2011
Chlorinated VOCs (µg/Kg)	**Type I RRS (µg/kg)**	4.5-5'	2.5-3'	0-2'	2-4'	5-5.5'	2.5-3'	1.5-2'
Tetrachloroethene	500	BDL	**49.4**	**77.8**	**1,890**	BDL	**102**	**8.99**
Trichloroethene	500	BDL	BDL	BDL	**10.5**	BDL	BDL	BDL
Aromatic Hydrocarbons								
Toluene	100,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs								
2-Butanone	200,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	500	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Notes:
VOCs-Volatile Organic Compounds
µg/Kg- micrograms per kilogram
RRS-Risk Reduction Standards

0-2'-sample collected between 0 and 2 feet below land surface
BDL-Below laboroatory detection limit
NA-Not analyzed
Exceeds Type I RRS

Soil Sample Excavated by MACTEC as part of Beltline Redvelopment

ATTACHMENT L

ARAMARK Sampling and Excavation on City of Atlanta

Table L- 1. Summary of Volatile Organic Compounds Detected in Soil--City of Atlanta Parcel, North of 670 DeKalb Avenue.
ARAMARK VRP/HSI No. 10704
Atlanta, Georgia

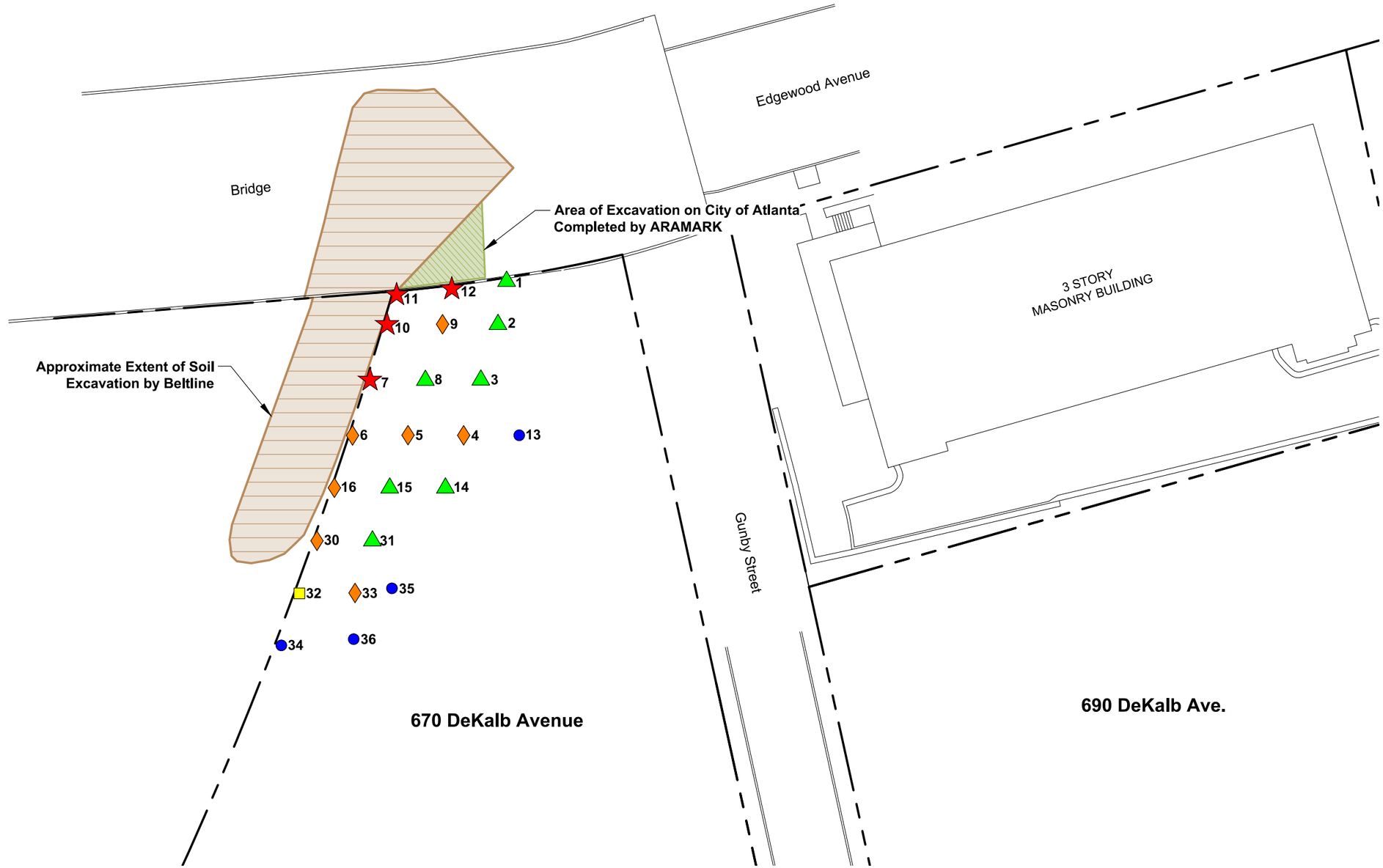
		SB-17		SB-18		SB-19		SB-20		SB-21	
		2'	8'	2'	8'	2'	9'	2'	8'	2'	8'
		4/15/2013		4/15/2013		4/15/2013		4/15/2013		4/15/2013	
Chlorinated VOCs	**Type I RRS (µg/kg)**										
Tetrachloroethene	500	NA	NA	NA	NA	<5.78	**33**	NA	NA	NA	NA
1,1,1-Trichloroethane	20,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Trichloroethene	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,2-Dichloroethane	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,1-Dichloroethane	400,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Chloroethane	170	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
cis-1,2-Dichloroethene	7,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
trans-1,2-Dichloroethene	10,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Vinyl Chloride	200	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Petroleum Hydrocarbons											
Benzene	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Ethylbenzene	70,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Toluene	100,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Chlorobenzene	10,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Cyclohexane	200,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Naphthalene	100,000	NA	NA	NA	NA	**9.71**	<5.02	NA	NA	NA	NA
m,p-xylenes	1,000,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
o-xylenes	1,000,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Total xylenes	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Other VOCs											
2-Butanone	200,000	NA	NA	NA	NA	<57.8	<50.2	NA	NA	NA	NA
Acetone	400,000	NA	NA	NA	NA	<57.8	<50.2	NA	NA	NA	NA
Bromomethane	800	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Carbon Disulfide	400,000	NA	NA	NA	NA	<46.2	<40.2	NA	NA	NA	NA
Methylene Chloride	500	NA	NA	NA	NA	<23.1	<20.1	NA	NA	NA	NA

Notes
VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2'- sample collected from 2 feet below land surface
NR-Not regulated
NA-not analyzed
Bold- Analyte was detected in the sample
Bold- Exceeds Type 1 RRS
Soil Sample Locations Excavated by MACTEC on 4/24/13

Table L- 1. Summary of Volatile Organic Compounds Detected in Soil--City of Atlanta Parcel, North of 670 DeKalb Avenue.
ARAMARK VRP/HSI No. 10704
Atlanta, Georgia

		SB-22		SB-23	SB-24	SB-25	SB-26	SB-27	SB-28	SB-29
		2'	9'	10'	6'	9'	10'	9'	8'	6'
		4/15/2013		4/22/2013	4/22/2013	4/22/2013	4/24/2013	4/24/2013	4/24/2013	4/24/2013
Chlorinated VOCs	**Type I RRS (µg/kg)**									
Tetrachloroethene	500	**33.6**	**1,810**	**272**	**14.6**	**60.8**	**192,000**	**117,000**	**281,000**	**496,000**
1,1,1-Trichloroethane	20,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Trichloroethene	500	<5.79	**32.9**	<11.5	<5.27	<9.39	**1,350**	**5,560**	**9,300**	**21,600**
1,1-Dichloroethene	700	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
1,2-Dichloroethane	500	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
1,1-Dichloroethane	400,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Chloroethane	170	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
cis-1,2-Dichloroethene	7,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**639**	**2,180**	**3,270**
trans-1,2-Dichloroethene	10,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Vinyl Chloride	200	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Petroleum Hydrocarbons										
Benzene	500	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**670**	<469	<438
Ethylbenzene	70,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Toluene	100,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**2,210**	<469	<438
Chlorobenzene	10,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Cyclohexane	200,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,200**	<469	<438
Naphthalene	100,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,180**	<469	<438
m,p-xylenes	1,000,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,560**	<469	<438
o-xylenes	1,000,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**735**	<469	<438
Total xylenes	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**735**	<469	<438
Other VOCs										
2-Butanone	200,000	<57.9	<59.8	<115	<52.7	<93.9	<5,770	<6,370	<4,690	<4,380
Acetone	400,000	<57.9	<59.8	<115	<52.7	<93.9	<5,770	<6,370	<4,690	<4,380
Bromomethane	800	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Carbon Disulfide	400,000	<46.4	<47.8	<11.5	<5.27	<9.39	<4,620	<5,090	<3,760	<3,500
Methylene Chloride	500	<23.2	<23.9	<11.5	<5.27	<9.39	<2,310	<2,550	<1,880	<1,750

Notes
VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2'- sample collected from 2 feet below land surface
NR-Not regulated
NA-not analyzed
Bold- Analyte was detected in the sample
Bold- Exceeds Type 1 RRS
Soil Sample Locations
Excavated by MACTEC on
4/24/13



Legend

- ★ - >10,000 µg/Kg
- ◆ - 1,000 to 10,000 µg/Kg
- ■ - 100 to 999 µg/Kg
- ▲ - <100 µg/Kg
- ● - Not Detected

Notes:

1. **Units are micrograms per kilogram (µg/Kg)**
2. **Cleanup number is 500 µg/Kg**
3. **Beltline and City of Atlanta excavated soil only to the water table.**

AEM
Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

PROJECT #:	1133-1401	DRAWN BY:	TL
SCALE:	1"=30'	DATE:	November 20, 2013

ARAMARK - DeKalb

Extent of PCE Impacts in Soil
670 DeKalb Avenue and Beltline

Figure
L-1

G:\DWG\1133-1401 ARAMARK DeKalb\02\L1 670 DeKalb Ave Soil Samples

FLORIDA DEPARTMENT OF

HEALTH

State of Florida
Department of Health, Bureau of Laboratories

This is to certify that

E87429

XENCO LABORATORIES - ATLANTA
6017 FINANCIAL DRIVE
NORCROSS, GA 30071

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2012 Expiration Date: June 30, 2013

Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E87429-27-07/01/2012
Supersedes all previously issued certificates

Analytical Report 461876

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-2

30-APR-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

30-APR-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **461876**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 461876. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 461876 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 461876

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-26	S	04-24-13 12:50	10 ft	461876-001
SB-27	S	04-24-13 13:15	9 ft	461876-002
SB-28	S	04-24-13 13:30	8 ft	461876-003
SB-29	S	04-24-13 13:42	6 ft	461876-004
Trip Blank	W	04-24-13 00:00		Not Analyzed

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-912292 VOCs by SW-846 8260B
SW8260B_ATL

Batch 912292, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene RPD was outside laboratory control limits.
Samples affected are: 461876-001, -004, -003, -002

Hits Summary 461876

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-26**	Matrix:	**Soil**	% Moisture:	**26.82**
Lab Sample Id:	**461876-001**	Date Collected:	**04.24.13 12.50**	Basis:	**Dry Weight**
Sample Depth:	**10 ft**	Date Received:	**04.24.13 16.21**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912292 Date Prep: 04.25.13 09.45

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	192000	ug/kg	04.25.13 15.31	D	1000
Trichloroethene	79-01-6	1350	ug/kg	04.25.13 13.42		50

Hits Summary 461876

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-27**	Matrix:	**Soil**	% Moisture:	**26.18**
Lab Sample Id:	**461876-002**	Date Collected:	**04.24.13 13.15**	Basis:	**Dry Weight**
Sample Depth:	**9 ft**	Date Received:	**04.24.13 16.21**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912292 Date Prep: 04.25.13 09.45

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	670	ug/kg	04.25.13 14.08		50
cis-1,2-Dichloroethene	156-59-2	639	ug/kg	04.25.13 14.08		50
Cyclohexane	110-82-7	1200	ug/kg	04.25.13 14.08		50
m,p-Xylenes	179601-23-1	1560	ug/kg	04.25.13 14.08		50
Methylcyclohexane	108-87-2	2640	ug/kg	04.25.13 14.08		50
Naphthalene	91-20-3	1180	ug/kg	04.25.13 14.08		50
o-Xylene	95-47-6	735	ug/kg	04.25.13 14.08		50
Tetrachloroethene	127-18-4	117000	ug/kg	04.25.13 16.01	D	1000
Toluene	108-88-3	2210	ug/kg	04.25.13 14.08		50
Trichloroethene	79-01-6	5560	ug/kg	04.25.13 14.08		50

Hits Summary 461876

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-28**	Matrix:	**Soil**	% Moisture:	**25.62**
Lab Sample Id:	**461876-003**	Date Collected:	**04.24.13 13.30**	Basis:	**Dry Weight**
Sample Depth:	**8 ft**	Date Received:	**04.24.13 16.21**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912292 Date Prep: 04.25.13 09.45

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	2180	ug/kg	04.25.13 14.35		50
Tetrachloroethene	127-18-4	281000	ug/kg	04.25.13 16.31	D	5000
Trichloroethene	79-01-6	9300	ug/kg	04.25.13 14.35		50

Hits Summary 461876

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-29**	Matrix:	**Soil**	% Moisture:	**30.72**
Lab Sample Id:	**461876-004**	Date Collected:	**04.24.13 13.42**	Basis:	**Dry Weight**
Sample Depth:	**6 ft**	Date Received:	**04.24.13 16.21**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912292 Date Prep: 04.25.13 09.45

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	3270	ug/kg	04.25.13 15.02		50
Tetrachloroethene	127-18-4	496000	ug/kg	04.25.13 17.00	D	5000
Trichloroethene	79-01-6	21600	ug/kg	04.25.13 17.00	D	5000

Certificate of Analytical Results 461876

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-26** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-001** | Date Collected: 04.24.13 12.50 | **Sample Depth:** 10 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 26.82
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	577	ug/kg	04.25.13 13.42	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	577	ug/kg	04.25.13 13.42	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	577	ug/kg	04.25.13 13.42	U	50
1,1,2-Trichloroethane	79-00-5	BRL	577	ug/kg	04.25.13 13.42	U	50
1,1-Dichloroethane	75-34-3	BRL	577	ug/kg	04.25.13 13.42	U	50
1,1-Dichloroethene	75-35-4	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2-Dichlorobenzene	95-50-1	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2-Dichloroethane	107-06-2	BRL	577	ug/kg	04.25.13 13.42	U	50
1,2-Dichloropropane	78-87-5	BRL	577	ug/kg	04.25.13 13.42	U	50
1,3-Dichlorobenzene	541-73-1	BRL	577	ug/kg	04.25.13 13.42	U	50
1,4-Dichlorobenzene	106-46-7	BRL	577	ug/kg	04.25.13 13.42	U	50
2-Butanone (MEK)	78-93-3	BRL	5770	ug/kg	04.25.13 13.42	U	50
2-Hexanone	591-78-6	BRL	5770	ug/kg	04.25.13 13.42	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	5770	ug/kg	04.25.13 13.42	U	50
Acetone	67-64-1	BRL	5770	ug/kg	04.25.13 13.42	U	50
Benzene	71-43-2	BRL	577	ug/kg	04.25.13 13.42	U	50
Bromochloromethane	74-97-5	BRL	577	ug/kg	04.25.13 13.42	U	50
Bromodichloromethane	75-27-4	BRL	577	ug/kg	04.25.13 13.42	U	50
Bromoform	75-25-2	BRL	577	ug/kg	04.25.13 13.42	U	50
Bromomethane	74-83-9	BRL	577	ug/kg	04.25.13 13.42	U	50
Carbon disulfide	75-15-0	BRL	4620	ug/kg	04.25.13 13.42	U	50
Carbon tetrachloride	56-23-5	BRL	577	ug/kg	04.25.13 13.42	U	50
Chlorobenzene	108-90-7	BRL	577	ug/kg	04.25.13 13.42	U	50
Chloroethane	75-00-3	BRL	577	ug/kg	04.25.13 13.42	U	50
Chloroform	67-66-3	BRL	577	ug/kg	04.25.13 13.42	U	50
Chloromethane	74-87-3	BRL	1150	ug/kg	04.25.13 13.42	U	50
cis-1,2-Dichloroethene	156-59-2	BRL	577	ug/kg	04.25.13 13.42	U	50
cis-1,3-Dichloropropene	10061-01-5	BRL	577	ug/kg	04.25.13 13.42	U	50
Cyclohexane	110-82-7	BRL	577	ug/kg	04.25.13 13.42	U	50
Dibromochloromethane	124-48-1	BRL	577	ug/kg	04.25.13 13.42	U	50
Dichlorodifluoromethane	75-71-8	BRL	577	ug/kg	04.25.13 13.42	U	50
Ethylbenzene	100-41-4	BRL	577	ug/kg	04.25.13 13.42	U	50
Isopropylbenzene	98-82-8	BRL	577	ug/kg	04.25.13 13.42	U	50
m,p-Xylenes	179601-23-1	BRL	577	ug/kg	04.25.13 13.42	U	50
Methyl acetate	79-20-9	BRL	577	ug/kg	04.25.13 13.42	U	50
Methyl tert-butyl ether	1634-04-4	BRL	577	ug/kg	04.25.13 13.42	U	50
Methylcyclohexane	108-87-2	BRL	577	ug/kg	04.25.13 13.42	U	50

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-26** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-001** | Date Collected: 04.24.13 12.50 | **Sample Depth:** 10 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 26.82
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	2310	ug/kg	04.25.13 13.42	U	50
Naphthalene	91-20-3	BRL	577	ug/kg	04.25.13 13.42	U	50
o-Xylene	95-47-6	BRL	577	ug/kg	04.25.13 13.42	U	50
Styrene	100-42-5	BRL	577	ug/kg	04.25.13 13.42	U	50
Tetrachloroethene	127-18-4	**192000**	11500	ug/kg	04.25.13 15.31	D	1000
Toluene	108-88-3	BRL	577	ug/kg	04.25.13 13.42	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	577	ug/kg	04.25.13 13.42	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	577	ug/kg	04.25.13 13.42	U	50
Trichloroethene	79-01-6	**1350**	577	ug/kg	04.25.13 13.42		50
Trichlorofluoromethane	75-69-4	BRL	577	ug/kg	04.25.13 13.42	U	50
Vinyl chloride	75-01-4	BRL	577	ug/kg	04.25.13 13.42	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	82	%	50-150	04.25.13 13.42	
4-Bromofluorobenzene	460-00-4	117	%	57-158	04.25.13 13.42	
Toluene-D8	2037-26-5	108	%	50-150	04.25.13 13.42	

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-27** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-002** | Date Collected: 04.24.13 13.15 | **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 26.18
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	637	ug/kg	04.25.13 14.08	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	637	ug/kg	04.25.13 14.08	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	637	ug/kg	04.25.13 14.08	U	50
1,1,2-Trichloroethane	79-00-5	BRL	637	ug/kg	04.25.13 14.08	U	50
1,1-Dichloroethane	75-34-3	BRL	637	ug/kg	04.25.13 14.08	U	50
1,1-Dichloroethene	75-35-4	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2-Dichlorobenzene	95-50-1	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2-Dichloroethane	107-06-2	BRL	637	ug/kg	04.25.13 14.08	U	50
1,2-Dichloropropane	78-87-5	BRL	637	ug/kg	04.25.13 14.08	U	50
1,3-Dichlorobenzene	541-73-1	BRL	637	ug/kg	04.25.13 14.08	U	50
1,4-Dichlorobenzene	106-46-7	BRL	637	ug/kg	04.25.13 14.08	U	50
2-Butanone (MEK)	78-93-3	BRL	6370	ug/kg	04.25.13 14.08	U	50
2-Hexanone	591-78-6	BRL	6370	ug/kg	04.25.13 14.08	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	6370	ug/kg	04.25.13 14.08	U	50
Acetone	67-64-1	BRL	6370	ug/kg	04.25.13 14.08	U	50
Benzene	71-43-2	**670**	637	ug/kg	04.25.13 14.08		50
Bromochloromethane	74-97-5	BRL	637	ug/kg	04.25.13 14.08	U	50
Bromodichloromethane	75-27-4	BRL	637	ug/kg	04.25.13 14.08	U	50
Bromoform	75-25-2	BRL	637	ug/kg	04.25.13 14.08	U	50
Bromomethane	74-83-9	BRL	637	ug/kg	04.25.13 14.08	U	50
Carbon disulfide	75-15-0	BRL	5090	ug/kg	04.25.13 14.08	U	50
Carbon tetrachloride	56-23-5	BRL	637	ug/kg	04.25.13 14.08	U	50
Chlorobenzene	108-90-7	BRL	637	ug/kg	04.25.13 14.08	U	50
Chloroethane	75-00-3	BRL	637	ug/kg	04.25.13 14.08	U	50
Chloroform	67-66-3	BRL	637	ug/kg	04.25.13 14.08	U	50
Chloromethane	74-87-3	BRL	1270	ug/kg	04.25.13 14.08	U	50
cis-1,2-Dichloroethene	156-59-2	**639**	637	ug/kg	04.25.13 14.08		50
cis-1,3-Dichloropropene	10061-01-5	BRL	637	ug/kg	04.25.13 14.08	U	50
Cyclohexane	110-82-7	**1200**	637	ug/kg	04.25.13 14.08		50
Dibromochloromethane	124-48-1	BRL	637	ug/kg	04.25.13 14.08	U	50
Dichlorodifluoromethane	75-71-8	BRL	637	ug/kg	04.25.13 14.08	U	50
Ethylbenzene	100-41-4	BRL	637	ug/kg	04.25.13 14.08	U	50
Isopropylbenzene	98-82-8	BRL	637	ug/kg	04.25.13 14.08	U	50
m,p-Xylenes	179601-23-1	**1560**	637	ug/kg	04.25.13 14.08		50
Methyl acetate	79-20-9	BRL	637	ug/kg	04.25.13 14.08	U	50
Methyl tert-butyl ether	1634-04-4	BRL	637	ug/kg	04.25.13 14.08	U	50
Methylcyclohexane	108-87-2	**2640**	637	ug/kg	04.25.13 14.08		50

Certificate of Analytical Results 461876

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-27** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-002** | Date Collected: 04.24.13 13.15 | **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 26.18
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	2550	ug/kg	04.25.13 14.08	U	50
Naphthalene	91-20-3	**1180**	637	ug/kg	04.25.13 14.08		50
o-Xylene	95-47-6	**735**	637	ug/kg	04.25.13 14.08		50
Styrene	100-42-5	BRL	637	ug/kg	04.25.13 14.08	U	50
Tetrachloroethene	127-18-4	**117000**	12700	ug/kg	04.25.13 16.01	D	1000
Toluene	108-88-3	**2210**	637	ug/kg	04.25.13 14.08		50
trans-1,2-Dichloroethene	156-60-5	BRL	637	ug/kg	04.25.13 14.08	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	637	ug/kg	04.25.13 14.08	U	50
Trichloroethene	79-01-6	**5560**	637	ug/kg	04.25.13 14.08		50
Trichlorofluoromethane	75-69-4	BRL	637	ug/kg	04.25.13 14.08	U	50
Vinyl chloride	75-01-4	BRL	637	ug/kg	04.25.13 14.08	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	81	%	50-150	04.25.13 14.08	
4-Bromofluorobenzene	460-00-4	112	%	57-158	04.25.13 14.08	
Toluene-D8	2037-26-5	116	%	50-150	04.25.13 14.08	

Certificate of Analytical Results 461876

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-28** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-003** | Date Collected: 04.24.13 13.30 | **Sample Depth:** 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 25.62
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	469	ug/kg	04.25.13 14.35	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	469	ug/kg	04.25.13 14.35	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	469	ug/kg	04.25.13 14.35	U	50
1,1,2-Trichloroethane	79-00-5	BRL	469	ug/kg	04.25.13 14.35	U	50
1,1-Dichloroethane	75-34-3	BRL	469	ug/kg	04.25.13 14.35	U	50
1,1-Dichloroethene	75-35-4	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2-Dichlorobenzene	95-50-1	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2-Dichloroethane	107-06-2	BRL	469	ug/kg	04.25.13 14.35	U	50
1,2-Dichloropropane	78-87-5	BRL	469	ug/kg	04.25.13 14.35	U	50
1,3-Dichlorobenzene	541-73-1	BRL	469	ug/kg	04.25.13 14.35	U	50
1,4-Dichlorobenzene	106-46-7	BRL	469	ug/kg	04.25.13 14.35	U	50
2-Butanone (MEK)	78-93-3	BRL	4690	ug/kg	04.25.13 14.35	U	50
2-Hexanone	591-78-6	BRL	4690	ug/kg	04.25.13 14.35	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	4690	ug/kg	04.25.13 14.35	U	50
Acetone	67-64-1	BRL	4690	ug/kg	04.25.13 14.35	U	50
Benzene	71-43-2	BRL	469	ug/kg	04.25.13 14.35	U	50
Bromochloromethane	74-97-5	BRL	469	ug/kg	04.25.13 14.35	U	50
Bromodichloromethane	75-27-4	BRL	469	ug/kg	04.25.13 14.35	U	50
Bromoform	75-25-2	BRL	469	ug/kg	04.25.13 14.35	U	50
Bromomethane	74-83-9	BRL	469	ug/kg	04.25.13 14.35	U	50
Carbon disulfide	75-15-0	BRL	3760	ug/kg	04.25.13 14.35	U	50
Carbon tetrachloride	56-23-5	BRL	469	ug/kg	04.25.13 14.35	U	50
Chlorobenzene	108-90-7	BRL	469	ug/kg	04.25.13 14.35	U	50
Chloroethane	75-00-3	BRL	469	ug/kg	04.25.13 14.35	U	50
Chloroform	67-66-3	BRL	469	ug/kg	04.25.13 14.35	U	50
Chloromethane	74-87-3	BRL	939	ug/kg	04.25.13 14.35	U	50
cis-1,2-Dichloroethene	156-59-2	**2180**	469	ug/kg	04.25.13 14.35		50
cis-1,3-Dichloropropene	10061-01-5	BRL	469	ug/kg	04.25.13 14.35	U	50
Cyclohexane	110-82-7	BRL	469	ug/kg	04.25.13 14.35	U	50
Dibromochloromethane	124-48-1	BRL	469	ug/kg	04.25.13 14.35	U	50
Dichlorodifluoromethane	75-71-8	BRL	469	ug/kg	04.25.13 14.35	U	50
Ethylbenzene	100-41-4	BRL	469	ug/kg	04.25.13 14.35	U	50
Isopropylbenzene	98-82-8	BRL	469	ug/kg	04.25.13 14.35	U	50
m,p-Xylenes	179601-23-1	BRL	469	ug/kg	04.25.13 14.35	U	50
Methyl acetate	79-20-9	BRL	469	ug/kg	04.25.13 14.35	U	50
Methyl tert-butyl ether	1634-04-4	BRL	469	ug/kg	04.25.13 14.35	U	50
Methylcyclohexane	108-87-2	BRL	469	ug/kg	04.25.13 14.35	U	50

Certificate of Analytical Results 461876

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-28** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-003** | Date Collected: 04.24.13 13.30 | **Sample Depth:** 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 25.62
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1880	ug/kg	04.25.13 14.35	U	50
Naphthalene	91-20-3	BRL	469	ug/kg	04.25.13 14.35	U	50
o-Xylene	95-47-6	BRL	469	ug/kg	04.25.13 14.35	U	50
Styrene	100-42-5	BRL	469	ug/kg	04.25.13 14.35	U	50
Tetrachloroethene	127-18-4	**281000**	46900	ug/kg	04.25.13 16.31	D	5000
Toluene	108-88-3	BRL	469	ug/kg	04.25.13 14.35	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	469	ug/kg	04.25.13 14.35	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	469	ug/kg	04.25.13 14.35	U	50
Trichloroethene	79-01-6	**9300**	469	ug/kg	04.25.13 14.35		50
Trichlorofluoromethane	75-69-4	BRL	469	ug/kg	04.25.13 14.35	U	50
Vinyl chloride	75-01-4	BRL	469	ug/kg	04.25.13 14.35	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	81	%	50-150	04.25.13 14.35	
4-Bromofluorobenzene	460-00-4	92	%	57-158	04.25.13 14.35	
Toluene-D8	2037-26-5	92	%	50-150	04.25.13 14.35	

Certificate of Analytical Results 461876

XENCO Laboratories
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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-29** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-004** | Date Collected: 04.24.13 13.42 | **Sample Depth:** 6 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 30.72
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	438	ug/kg	04.25.13 15.02	U	50
1,1,2,2-Tetrachloroethane	79-34-5	BRL	438	ug/kg	04.25.13 15.02	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	438	ug/kg	04.25.13 15.02	U	50
1,1,2-Trichloroethane	79-00-5	BRL	438	ug/kg	04.25.13 15.02	U	50
1,1-Dichloroethane	75-34-3	BRL	438	ug/kg	04.25.13 15.02	U	50
1,1-Dichloroethene	75-35-4	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2,3-Trichlorobenzene	87-61-6	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2,4-Trichlorobenzene	120-82-1	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2-Dibromoethane (EDB)	106-93-4	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2-Dichlorobenzene	95-50-1	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2-Dichloroethane	107-06-2	BRL	438	ug/kg	04.25.13 15.02	U	50
1,2-Dichloropropane	78-87-5	BRL	438	ug/kg	04.25.13 15.02	U	50
1,3-Dichlorobenzene	541-73-1	BRL	438	ug/kg	04.25.13 15.02	U	50
1,4-Dichlorobenzene	106-46-7	BRL	438	ug/kg	04.25.13 15.02	U	50
2-Butanone (MEK)	78-93-3	BRL	4380	ug/kg	04.25.13 15.02	U	50
2-Hexanone	591-78-6	BRL	4380	ug/kg	04.25.13 15.02	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	4380	ug/kg	04.25.13 15.02	U	50
Acetone	67-64-1	BRL	4380	ug/kg	04.25.13 15.02	U	50
Benzene	71-43-2	BRL	438	ug/kg	04.25.13 15.02	U	50
Bromochloromethane	74-97-5	BRL	438	ug/kg	04.25.13 15.02	U	50
Bromodichloromethane	75-27-4	BRL	438	ug/kg	04.25.13 15.02	U	50
Bromoform	75-25-2	BRL	438	ug/kg	04.25.13 15.02	U	50
Bromomethane	74-83-9	BRL	438	ug/kg	04.25.13 15.02	U	50
Carbon disulfide	75-15-0	BRL	3500	ug/kg	04.25.13 15.02	U	50
Carbon tetrachloride	56-23-5	BRL	438	ug/kg	04.25.13 15.02	U	50
Chlorobenzene	108-90-7	BRL	438	ug/kg	04.25.13 15.02	U	50
Chloroethane	75-00-3	BRL	438	ug/kg	04.25.13 15.02	U	50
Chloroform	67-66-3	BRL	438	ug/kg	04.25.13 15.02	U	50
Chloromethane	74-87-3	BRL	876	ug/kg	04.25.13 15.02	U	50
cis-1,2-Dichloroethene	156-59-2	**3270**	438	ug/kg	04.25.13 15.02		50
cis-1,3-Dichloropropene	10061-01-5	BRL	438	ug/kg	04.25.13 15.02	U	50
Cyclohexane	110-82-7	BRL	438	ug/kg	04.25.13 15.02	U	50
Dibromochloromethane	124-48-1	BRL	438	ug/kg	04.25.13 15.02	U	50
Dichlorodifluoromethane	75-71-8	BRL	438	ug/kg	04.25.13 15.02	U	50
Ethylbenzene	100-41-4	BRL	438	ug/kg	04.25.13 15.02	U	50
Isopropylbenzene	98-82-8	BRL	438	ug/kg	04.25.13 15.02	U	50
m,p-Xylenes	179601-23-1	BRL	438	ug/kg	04.25.13 15.02	U	50
Methyl acetate	79-20-9	BRL	438	ug/kg	04.25.13 15.02	U	50
Methyl tert-butyl ether	1634-04-4	BRL	438	ug/kg	04.25.13 15.02	U	50
Methylcyclohexane	108-87-2	BRL	438	ug/kg	04.25.13 15.02	U	50

Certificate of Analytical Results 461876

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-29** | Matrix: Soil | Date Received: 04.24.13 16.21
Lab Sample Id: **461876-004** | Date Collected: 04.24.13 13.42 | **Sample Depth:** 6 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035A
Tech: BAT | % Moisture: 30.72
Analyst: MLA | Date Prep: 04.25.13 09.45 | Basis: Dry Weight
Seq Number: 912292

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	1750	ug/kg	04.25.13 15.02	U	50
Naphthalene	91-20-3	BRL	438	ug/kg	04.25.13 15.02	U	50
o-Xylene	95-47-6	BRL	438	ug/kg	04.25.13 15.02	U	50
Styrene	100-42-5	BRL	438	ug/kg	04.25.13 15.02	U	50
Tetrachloroethene	127-18-4	**496000**	43800	ug/kg	04.25.13 17.00	D	5000
Toluene	108-88-3	BRL	438	ug/kg	04.25.13 15.02	U	50
trans-1,2-Dichloroethene	156-60-5	BRL	438	ug/kg	04.25.13 15.02	U	50
trans-1,3-Dichloropropene	10061-02-6	BRL	438	ug/kg	04.25.13 15.02	U	50
Trichloroethene	79-01-6	**21600**	17500	ug/kg	04.25.13 17.00	D	5000
Trichlorofluoromethane	75-69-4	BRL	438	ug/kg	04.25.13 15.02	U	50
Vinyl chloride	75-01-4	BRL	438	ug/kg	04.25.13 15.02	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	90	%	50-150	04.25.13 15.02	
4-Bromofluorobenzene	460-00-4	135	%	57-158	04.25.13 15.02	
Toluene-D8	2037-26-5	98	%	50-150	04.25.13 15.02	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 461876

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 912292 Matrix: Solid Date Prep: 04/25/2013
MB Sample Id: 637175-1-BLK LCS Sample Id: 637175-1-BKS LCSD Sample Id: 637175-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	49.2	98	52.5	105	75-145	6	20	ug/kg	04/25/13 11:02	
1,1,2,2-Tetrachloroethane	<1.19	50.0	51.8	104	54.8	110	78-120	6	20	ug/kg	04/25/13 11:02	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	38.3	77	37.6	75	54-173	2	20	ug/kg	04/25/13 11:02	
1,1,2-Trichloroethane	<0.670	50.0	53.4	107	53.8	108	81-115	1	20	ug/kg	04/25/13 11:02	
1,1-Dichloroethane	<0.802	50.0	50.1	100	49.8	100	73-131	1	20	ug/kg	04/25/13 11:02	
1,1-Dichloroethene	<1.16	50.0	40.1	80	36.5	73	67-144	9	20	ug/kg	04/25/13 11:02	
1,2,3-Trichlorobenzene	<0.574	50.0	40.1	80	54.9	110	59-168	31	20	ug/kg	04/25/13 11:02	F
1,2,4-Trichlorobenzene	<0.873	50.0	48.0	96	64.1	128	61-170	29	20	ug/kg	04/25/13 11:02	F
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	53.0	106	62.8	126	62-146	17	20	ug/kg	04/25/13 11:02	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.8	100	52.8	106	81-121	6	20	ug/kg	04/25/13 11:02	
1,2-Dichlorobenzene	<1.29	50.0	47.1	94	50.6	101	70-146	7	20	ug/kg	04/25/13 11:02	
1,2-Dichloroethane	<0.597	50.0	49.1	98	49.1	98	63-150	0	20	ug/kg	04/25/13 11:02	
1,2-Dichloropropane	<0.929	50.0	51.4	103	51.2	102	76-121	0	20	ug/kg	04/25/13 11:02	
1,3-Dichlorobenzene	<0.997	50.0	50.6	101	52.4	105	73-145	3	20	ug/kg	04/25/13 11:02	
1,4-Dichlorobenzene	<0.684	50.0	49.5	99	50.6	101	74-143	2	20	ug/kg	04/25/13 11:02	
2-Butanone (MEK)	<9.11	100	108	108	97.9	98	44-158	10	20	ug/kg	04/25/13 11:02	
2-Hexanone	<1.13	100	105	105	112	112	59-154	6	20	ug/kg	04/25/13 11:02	
4-Methyl-2-pentanone (MIBK)	<3.23	100	98.1	98	92.8	93	65-132	6	20	ug/kg	04/25/13 11:02	
Acetone	<6.88	100	89.6	90	81.4	81	43-163	10	20	ug/kg	04/25/13 11:02	
Benzene	<0.513	50.0	51.4	103	53.4	107	82-121	4	20	ug/kg	04/25/13 11:02	
Bromochloromethane	<1.01	50.0	50.7	101	48.3	97	79-126	5	20	ug/kg	04/25/13 11:02	
Bromodichloromethane	<0.501	50.0	50.7	101	52.9	106	80-135	4	20	ug/kg	04/25/13 11:02	
Bromoform	<0.959	50.0	47.8	96	47.9	96	71-135	0	20	ug/kg	04/25/13 11:02	
Bromomethane	<2.46	50.0	42.3	85	45.5	91	51-149	7	20	ug/kg	04/25/13 11:02	
Carbon disulfide	<1.46	50.0	40.8	82	41.6	83	57-151	2	20	ug/kg	04/25/13 11:02	
Carbon tetrachloride	<0.742	50.0	48.0	96	51.0	102	70-156	6	20	ug/kg	04/25/13 11:02	
Chlorobenzene	<0.579	50.0	50.6	101	53.4	107	76-131	5	20	ug/kg	04/25/13 11:02	
Chloroethane	<2.45	50.0	47.3	95	44.4	89	64-131	6	20	ug/kg	04/25/13 11:02	
Chloroform	<0.741	50.0	49.0	98	52.0	104	78-125	6	20	ug/kg	04/25/13 11:02	
Chloromethane	<2.30	50.0	49.7	99	51.2	102	59-127	3	20	ug/kg	04/25/13 11:02	
cis-1,2-Dichloroethene	<0.662	50.0	49.8	100	50.2	100	80-123	1	20	ug/kg	04/25/13 11:02	
cis-1,3-Dichloropropene	<0.539	50.0	55.5	111	55.8	112	81-123	1	20	ug/kg	04/25/13 11:02	
Cyclohexane	<0.945	50.0	58.8	118	59.8	120	58-164	2	20	ug/kg	04/25/13 11:02	
Dibromochloromethane	<0.994	50.0	52.1	104	51.2	102	81-136	2	20	ug/kg	04/25/13 11:02	
Dichlorodifluoromethane	<1.18	50.0	48.5	97	54.4	109	33-161	11	20	ug/kg	04/25/13 11:02	
Ethylbenzene	<0.565	50.0	49.8	100	53.2	106	84-129	7	20	ug/kg	04/25/13 11:02	
Isopropylbenzene	<0.759	50.0	49.4	99	51.4	103	65-153	4	20	ug/kg	04/25/13 11:02	
m,p-Xylenes	<1.21	100	98.8	99	102	102	75-141	3	20	ug/kg	04/25/13 11:02	
Methyl acetate	<0.946	50.0	42.6	85	46.4	93	45-155	9	20	ug/kg	04/25/13 11:02	
Methyl tert-butyl ether	<0.693	100	96.8	97	90.5	91	70-131	7	20	ug/kg	04/25/13 11:02	
Methylcyclohexane	<1.09	50.0	53.1	106	57.1	114	39-185	7	20	ug/kg	04/25/13 11:02	
Methylene chloride	<2.17	50.0	41.3	83	46.5	93	65-137	12	20	ug/kg	04/25/13 11:02	
Naphthalene	<1.30	50.0	45.9	92	55.1	110	68-151	18	20	ug/kg	04/25/13 11:02	
o-Xylene	<0.716	50.0	47.6	95	51.1	102	73-141	7	20	ug/kg	04/25/13 11:02	
Styrene	<0.742	50.0	47.9	96	54.1	108	82-129	12	20	ug/kg	04/25/13 11:02	
Tetrachloroethene	<1.04	50.0	48.7	97	51.6	103	78-144	6	20	ug/kg	04/25/13 11:02	
Toluene	<0.588	50.0	50.6	101	53.1	106	86-121	5	20	ug/kg	04/25/13 11:02	
trans-1,2-Dichloroethene	<0.780	50.0	51.4	103	50.6	101	72-132	2	20	ug/kg	04/25/13 11:02	
trans-1,3-Dichloropropene	<0.670	50.0	57.6	115	59.1	118	82-132	3	20	ug/kg	04/25/13 11:02	

QC Summary 461876

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 912292 Matrix: Solid Date Prep: 04/25/2013

MB Sample Id: 637175-1-BLK LCS Sample Id: 637175-1-BKS LCSD Sample Id: 637175-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	50.7	101	52.7	105	80-126	4	20	ug/kg	04/25/13 11:02	
Trichlorofluoromethane	<3.51	50.0	41.3	83	46.3	93	55-155	11	20	ug/kg	04/25/13 11:02	
Vinyl chloride	<2.01	50.0	47.2	94	46.8	94	70-130	1	20	ug/kg	04/25/13 11:02	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		94		89		50-150	%	04/25/13 11:02
4-Bromofluorobenzene	113		96		96		57-158	%	04/25/13 11:02
Toluene-D8	106		104		108		50-150	%	04/25/13 11:02

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262115 Page 1 of 1

Company-City: AEM Inc
Phone: 404 329 9006
Lab Only: WO # 461876
Proj Name-Location: DEKALB ☐ Previously done at XENCO
Project ID: 1133-1301-2
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): LEONA MILES
e-Mail Results to ☐ PM or: leona-miles@aem-net.com
Fax No:
Invoice to ☐ Accounting ☑ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: leona-miles
Quote/Pricing:
P.O No:
☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA (VRP) QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs (See Lab PM) included Call PM)
Sampler Name: Greg Gilmore Signature:

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:
1	SB-26	4-24-13	1250	10'	S		X	5	V	V	V	X									ASAP				1
2	SB-27	4-24-13	1315	9'	S		X	5	V	V	V	X													2
3	SB-28	4-24-13	1330	8'	S		X	5	V	V	V	X													3
4	SB-29	4-24-13	1342	6'	S		X	5	V	V	V	X													4
5	Trip Blank							2	V	V	V	X													5
6																									6
7																									7
8																									8
9																									9
10																									10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp:
1)	4-24-13 1621	2)	4/24/13 1550 1621		
3)		4)			
5)		6)			

Upon signing this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Atlanta Environmental Management

Date/ Time Received: 04/24/2013 04:21:00 PM

Work Order #: 461876

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Note: Soil VOCs submitted in pre-weighed DI Water Vials. Frozen upon receipt at the lab.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 04/25/2013

Checklist reviewed by: David C. Fuller Date: 04/25/2013

Analytical Report 461284

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

22-APR-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

22-APR-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **461284**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 461284. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 461284 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-19 (2')	S	04-15-13 10:55	- 2 ft	461284-005
SB-19 (9')	S	04-15-13 11:10	- 9 ft	461284-006
SB-22 (2')	S	04-15-13 13:50	- 2 ft	461284-011
SB-22 (9')	S	04-15-13 14:00	- 9 ft	461284-012
Trip Blank	W	04-15-13 00:00		461284-013
SB-17 (2')	S	04-15-13 09:25	- 2 ft	Not Analyzed
SB-17 (8')	S	04-15-13 10:05	- 8 ft	Not Analyzed
SB-18 (2')	S	04-15-13 10:20	- 2 ft	Not Analyzed
SB-18 (8')	S	04-15-13 10:45	- 8 ft	Not Analyzed
SB-20 (2')	S	04-15-13 12:25	- 2 ft	Not Analyzed
SB-20 (8')	S	04-15-13 13:20	- 8 ft	Not Analyzed
SB-21 (2')	S	04-15-13 13:30	- 2 ft	Not Analyzed
SB-21 (8')	S	04-15-13 13:40	- 8 ft	Not Analyzed

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Hits Summary 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-19 (2')**	Matrix:	**Soil**	% Moisture:	**20.43**
Lab Sample Id:	**461284-005**	Date Collected:	**04.15.13 10.55**	Basis:	**Dry Weight**
Sample Depth:	**2 ft**	Date Received:	**04.15.13 16.40**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911846 Date Prep: 04.19.13 06.29

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Naphthalene	91-20-3	9.71	ug/kg	04.19.13 14.10		1

Hits Summary 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-19 (9')**	Matrix:	**Soil**	% Moisture:	**20.5**
Lab Sample Id:	**461284-006**	Date Collected:	**04.15.13 11.10**	Basis:	**Dry Weight**
Sample Depth:	**9 ft**	Date Received:	**04.15.13 16.40**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911846 Date Prep: 04.19.13 06.29

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	33.0	ug/kg	04.19.13 16.04		1

Hits Summary 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-22 (2')**	Matrix:	**Soil**	% Moisture:	**21.7**
Lab Sample Id:	**461284-011**	Date Collected:	**04.15.13 13.50**	Basis:	**Dry Weight**
Sample Depth:	**2 ft**	Date Received:	**04.15.13 16.40**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911846 Date Prep: 04.19.13 06.29

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	33.6	ug/kg	04.19.13 15.09		1

Hits Summary 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-22 (9')**	Matrix:	**Soil**	% Moisture:	**25.7**
Lab Sample Id:	**461284-012**	Date Collected:	**04.15.13 14.00**	Basis:	**Dry Weight**
Sample Depth:	**9 ft**	Date Received:	**04.15.13 16.40**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911846 Date Prep: 04.19.13 06.29

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	32.9	ug/kg	04.19.13 15.37		1

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911846 Date Prep: 04.19.13 07.03

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	1810	ug/kg	04.19.13 18.19	D	50

Certificate of Analytical Results 461284

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-19 (2')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-005** Date Collected: 04.15.13 10.55 **Sample Depth:** 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 20.43
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,1-Dichloroethane	75-34-3	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,1-Dichloroethene	75-35-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2-Dichloroethane	107-06-2	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,2-Dichloropropane	78-87-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.78	ug/kg	04.19.13 14.10	U	1
2-Butanone (MEK)	78-93-3	BRL	57.8	ug/kg	04.19.13 14.10	U	1
2-Hexanone	591-78-6	BRL	57.8	ug/kg	04.19.13 14.10	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	57.8	ug/kg	04.19.13 14.10	U	1
Acetone	67-64-1	BRL	57.8	ug/kg	04.19.13 14.10	U	1
Benzene	71-43-2	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Bromochloromethane	74-97-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Bromodichloromethane	75-27-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Bromoform	75-25-2	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Bromomethane	74-83-9	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Carbon disulfide	75-15-0	BRL	46.2	ug/kg	04.19.13 14.10	U	1
Carbon tetrachloride	56-23-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Chlorobenzene	108-90-7	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Chloroethane	75-00-3	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Chloroform	67-66-3	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Chloromethane	74-87-3	BRL	11.6	ug/kg	04.19.13 14.10	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.78	ug/kg	04.19.13 14.10	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Cyclohexane	110-82-7	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Dibromochloromethane	124-48-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Ethylbenzene	100-41-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Isopropylbenzene	98-82-8	BRL	5.78	ug/kg	04.19.13 14.10	U	1
m,p-Xylenes	179601-23-1	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Methyl acetate	79-20-9	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Methylcyclohexane	108-87-2	BRL	5.78	ug/kg	04.19.13 14.10	U	1

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-19 (2')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-005** Date Collected: 04.15.13 10.55 **Sample Depth:** 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 20.43
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.1	ug/kg	04.19.13 14.10	U	1
Naphthalene	91-20-3	**9.71**	5.78	ug/kg	04.19.13 14.10		1
o-Xylene	95-47-6	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Styrene	100-42-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Tetrachloroethene	127-18-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Toluene	108-88-3	BRL	5.78	ug/kg	04.19.13 14.10	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.78	ug/kg	04.19.13 14.10	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Trichloroethene	79-01-6	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Trichlorofluoromethane	75-69-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1
Vinyl chloride	75-01-4	BRL	5.78	ug/kg	04.19.13 14.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	97	%	50-150	04.19.13 14.10	
4-Bromofluorobenzene	460-00-4	101	%	57-158	04.19.13 14.10	
Toluene-D8	2037-26-5	99	%	50-150	04.19.13 14.10	

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-19 (9')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-006** Date Collected: 04.15.13 11.10 **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 20.5
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,1-Dichloroethane	75-34-3	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,1-Dichloroethene	75-35-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2-Dichloroethane	107-06-2	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,2-Dichloropropane	78-87-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.02	ug/kg	04.19.13 16.04	U	1
2-Butanone (MEK)	78-93-3	BRL	50.2	ug/kg	04.19.13 16.04	U	1
2-Hexanone	591-78-6	BRL	50.2	ug/kg	04.19.13 16.04	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50.2	ug/kg	04.19.13 16.04	U	1
Acetone	67-64-1	BRL	50.2	ug/kg	04.19.13 16.04	U	1
Benzene	71-43-2	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Bromochloromethane	74-97-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Bromodichloromethane	75-27-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Bromoform	75-25-2	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Bromomethane	74-83-9	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Carbon disulfide	75-15-0	BRL	40.2	ug/kg	04.19.13 16.04	U	1
Carbon tetrachloride	56-23-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Chlorobenzene	108-90-7	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Chloroethane	75-00-3	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Chloroform	67-66-3	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Chloromethane	74-87-3	BRL	10.0	ug/kg	04.19.13 16.04	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.02	ug/kg	04.19.13 16.04	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Cyclohexane	110-82-7	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Dibromochloromethane	124-48-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Ethylbenzene	100-41-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Isopropylbenzene	98-82-8	BRL	5.02	ug/kg	04.19.13 16.04	U	1
m,p-Xylenes	179601-23-1	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Methyl acetate	79-20-9	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Methylcyclohexane	108-87-2	BRL	5.02	ug/kg	04.19.13 16.04	U	1

Certificate of Analytical Results 461284

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-19 (9')** Matrix: Soil Date Received: 04.15.13 16.40

Lab Sample Id: **461284-006** Date Collected: 04.15.13 11.10 **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Tech: BAT % Moisture: 20.5

Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight

Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	20.1	ug/kg	04.19.13 16.04	U	1
Naphthalene	91-20-3	BRL	5.02	ug/kg	04.19.13 16.04	U	1
o-Xylene	95-47-6	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Styrene	100-42-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Tetrachloroethene	127-18-4	**33.0**	5.02	ug/kg	04.19.13 16.04		1
Toluene	108-88-3	BRL	5.02	ug/kg	04.19.13 16.04	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.02	ug/kg	04.19.13 16.04	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Trichloroethene	79-01-6	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Trichlorofluoromethane	75-69-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1
Vinyl chloride	75-01-4	BRL	5.02	ug/kg	04.19.13 16.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	94	%	50-150	04.19.13 16.04	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.19.13 16.04	
Toluene-D8	2037-26-5	101	%	50-150	04.19.13 16.04	

Certificate of Analytical Results 461284

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-22 (2')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-011** Date Collected: 04.15.13 13.50 **Sample Depth:** 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 21.7
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,1-Dichloroethane	75-34-3	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,1-Dichloroethene	75-35-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2-Dichloroethane	107-06-2	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,2-Dichloropropane	78-87-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.79	ug/kg	04.19.13 15.09	U	1
2-Butanone (MEK)	78-93-3	BRL	57.9	ug/kg	04.19.13 15.09	U	1
2-Hexanone	591-78-6	BRL	57.9	ug/kg	04.19.13 15.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	57.9	ug/kg	04.19.13 15.09	U	1
Acetone	67-64-1	BRL	57.9	ug/kg	04.19.13 15.09	U	1
Benzene	71-43-2	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Bromochloromethane	74-97-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Bromodichloromethane	75-27-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Bromoform	75-25-2	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Bromomethane	74-83-9	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Carbon disulfide	75-15-0	BRL	46.4	ug/kg	04.19.13 15.09	U	1
Carbon tetrachloride	56-23-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Chlorobenzene	108-90-7	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Chloroethane	75-00-3	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Chloroform	67-66-3	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Chloromethane	74-87-3	BRL	11.6	ug/kg	04.19.13 15.09	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.79	ug/kg	04.19.13 15.09	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Cyclohexane	110-82-7	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Dibromochloromethane	124-48-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Ethylbenzene	100-41-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Isopropylbenzene	98-82-8	BRL	5.79	ug/kg	04.19.13 15.09	U	1
m,p-Xylenes	179601-23-1	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Methyl acetate	79-20-9	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Methylcyclohexane	108-87-2	BRL	5.79	ug/kg	04.19.13 15.09	U	1

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-22 (2')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-011** Date Collected: 04.15.13 13.50 **Sample Depth:** 2 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 21.7
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.2	ug/kg	04.19.13 15.09	U	1
Naphthalene	91-20-3	BRL	5.79	ug/kg	04.19.13 15.09	U	1
o-Xylene	95-47-6	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Styrene	100-42-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Tetrachloroethene	127-18-4	**33.6**	5.79	ug/kg	04.19.13 15.09		1
Toluene	108-88-3	BRL	5.79	ug/kg	04.19.13 15.09	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.79	ug/kg	04.19.13 15.09	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Trichloroethene	79-01-6	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Trichlorofluoromethane	75-69-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1
Vinyl chloride	75-01-4	BRL	5.79	ug/kg	04.19.13 15.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	109	%	50-150	04.19.13 15.09	
4-Bromofluorobenzene	460-00-4	101	%	57-158	04.19.13 15.09	
Toluene-D8	2037-26-5	97	%	50-150	04.19.13 15.09	

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-22 (9')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-012** Date Collected: 04.15.13 14.00 **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 25.7
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,1-Dichloroethane	75-34-3	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,1-Dichloroethene	75-35-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2-Dichloroethane	107-06-2	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,2-Dichloropropane	78-87-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.98	ug/kg	04.19.13 15.37	U	1
2-Butanone (MEK)	78-93-3	BRL	59.8	ug/kg	04.19.13 15.37	U	1
2-Hexanone	591-78-6	BRL	59.8	ug/kg	04.19.13 15.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	59.8	ug/kg	04.19.13 15.37	U	1
Acetone	67-64-1	BRL	59.8	ug/kg	04.19.13 15.37	U	1
Benzene	71-43-2	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Bromochloromethane	74-97-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Bromodichloromethane	75-27-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Bromoform	75-25-2	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Bromomethane	74-83-9	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Carbon disulfide	75-15-0	BRL	47.8	ug/kg	04.19.13 15.37	U	1
Carbon tetrachloride	56-23-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Chlorobenzene	108-90-7	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Chloroethane	75-00-3	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Chloroform	67-66-3	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Chloromethane	74-87-3	BRL	12.0	ug/kg	04.19.13 15.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.98	ug/kg	04.19.13 15.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Cyclohexane	110-82-7	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Dibromochloromethane	124-48-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Ethylbenzene	100-41-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Isopropylbenzene	98-82-8	BRL	5.98	ug/kg	04.19.13 15.37	U	1
m,p-Xylenes	179601-23-1	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Methyl acetate	79-20-9	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Methylcyclohexane	108-87-2	BRL	5.98	ug/kg	04.19.13 15.37	U	1

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-22 (9')** Matrix: Soil Date Received: 04.15.13 16.40
Lab Sample Id: **461284-012** Date Collected: 04.15.13 14.00 **Sample Depth:** 9 ft

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Tech: BAT % Moisture: 25.7
Analyst: MLA Date Prep: 04.19.13 06.29 Basis: Dry Weight
Seq Number: 911846

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	23.9	ug/kg	04.19.13 15.37	U	1
Naphthalene	91-20-3	BRL	5.98	ug/kg	04.19.13 15.37	U	1
o-Xylene	95-47-6	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Styrene	100-42-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Tetrachloroethene	127-18-4	**1810**	246	ug/kg	04.19.13 18.19	D	50
Toluene	108-88-3	BRL	5.98	ug/kg	04.19.13 15.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.98	ug/kg	04.19.13 15.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Trichloroethene	79-01-6	**32.9**	5.98	ug/kg	04.19.13 15.37		1
Trichlorofluoromethane	75-69-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1
Vinyl chloride	75-01-4	BRL	5.98	ug/kg	04.19.13 15.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	94	%	50-150	04.19.13 15.37	
4-Bromofluorobenzene	460-00-4	105	%	57-158	04.19.13 15.37	
Toluene-D8	2037-26-5	101	%	50-150	04.19.13 15.37	

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 04.15.13 16.40
Lab Sample Id: **461284-013** Date Collected: 04.15.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: BAT % Moisture:
Analyst: MLA Date Prep: 04.17.13 07.07
Seq Number: 911634

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,1-Dichloroethane	75-34-3	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,1-Dichloroethene	75-35-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2-Dichloroethane	107-06-2	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,2-Dichloropropane	78-87-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.0	ug/L	04.17.13 10.35	U	1
2-Butanone (MEK)	78-93-3	BRL	50	ug/L	04.17.13 10.35	U	1
2-Hexanone	591-78-6	BRL	50	ug/L	04.17.13 10.35	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	50	ug/L	04.17.13 10.35	U	1
Acetone	67-64-1	BRL	50	ug/L	04.17.13 10.35	U	1
Benzene	71-43-2	BRL	5.0	ug/L	04.17.13 10.35	U	1
Bromochloromethane	74-97-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
Bromodichloromethane	75-27-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
Bromoform	75-25-2	BRL	5.0	ug/L	04.17.13 10.35	U	1
Bromomethane	74-83-9	BRL	5.0	ug/L	04.17.13 10.35	U	1
Carbon disulfide	75-15-0	BRL	5.0	ug/L	04.17.13 10.35	U	1
Carbon tetrachloride	56-23-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
Chlorobenzene	108-90-7	BRL	5.0	ug/L	04.17.13 10.35	U	1
Chloroethane	75-00-3	BRL	4.0	ug/L	04.17.13 10.35	U	1
Chloroform	67-66-3	BRL	5.0	ug/L	04.17.13 10.35	U	1
Chloromethane	74-87-3	BRL	5.0	ug/L	04.17.13 10.35	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.0	ug/L	04.17.13 10.35	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
Cyclohexane	110-82-7	BRL	5.0	ug/L	04.17.13 10.35	U	1
Dibromochloromethane	124-48-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.0	ug/L	04.17.13 10.35	U	1
Ethylbenzene	100-41-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
Isopropylbenzene	98-82-8	BRL	5.0	ug/L	04.17.13 10.35	U	1
m,p-Xylenes	179601-23-1	BRL	5.0	ug/L	04.17.13 10.35	U	1
Methyl acetate	79-20-9	BRL	5.0	ug/L	04.17.13 10.35	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
Methylcyclohexane	108-87-2	BRL	5.0	ug/L	04.17.13 10.35	U	1

Certificate of Analytical Results 461284

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **Trip Blank** Matrix: Water Date Received: 04.15.13 16.40
Lab Sample Id: **461284-013** Date Collected: 04.15.13 00.00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Tech: BAT % Moisture:
Analyst: MLA Date Prep: 04.17.13 07.07
Seq Number: 911634

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	5.0	ug/L	04.17.13 10.35	U	1
Naphthalene	91-20-3	BRL	5.0	ug/L	04.17.13 10.35	U	1
o-Xylene	95-47-6	BRL	5.0	ug/L	04.17.13 10.35	U	1
Styrene	100-42-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
Tetrachloroethene	127-18-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
Toluene	108-88-3	BRL	5.0	ug/L	04.17.13 10.35	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.0	ug/L	04.17.13 10.35	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.0	ug/L	04.17.13 10.35	U	1
Trichloroethene	79-01-6	BRL	5.0	ug/L	04.17.13 10.35	U	1
Trichlorofluoromethane	75-69-4	BRL	5.0	ug/L	04.17.13 10.35	U	1
Vinyl chloride	75-01-4	BRL	2.0	ug/L	04.17.13 10.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	88	%	53-159	04.17.13 10.35	
4-Bromofluorobenzene	460-00-4	102	%	30-186	04.17.13 10.35	
Toluene-D8	2037-26-5	94	%	70-130	04.17.13 10.35	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 911634 Matrix: Water Date Prep: 04/17/2013
MB Sample Id: 636778-1-BLK LCS Sample Id: 636778-1-BKS LCSD Sample Id: 636778-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	53	106	52	104	56-141	2	20	ug/L	04/17/13 07:55	
1,1,2,2-Tetrachloroethane	<2.0	50	49	98	49	98	64-135	0	20	ug/L	04/17/13 07:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	52	104	54	108	54-134	4	20	ug/L	04/17/13 07:55	
1,1,2-Trichloroethane	<0.88	50	51	102	51	102	73-123	0	20	ug/L	04/17/13 07:55	
1,1-Dichloroethane	<0.74	50	54	108	54	108	66-126	0	20	ug/L	04/17/13 07:55	
1,1-Dichloroethene	<0.98	50	54	108	54	108	65-129	0	20	ug/L	04/17/13 07:55	
1,2,3-Trichlorobenzene	<2.6	50	49	98	49	98	56-146	0	20	ug/L	04/17/13 07:55	
1,2,4-Trichlorobenzene	<1.3	50	55	110	55	110	62-141	0	20	ug/L	04/17/13 07:55	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	48	96	49	98	48-144	2	20	ug/L	04/17/13 07:55	
1,2-Dibromoethane (EDB)	<0.79	50	52	104	51	102	70-130	2	20	ug/L	04/17/13 07:55	
1,2-Dichlorobenzene	<0.73	50	52	104	52	104	77-123	0	20	ug/L	04/17/13 07:55	
1,2-Dichloroethane	<0.82	50	52	104	52	104	57-137	0	20	ug/L	04/17/13 07:55	
1,2-Dichloropropane	<0.81	50	57	114	57	114	74-121	0	20	ug/L	04/17/13 07:55	
1,3-Dichlorobenzene	<0.74	50	52	104	51	102	79-120	2	20	ug/L	04/17/13 07:55	
1,4-Dichlorobenzene	<0.59	50	52	104	51	102	77-119	2	20	ug/L	04/17/13 07:55	
2-Butanone (MEK)	<1.3	100	110	110	110	110	42-165	0	20	ug/L	04/17/13 07:55	
2-Hexanone	<2.5	100	96	96	97	97	46-157	1	20	ug/L	04/17/13 07:55	
4-Methyl-2-pentanone (MIBK)	<2.2	100	110	110	110	110	54-145	0	20	ug/L	04/17/13 07:55	
Acetone	<1.4	100	91	91	92	92	42-178	1	20	ug/L	04/17/13 07:55	
Benzene	<0.67	50	56	112	56	112	76-119	0	20	ug/L	04/17/13 07:55	
Bromochloromethane	<0.47	50	58	116	58	116	75-123	0	20	ug/L	04/17/13 07:55	
Bromodichloromethane	<0.96	50	55	110	56	112	69-131	2	20	ug/L	04/17/13 07:55	
Bromoform	<1.4	50	51	102	51	102	66-130	0	20	ug/L	04/17/13 07:55	
Bromomethane	<2.7	50	46	92	52	104	59-141	12	20	ug/L	04/17/13 07:55	
Carbon disulfide	<0.73	50	52	104	53	106	47-144	2	20	ug/L	04/17/13 07:55	
Carbon tetrachloride	<0.89	50	52	104	54	108	46-155	4	20	ug/L	04/17/13 07:55	
Chlorobenzene	<0.59	50	51	102	51	102	81-114	0	20	ug/L	04/17/13 07:55	
Chloroethane	<0.23	50	51	102	52	104	63-133	2	20	ug/L	04/17/13 07:55	
Chloroform	<1.4	50	53	106	53	106	68-127	0	20	ug/L	04/17/13 07:55	
Chloromethane	<1.2	50	48	96	47	94	43-141	2	20	ug/L	04/17/13 07:55	
cis-1,2-Dichloroethene	<0.80	50	56	112	56	112	73-124	0	20	ug/L	04/17/13 07:55	
cis-1,3-Dichloropropene	<0.76	50	58	116	58	116	72-132	0	20	ug/L	04/17/13 07:55	
Cyclohexane	<0.99	50	50	100	53	106	58-125	6	20	ug/L	04/17/13 07:55	
Dibromochloromethane	<0.79	50	51	102	51	102	69-128	0	20	ug/L	04/17/13 07:55	
Dichlorodifluoromethane	<0.73	50	47	94	48	96	24-153	2	20	ug/L	04/17/13 07:55	
Ethylbenzene	<0.66	50	51	102	51	102	78-122	0	20	ug/L	04/17/13 07:55	
Isopropylbenzene	<1.0	50	52	104	51	102	71-131	2	20	ug/L	04/17/13 07:55	
m,p-Xylenes	<1.2	100	100	100	100	100	76-124	0	20	ug/L	04/17/13 07:55	
Methyl acetate	<0.15	50	45	90	45	90	65-135	0	20	ug/L	04/17/13 07:55	
Methyl tert-butyl ether	<0.62	100	100	100	100	100	59-135	0	20	ug/L	04/17/13 07:55	
Methylcyclohexane	<0.76	50	55	110	55	110	61-125	0	20	ug/L	04/17/13 07:55	
Methylene chloride	<0.92	50	54	108	53	106	64-135	2	20	ug/L	04/17/13 07:55	
Naphthalene	<4.0	50	48	96	49	98	46-159	2	20	ug/L	04/17/13 07:55	
o-Xylene	<0.57	50	50	100	50	100	78-124	0	20	ug/L	04/17/13 07:55	
Styrene	<0.56	50	51	102	52	104	79-123	2	20	ug/L	04/17/13 07:55	
Tetrachloroethene	<1.8	50	53	106	53	106	71-125	0	20	ug/L	04/17/13 07:55	
Toluene	<0.68	50	51	102	51	102	78-118	0	20	ug/L	04/17/13 07:55	
trans-1,2-Dichloroethene	<0.73	50	57	114	57	114	71-126	0	20	ug/L	04/17/13 07:55	
trans-1,3-Dichloropropene	<0.84	50	50	100	50	100	68-131	0	20	ug/L	04/17/13 07:55	

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 911634 Matrix: Water Date Prep: 04/17/2013

MB Sample Id: 636778-1-BLK LCS Sample Id: 636778-1-BKS LCSD Sample Id: 636778-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	57	114	57	114	76-118	0	20	ug/L	04/17/13 07:55	
Trichlorofluoromethane	<0.85	50	51	102	52	104	35-153	2	20	ug/L	04/17/13 07:55	
Vinyl chloride	<0.15	50	51	102	52	104	59-129	2	20	ug/L	04/17/13 07:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		87		87		53-159	%	04/17/13 07:55
4-Bromofluorobenzene	101		100		98		30-186	%	04/17/13 07:55
Toluene-D8	92		92		91		70-130	%	04/17/13 07:55

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 911846 Matrix: Solid Date Prep: 04/19/2013
MB Sample Id: 636901-1-BLK LCS Sample Id: 636901-1-BKS LCSD Sample Id: 636901-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	51.9	104	49.0	98	75-145	6	20	ug/kg	04/19/13 07:17	
1,1,2,2-Tetrachloroethane	<1.19	50.0	52.0	104	54.5	109	78-120	5	20	ug/kg	04/19/13 07:17	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	56.4	113	57.0	114	54-173	1	20	ug/kg	04/19/13 07:17	
1,1,2-Trichloroethane	<0.670	50.0	50.1	100	52.0	104	81-115	4	20	ug/kg	04/19/13 07:17	
1,1-Dichloroethane	<0.802	50.0	49.6	99	49.4	99	73-131	0	20	ug/kg	04/19/13 07:17	
1,1-Dichloroethene	<1.16	50.0	54.6	109	52.9	106	67-144	3	20	ug/kg	04/19/13 07:17	
1,2,3-Trichlorobenzene	<0.574	50.0	63.1	126	61.2	122	59-168	3	20	ug/kg	04/19/13 07:17	
1,2,4-Trichlorobenzene	<0.873	50.0	64.6	129	61.2	122	61-170	5	20	ug/kg	04/19/13 07:17	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	54.6	109	57.6	115	62-146	5	20	ug/kg	04/19/13 07:17	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.9	100	52.2	104	81-121	5	20	ug/kg	04/19/13 07:17	
1,2-Dichlorobenzene	<1.29	50.0	54.7	109	54.5	109	70-146	0	20	ug/kg	04/19/13 07:17	
1,2-Dichloroethane	<0.597	50.0	45.5	91	47.3	95	63-150	4	20	ug/kg	04/19/13 07:17	
1,2-Dichloropropane	<0.929	50.0	50.6	101	51.7	103	76-121	2	20	ug/kg	04/19/13 07:17	
1,3-Dichlorobenzene	<0.997	50.0	56.3	113	54.4	109	73-145	3	20	ug/kg	04/19/13 07:17	
1,4-Dichlorobenzene	<0.684	50.0	55.7	111	54.1	108	74-143	3	20	ug/kg	04/19/13 07:17	
2-Butanone (MEK)	<9.11	100	100	100	107	107	44-158	7	20	ug/kg	04/19/13 07:17	
2-Hexanone	<1.13	100	102	102	109	109	59-154	7	20	ug/kg	04/19/13 07:17	
4-Methyl-2-pentanone (MIBK)	<3.23	100	100	100	108	108	65-132	8	20	ug/kg	04/19/13 07:17	
Acetone	<6.88	100	111	111	119	119	43-163	7	20	ug/kg	04/19/13 07:17	
Benzene	<0.513	50.0	50.7	101	50.8	102	82-121	0	20	ug/kg	04/19/13 07:17	
Bromochloromethane	<1.01	50.0	52.7	105	54.6	109	79-126	4	20	ug/kg	04/19/13 07:17	
Bromodichloromethane	<0.501	50.0	49.4	99	50.4	101	80-135	2	20	ug/kg	04/19/13 07:17	
Bromoform	<0.959	50.0	54.5	109	55.8	112	71-135	2	20	ug/kg	04/19/13 07:17	
Bromomethane	<2.46	50.0	43.8	88	45.1	90	51-149	3	20	ug/kg	04/19/13 07:17	
Carbon disulfide	<1.46	50.0	51.1	102	49.1	98	57-151	4	20	ug/kg	04/19/13 07:17	
Carbon tetrachloride	<0.742	50.0	51.7	103	49.6	99	70-156	4	20	ug/kg	04/19/13 07:17	
Chlorobenzene	<0.579	50.0	52.8	106	51.9	104	76-131	2	20	ug/kg	04/19/13 07:17	
Chloroethane	<2.45	50.0	47.0	94	45.2	90	64-131	4	20	ug/kg	04/19/13 07:17	
Chloroform	<0.741	50.0	48.1	96	48.7	97	78-125	1	20	ug/kg	04/19/13 07:17	
Chloromethane	<2.30	50.0	41.3	83	40.4	81	59-127	2	20	ug/kg	04/19/13 07:17	
cis-1,2-Dichloroethene	<0.662	50.0	50.1	100	51.8	104	80-123	3	20	ug/kg	04/19/13 07:17	
cis-1,3-Dichloropropene	<0.539	50.0	51.8	104	53.6	107	87-123	3	20	ug/kg	04/19/13 07:17	
Cyclohexane	<0.945	50.0	42.7	85	45.6	91	58-164	7	20	ug/kg	04/19/13 07:17	
Dibromochloromethane	<0.994	50.0	51.1	102	52.8	106	81-136	3	20	ug/kg	04/19/13 07:17	
Dichlorodifluoromethane	<1.18	50.0	34.4	69	32.8	66	33-161	5	20	ug/kg	04/19/13 07:17	
Ethylbenzene	<0.565	50.0	53.2	106	51.7	103	84-129	3	20	ug/kg	04/19/13 07:17	
Isopropylbenzene	<0.759	50.0	56.1	112	54.0	108	65-153	4	20	ug/kg	04/19/13 07:17	
m,p-Xylenes	<1.21	100	108	108	105	105	75-141	3	20	ug/kg	04/19/13 07:17	
Methyl acetate	<0.946	50.0	43.9	88	47.4	95	45-155	8	20	ug/kg	04/19/13 07:17	
Methyl tert-butyl ether	<0.693	100	93.8	94	97.0	97	70-131	3	20	ug/kg	04/19/13 07:17	
Methylcyclohexane	<1.09	50.0	57.8	116	54.4	109	39-185	6	20	ug/kg	04/19/13 07:17	
Methylene chloride	<2.17	50.0	60.1	120	61.5	123	65-137	2	20	ug/kg	04/19/13 07:17	
Naphthalene	<1.30	50.0	62.0	124	62.6	125	68-151	1	20	ug/kg	04/19/13 07:17	
o-Xylene	<0.716	50.0	53.3	107	52.0	104	73-141	2	20	ug/kg	04/19/13 07:17	
Styrene	<0.742	50.0	53.5	107	52.9	106	82-129	1	20	ug/kg	04/19/13 07:17	
Tetrachloroethene	<1.04	50.0	57.2	114	53.5	107	78-144	7	20	ug/kg	04/19/13 07:17	
Toluene	<0.588	50.0	52.5	105	51.4	103	86-121	2	20	ug/kg	04/19/13 07:17	
trans-1,2-Dichloroethene	<0.780	50.0	53.1	106	51.8	104	72-132	2	20	ug/kg	04/19/13 07:17	
trans-1,3-Dichloropropene	<0.670	50.0	49.4	99	50.6	101	82-132	2	20	ug/kg	04/19/13 07:17	

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 911846 Matrix: Solid Date Prep: 04/19/2013
MB Sample Id: 636901-1-BLK LCS Sample Id: 636901-1-BKS LCSD Sample Id: 636901-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	52.9	106	51.5	103	80-126	3	20	ug/kg	04/19/13 07:17	
Trichlorofluoromethane	<3.51	50.0	53.2	106	50.4	101	55-155	5	20	ug/kg	04/19/13 07:17	
Vinyl chloride	<2.01	50.0	47.8	96	41.9	84	70-130	13	20	ug/kg	04/19/13 07:17	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	87		88		91		50-150	%	04/19/13 07:17
4-Bromofluorobenzene	99		95		95		57-158	%	04/19/13 07:17
Toluene-D8	100		98		99		50-150	%	04/19/13 07:17

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 911841 Matrix: Solid Date Prep: 04/19/2013
MB Sample Id: 636906-1-BLK LCS Sample Id: 636906-1-BKS LCSD Sample Id: 636906-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<1.04	50.0	58.3	117	56.4	113	78-144	3	20	ug/kg	04/19/13 08:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	82		86		87		50-150	%	04/19/13 08:20
4-Bromofluorobenzene	98		99		101		57-158	%	04/19/13 08:20
Toluene-D8	101		106		106		50-150	%	04/19/13 08:20

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 911634 Matrix: Ground Water Date Prep: 04/17/2013
Parent Sample Id: 461267-001 MS Sample Id: 461267-001 S MSD Sample Id: 461267-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.34	50	54	108	50	100	63-149	8	20	ug/L	04/17/13 18:25	
1,1,2,2-Tetrachloroethane	<2.0	50	48	96	47	94	58-140	2	20	ug/L	04/17/13 18:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.97	50	40	80	46	92	42-156	14	20	ug/L	04/17/13 18:25	
1,1,2-Trichloroethane	<0.88	50	51	102	48	96	49-140	6	20	ug/L	04/17/13 18:25	
1,1-Dichloroethane	<0.74	50	55	110	50	100	67-136	10	20	ug/L	04/17/13 18:25	
1,1-Dichloroethene	<0.98	50	55	110	50	100	52-141	10	20	ug/L	04/17/13 18:25	
1,2,3-Trichlorobenzene	<2.6	50	44	88	43	86	50-131	2	20	ug/L	04/17/13 18:25	
1,2,4-Trichlorobenzene	<1.3	50	50	100	47	94	51-125	6	20	ug/L	04/17/13 18:25	
1,2-Dibromo-3-chloropropane (DBCP)	<2.8	50	47	94	45	90	43-155	4	20	ug/L	04/17/13 18:25	
1,2-Dibromoethane (EDB)	<0.79	50	50	100	48	96	66-136	4	20	ug/L	04/17/13 18:25	
1,2-Dichlorobenzene	<0.73	50	50	100	46	92	70-124	8	20	ug/L	04/17/13 18:25	
1,2-Dichloroethane	<0.82	50	52	104	48	96	71-143	8	20	ug/L	04/17/13 18:25	
1,2-Dichloropropane	<0.81	50	58	116	54	108	74-125	7	20	ug/L	04/17/13 18:25	
1,3-Dichlorobenzene	<0.74	50	50	100	46	92	73-123	8	20	ug/L	04/17/13 18:25	
1,4-Dichlorobenzene	<0.59	50	50	100	46	92	74-116	8	20	ug/L	04/17/13 18:25	
2-Butanone (MEK)	<1.3	100	110	110	110	110	43-155	0	20	ug/L	04/17/13 18:25	
2-Hexanone	<2.5	100	94	94	91	91	52-148	3	20	ug/L	04/17/13 18:25	
4-Methyl-2-pentanone (MIBK)	<2.2	100	100	100	100	100	61-141	0	20	ug/L	04/17/13 18:25	
Acetone	<1.4	100	93	93	94	94	40-140	1	20	ug/L	04/17/13 18:25	
Benzene	<0.67	50	56	112	52	104	78-117	7	20	ug/L	04/17/13 18:25	
Bromochloromethane	<0.47	50	58	116	54	108	65-127	7	20	ug/L	04/17/13 18:25	
Bromodichloromethane	<0.96	50	55	110	50	100	71-133	10	20	ug/L	04/17/13 18:25	
Bromoform	<1.4	50	48	96	44	88	55-129	9	20	ug/L	04/17/13 18:25	
Bromomethane	<2.7	50	53	106	47	94	49-157	12	20	ug/L	04/17/13 18:25	
Carbon disulfide	<0.73	50	46	92	48	96	31-142	4	20	ug/L	04/17/13 18:25	
Carbon tetrachloride	<0.89	50	54	108	47	94	63-152	14	20	ug/L	04/17/13 18:25	
Chlorobenzene	<0.59	50	50	100	46	92	75-117	8	20	ug/L	04/17/13 18:25	
Chloroethane	<0.23	50	57	114	49	98	49-147	15	20	ug/L	04/17/13 18:25	
Chloroform	<1.4	50	55	110	50	100	67-136	10	20	ug/L	04/17/13 18:25	
Chloromethane	<1.2	50	50	100	44	88	35-162	13	20	ug/L	04/17/13 18:25	
cis-1,2-Dichloroethene	<0.80	50	56	112	52	104	64-132	7	20	ug/L	04/17/13 18:25	
cis-1,3-Dichloropropene	<0.76	50	56	112	48	96	69-116	15	20	ug/L	04/17/13 18:25	
Cyclohexane	<0.99	50	42	84	39	78	59-141	7	20	ug/L	04/17/13 18:25	
Dibromochloromethane	<0.79	50	50	100	45	90	54-144	11	20	ug/L	04/17/13 18:25	
Dichlorodifluoromethane	<0.73	50	47	94	41	82	26-171	14	20	ug/L	04/17/13 18:25	
Ethylbenzene	<0.66	50	50	100	46	92	74-131	8	20	ug/L	04/17/13 18:25	
Isopropylbenzene	<1.0	50	50	100	47	94	63-133	6	20	ug/L	04/17/13 18:25	
m,p-Xylenes	<1.2	100	100	100	92	92	67-134	8	20	ug/L	04/17/13 18:25	
Methyl acetate	<0.15	50	43	86	41	82	65-135	5	20	ug/L	04/17/13 18:25	
Methyl tert-butyl ether	<0.62	100	100	100	98	98	51-156	2	20	ug/L	04/17/13 18:25	
Methylcyclohexane	<0.76	50	54	108	50	100	62-123	8	20	ug/L	04/17/13 18:25	
Methylene chloride	<0.92	50	55	110	50	100	52-165	10	20	ug/L	04/17/13 18:25	
Naphthalene	<4.0	50	43	86	44	88	31-151	2	20	ug/L	04/17/13 18:25	
o-Xylene	<0.57	50	50	100	46	92	70-125	8	20	ug/L	04/17/13 18:25	
Styrene	<0.56	50	50	100	46	92	42-145	8	20	ug/L	04/17/13 18:25	
Tetrachloroethene	<1.8	50	51	102	47	94	57-132	8	20	ug/L	04/17/13 18:25	
Toluene	<0.68	50	51	102	47	94	76-119	8	20	ug/L	04/17/13 18:25	
trans-1,2-Dichloroethene	<0.73	50	57	114	51	102	46-152	11	20	ug/L	04/17/13 18:25	
trans-1,3-Dichloropropene	<0.84	50	48	96	41	82	60-132	16	20	ug/L	04/17/13 18:25	

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 911634 Matrix: Ground Water Date Prep: 04/17/2013

Parent Sample Id: 461267-001 MS Sample Id: 461267-001 S MSD Sample Id: 461267-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.72	50	57	114	52	104	77-120	9	20	ug/L	04/17/13 18:25	
Trichlorofluoromethane	<0.85	50	52	104	47	94	47-165	10	20	ug/L	04/17/13 18:25	
Vinyl chloride	<0.15	50	55	110	48	96	43-148	14	20	ug/L	04/17/13 18:25	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	89		88		53-159	%	04/17/13 18:25
4-Bromofluorobenzene	100		100		30-186	%	04/17/13 18:25
Toluene-D8	90		90		70-130	%	04/17/13 18:25

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 911846 Matrix: Soil Date Prep: 04/19/2013
Parent Sample Id: 461459-002 MS Sample Id: 461459-002 S MSD Sample Id: 461459-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.751	49.9	49.2	99	47.8	97	62-137	3	20	ug/kg	04/19/13 17:51	
1,1,2,2-Tetrachloroethane	<1.18	49.9	55.7	112	56.7	115	64-128	2	20	ug/kg	04/19/13 17:51	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	49.9	52.9	106	53.6	109	33-177	1	20	ug/kg	04/19/13 17:51	
1,1,2-Trichloroethane	<0.669	49.9	51.4	103	49.4	100	61-130	4	20	ug/kg	04/19/13 17:51	
1,1-Dichloroethane	<0.800	49.9	48.0	96	46.6	95	65-136	3	20	ug/kg	04/19/13 17:51	
1,1-Dichloroethene	<1.16	49.9	53.8	108	51.8	105	33-158	4	20	ug/kg	04/19/13 17:51	
1,2,3-Trichlorobenzene	<0.573	49.9	37.9	76	37.0	75	48-135	2	20	ug/kg	04/19/13 17:51	
1,2,4-Trichlorobenzene	<0.871	49.9	43.2	87	41.2	84	43-139	5	20	ug/kg	04/19/13 17:51	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	49.9	52.9	106	55.1	112	51-130	4	20	ug/kg	04/19/13 17:51	
1,2-Dibromoethane (EDB)	<0.861	49.9	52.2	105	49.5	101	69-132	5	20	ug/kg	04/19/13 17:51	
1,2-Dichlorobenzene	<1.29	49.9	50.0	100	48.9	99	71-120	2	20	ug/kg	04/19/13 17:51	
1,2-Dichloroethane	<0.596	49.9	44.1	88	43.6	89	53-140	1	20	ug/kg	04/19/13 17:51	
1,2-Dichloropropane	<0.927	49.9	48.1	96	47.2	96	68-126	2	20	ug/kg	04/19/13 17:51	
1,3-Dichlorobenzene	<0.995	49.9	54.5	109	51.8	105	68-127	5	20	ug/kg	04/19/13 17:51	
1,4-Dichlorobenzene	<0.683	49.9	53.7	108	51.4	104	72-118	4	20	ug/kg	04/19/13 17:51	
2-Butanone (MEK)	<9.09	99.8	98.2	98	103	105	42-147	5	20	ug/kg	04/19/13 17:51	
2-Hexanone	<1.13	99.8	99.8	100	111	113	32-142	11	20	ug/kg	04/19/13 17:51	
4-Methyl-2-pentanone (MIBK)	<3.23	99.8	95.0	95	104	106	34-149	9	20	ug/kg	04/19/13 17:51	
Acetone	<6.86	99.8	99.8	100	103	105	43-163	3	20	ug/kg	04/19/13 17:51	
Benzene	<0.512	49.9	49.3	99	47.5	97	65-135	4	20	ug/kg	04/19/13 17:51	
Bromochloromethane	<1.00	49.9	50.7	102	49.7	101	66-137	2	20	ug/kg	04/19/13 17:51	
Bromodichloromethane	<0.500	49.9	46.6	93	45.6	93	60-129	2	20	ug/kg	04/19/13 17:51	
Bromoform	<0.957	49.9	58.5	117	58.9	120	48-147	1	20	ug/kg	04/19/13 17:51	
Bromomethane	<2.45	49.9	43.7	88	40.3	82	42-170	8	20	ug/kg	04/19/13 17:51	
Carbon disulfide	<1.45	49.9	50.4	101	47.5	97	40-147	6	20	ug/kg	04/19/13 17:51	
Carbon tetrachloride	<0.741	49.9	50.1	100	48.0	98	54-148	4	20	ug/kg	04/19/13 17:51	
Chlorobenzene	<0.578	49.9	50.9	102	48.0	98	71-117	6	20	ug/kg	04/19/13 17:51	
Chloroethane	<2.44	49.9	51.0	102	45.5	92	44-166	11	20	ug/kg	04/19/13 17:51	
Chloroform	<0.740	49.9	47.1	94	45.5	92	62-127	3	20	ug/kg	04/19/13 17:51	
Chloromethane	<2.30	49.9	46.7	94	42.9	87	34-157	8	20	ug/kg	04/19/13 17:51	
cis-1,2-Dichloroethene	<0.661	49.9	49.7	100	48.8	99	41-155	2	20	ug/kg	04/19/13 17:51	
cis-1,3-Dichloropropene	<0.538	49.9	48.7	98	47.9	97	63-128	2	20	ug/kg	04/19/13 17:51	
Cyclohexane	<0.943	49.9	41.0	82	48.8	99	53-145	17	20	ug/kg	04/19/13 17:51	
Dibromochloromethane	<0.992	49.9	50.2	101	48.4	98	59-135	4	20	ug/kg	04/19/13 17:51	
Dichlorodifluoromethane	<1.18	49.9	33.6	67	31.6	64	16-171	6	20	ug/kg	04/19/13 17:51	
Ethylbenzene	<0.564	49.9	51.9	104	49.6	101	65-139	5	20	ug/kg	04/19/13 17:51	
Isopropylbenzene	<0.757	49.9	60.1	120	57.6	117	62-133	4	20	ug/kg	04/19/13 17:51	
m,p-Xylenes	<1.21	99.8	105	105	98.9	101	69-130	6	20	ug/kg	04/19/13 17:51	
Methyl acetate	<0.944	49.9	47.4	95	52.5	107	20-170	10	20	ug/kg	04/19/13 17:51	
Methyl tert-butyl ether	<0.692	99.8	88.6	89	88.1	90	48-169	1	20	ug/kg	04/19/13 17:51	
Methylcyclohexane	<1.09	49.9	52.9	106	48.5	99	57-149	9	20	ug/kg	04/19/13 17:51	
Methylene chloride	<2.16	49.9	59.6	119	58.3	118	17-184	2	20	ug/kg	04/19/13 17:51	
Naphthalene	<1.30	49.9	43.2	87	44.5	90	27-157	3	20	ug/kg	04/19/13 17:51	
o-Xylene	<0.715	49.9	51.0	102	48.3	98	71-124	5	20	ug/kg	04/19/13 17:51	
Styrene	<0.741	49.9	51.0	102	48.7	99	50-143	5	20	ug/kg	04/19/13 17:51	
Tetrachloroethene	<1.03	49.9	58.0	116	55.0	112	42-156	5	20	ug/kg	04/19/13 17:51	
Toluene	<0.587	49.9	52.9	106	49.4	100	65-128	7	20	ug/kg	04/19/13 17:51	
trans-1,2-Dichloroethene	<0.778	49.9	51.6	103	50.3	102	57-143	3	20	ug/kg	04/19/13 17:51	
trans-1,3-Dichloropropene	<0.669	49.9	50.7	102	47.6	97	55-141	6	20	ug/kg	04/19/13 17:51	

QC Summary 461284

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 911846 Matrix: Soil Date Prep: 04/19/2013

Parent Sample Id: 461459-002 MS Sample Id: 461459-002 S MSD Sample Id: 461459-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.706	49.9	51.8	104	49.6	101	39-150	4	20	ug/kg	04/19/13 17:51	
Trichlorofluoromethane	<3.51	49.9	51.0	102	48.4	98	34-179	5	20	ug/kg	04/19/13 17:51	
Vinyl chloride	<2.00	49.9	46.0	92	38.8	79	40-161	17	20	ug/kg	04/19/13 17:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	89		89		50-150	%	04/19/13 17:51
4-Bromofluorobenzene	103		106		57-158	%	04/19/13 17:51
Toluene-D8	103		100		50-150	%	04/19/13 17:51

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262253 Page 1 of 2

Company-City: Atlanta Environmental Management Inc. **Phone:** (404) 329-9026

Lab Only: WO# 1281 4

Proj Name-Location: ARAMARK - DeKalb ☒ Previously done at XENCO **Project ID:**

TAT: ~~ASAP~~ 5h 12h 24h 48h 3d 5d 7d ~~10d~~ 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data. Standard

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Michael Brech / Leona Miles

e-Mail Results to ☒ PM or leona-miles@gem-net.com **Fax No:** (404) 329-2057

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA VRP QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: ~~Brownfields~~

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tony L Gordon Signature: Tony L Gordon

	Sample ID	Sampling Date	Time	Depth ft" In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List (8260B)	BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	HOLD	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Addn: Date Rcv by: From:	
1	SB-17 (2')	4/15/13	0925	2'	S		X	4	C	40/2	H2O MeOH	X										X						1
2	SB-17 (8')	4/15/13	1005	8'	S		X	4	C	40/2	H2O MeOH	X										X						2
3	SB-18 (2')	4/15/13	1020	2'	S		X	4	C	40/2	H2O MeOH	X										X						3
4	SB-18 (8')	4/15/13	1045	8	S		X	4	C	40/2	H2O MeOH											X						4
5	SB-19 (2')	4/15/13	1055	2'	S		X	4	C	40/2	H2O MeOH	X										X						5
6	SB-19 (9')	4/15/13	1110	9'	S		X	4	C	40/2	H2O MeOH	X										X						6
7	SB-20 (2')	4/15/13	1225	2'	S		X	4	C	40/2	H2O MeOH	X										X						7
8	SB-20 (8')	4/15/13	1320	8'	S		X	4	C	40/2	H2O MeOH	X										X						8
9	SB-21 (2')	4/15/13	1330	2'	S		X	4	C	40/2	H2O MeOH	X										X						9
10	SB-21 (8')	4/15/13	1340	8'	S		X	4	C	40/2	H2O MeOH	X										X						10

Doz 4/19/13

OFF HOLD
Rush - ASAP

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tony L Gordon (AEM)	4/15/13 1640	2) Paul Konstantyn	4/15/13 1640
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 2.5 °C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

Final 1.000

XENCO Laboratories

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262254 Page 2 of 2

Company-City: Atlantic Environmental Management, Inc **Phone:** (404) 329-9006

Lab Only: WO#461284.

Proj Name-Location: ☒ Previously done at XENCO Aramark Dekalb **Project ID:**

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Michael Brach / Leena Miles

e-Mail Results to ☒ PM or leena-miles@aem-nd.com **Fax No:**

Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER: VRP

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: Tony L Gordon Signature: Tony L Gordon

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	BTEX-MTBE EtOH Oxyg VOHs VOAs (8260B)	VOCs Full-List	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	
1	SB-22 (2')	4/15/13	1350	2'	S		X	4	4oz/2oz	C	H2O w/CH	X										X				1
2	SB-22 (9')	4/15/13	1400	9'	S		X	4	4oz/2oz	C	H2O w/ch	X										X				2
3																										3
4	Trip Blank	—	—	—			X	2	40	C	HCL	X														4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10

HOLD

OFF HOLD
RUSH ASAP
4/19/13

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Tony L Gordon (TLG)	4/15/13 1640	2) Rick Ramsey	4/15/13 1640
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 2.5°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Atlanta Environmental Management

Date/ Time Received: 04/15/2013 04:40:00 PM

Work Order #: 461284

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.5	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Note: Soil VOCs submitted in pre-weighed DI Water Vials. Frozen upon receipt at the lab.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 04/16/2013

Checklist reviewed by: David C. Fuller Date: 04/19/2013

Analytical Report 461770

for

Atlanta Environmental Management

Project Manager: Leona Miles

Aramark - Dekalb (Dekalb Ave)

1133-1301-2

25-APR-13

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

25-APR-13

Project Manager: **Leona Miles**
Atlanta Environmental Management
2580 Northeast Expressway
Atlanta, GA 30345

Reference: XENCO Report No(s): **461770**
Aramark - Dekalb (Dekalb Ave)
Project Address: GA

Leona Miles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 461770. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 461770 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-23	S	04-22-13 13:35	- 10 ft	461770-001
SB-24	S	04-22-13 13:40	- 6 ft	461770-002
SB-25	S	04-22-13 13:43	- 8 ft	461770-003

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-911996 VOCs by SW-846 8260B

The responses of one or more internals were outside the QC criteria for sample 461770-001. The sample was re-run and results were confirmed

Hits Summary 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-23**	Matrix:	**Soil**	% Moisture:	**35.14**
Lab Sample Id:	**461770-001**	Date Collected:	**04.22.13 13.35**	Basis:	**Dry Weight**
Sample Depth:	**10 ft**	Date Received:	**04.23.13 14.17**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 911996 Date Prep: 04.23.13 06.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	272	ug/kg	04.23.13 16.26		1

Hits Summary 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-24**	Matrix:	**Soil**	% Moisture:	**21.95**
Lab Sample Id:	**461770-002**	Date Collected:	**04.22.13 13.40**	Basis:	**Dry Weight**
Sample Depth:	**6 ft**	Date Received:	**04.23.13 14.17**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 911996 Date Prep: 04.23.13 06.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	14.6	ug/kg	04.23.13 15.35		1

Hits Summary 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id:	**SB-25**	Matrix:	**Soil**	% Moisture:	**22.35**
Lab Sample Id:	**461770-003**	Date Collected:	**04.22.13 13.43**	Basis:	**Dry Weight**
Sample Depth:	**8 ft**	Date Received:	**04.23.13 14.17**		

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 911996 Date Prep: 04.23.13 06.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	60.8	ug/kg	04.23.13 16.00		1

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Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-23** Matrix: Soil Date Received: 04.23.13 14.17

Lab Sample Id: **461770-001** Date Collected: 04.22.13 13.35 **Sample Depth:** 10 ft

Analytical Method: **Percent Moisture**

Tech: BLF % Moisture:

Analyst: NIV Basis: Wet Weight

Seq Number: 912068

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Percent Moisture	TMOIST	**35.1**	0.100	%	04.23.13 12.50		1

Certificate of Analytical Results 461770

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-23** | Matrix: Soil | Date Received: 04.23.13 14.17
Lab Sample Id: **461770-001** | Date Collected: 04.22.13 13.35 | **Sample Depth:** 10 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035
Tech: BAT | % Moisture: 35.14
Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight
Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,1,2-Trichloroethane	79-00-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,1-Dichloroethane	75-34-3	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,1-Dichloroethene	75-35-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2-Dichlorobenzene	95-50-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2-Dichloroethane	107-06-2	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,2-Dichloropropane	78-87-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,3-Dichlorobenzene	541-73-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
1,4-Dichlorobenzene	106-46-7	BRL	11.5	ug/kg	04.23.13 16.26	U	1
2-Butanone (MEK)	78-93-3	BRL	115	ug/kg	04.23.13 16.26	U	1
2-Hexanone	591-78-6	BRL	115	ug/kg	04.23.13 16.26	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	115	ug/kg	04.23.13 16.26	U	1
Acetone	67-64-1	BRL	115	ug/kg	04.23.13 16.26	U	1
Benzene	71-43-2	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Bromochloromethane	74-97-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Bromodichloromethane	75-27-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Bromoform	75-25-2	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Bromomethane	74-83-9	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Carbon disulfide	75-15-0	BRL	92.3	ug/kg	04.23.13 16.26	U	1
Carbon tetrachloride	56-23-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Chlorobenzene	108-90-7	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Chloroethane	75-00-3	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Chloroform	67-66-3	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Chloromethane	74-87-3	BRL	23.1	ug/kg	04.23.13 16.26	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	11.5	ug/kg	04.23.13 16.26	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Cyclohexane	110-82-7	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Dibromochloromethane	124-48-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Dichlorodifluoromethane	75-71-8	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Ethylbenzene	100-41-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Isopropylbenzene	98-82-8	BRL	11.5	ug/kg	04.23.13 16.26	U	1
m,p-Xylenes	179601-23-1	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Methyl acetate	79-20-9	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Methyl tert-butyl ether	1634-04-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Methylcyclohexane	108-87-2	BRL	11.5	ug/kg	04.23.13 16.26	U	1

Certificate of Analytical Results 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-23** | Matrix: Soil | Date Received: 04.23.13 14.17

Lab Sample Id: **461770-001** | Date Collected: 04.22.13 13.35 | **Sample Depth:** 10 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035

Tech: BAT | % Moisture: 35.14

Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight

Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	46.2	ug/kg	04.23.13 16.26	U	1
Naphthalene	91-20-3	BRL	11.5	ug/kg	04.23.13 16.26	U	1
o-Xylene	95-47-6	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Styrene	100-42-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Tetrachloroethene	127-18-4	**272**	11.5	ug/kg	04.23.13 16.26		1
Toluene	108-88-3	BRL	11.5	ug/kg	04.23.13 16.26	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	11.5	ug/kg	04.23.13 16.26	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Trichloroethene	79-01-6	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Trichlorofluoromethane	75-69-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1
Vinyl chloride	75-01-4	BRL	11.5	ug/kg	04.23.13 16.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	112	%	50-150	04.23.13 16.26	
4-Bromofluorobenzene	460-00-4	158	%	57-158	04.23.13 16.26	
Toluene-D8	2037-26-5	150	%	50-150	04.23.13 16.26	

Certificate of Analytical Results 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-24** Matrix: Soil Date Received: 04.23.13 14.17

Lab Sample Id: **461770-002** Date Collected: 04.22.13 13.40 **Sample Depth:** 6 ft

Analytical Method: **Percent Moisture**

Tech: BLF % Moisture:

Analyst: NIV Basis: Wet Weight

Seq Number: 912068

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Percent Moisture	TMOIST	**22.0**	0.100	%	04.23.13 12.50		1

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XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-24** | Matrix: Soil | Date Received: 04.23.13 14.17
Lab Sample Id: **461770-002** | Date Collected: 04.22.13 13.40 | **Sample Depth:** 6 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035
Tech: BAT | % Moisture: 21.95
Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight
Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,1,2-Trichloroethane	79-00-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,1-Dichloroethane	75-34-3	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,1-Dichloroethene	75-35-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2-Dichlorobenzene	95-50-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2-Dichloroethane	107-06-2	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,2-Dichloropropane	78-87-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,3-Dichlorobenzene	541-73-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
1,4-Dichlorobenzene	106-46-7	BRL	5.27	ug/kg	04.23.13 15.35	U	1
2-Butanone (MEK)	78-93-3	BRL	52.7	ug/kg	04.23.13 15.35	U	1
2-Hexanone	591-78-6	BRL	52.7	ug/kg	04.23.13 15.35	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	52.7	ug/kg	04.23.13 15.35	U	1
Acetone	67-64-1	BRL	52.7	ug/kg	04.23.13 15.35	U	1
Benzene	71-43-2	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Bromochloromethane	74-97-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Bromodichloromethane	75-27-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Bromoform	75-25-2	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Bromomethane	74-83-9	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Carbon disulfide	75-15-0	BRL	42.1	ug/kg	04.23.13 15.35	U	1
Carbon tetrachloride	56-23-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Chlorobenzene	108-90-7	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Chloroethane	75-00-3	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Chloroform	67-66-3	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Chloromethane	74-87-3	BRL	10.5	ug/kg	04.23.13 15.35	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	5.27	ug/kg	04.23.13 15.35	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Cyclohexane	110-82-7	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Dibromochloromethane	124-48-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Dichlorodifluoromethane	75-71-8	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Ethylbenzene	100-41-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Isopropylbenzene	98-82-8	BRL	5.27	ug/kg	04.23.13 15.35	U	1
m,p-Xylenes	179601-23-1	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Methyl acetate	79-20-9	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Methyl tert-butyl ether	1634-04-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Methylcyclohexane	108-87-2	BRL	5.27	ug/kg	04.23.13 15.35	U	1

Certificate of Analytical Results 461770

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-24** | Matrix: Soil | Date Received: 04.23.13 14.17
Lab Sample Id: **461770-002** | Date Collected: 04.22.13 13.40 | **Sample Depth:** 6 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035
Tech: BAT | % Moisture: 21.95
Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight
Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	21.1	ug/kg	04.23.13 15.35	U	1
Naphthalene	91-20-3	BRL	5.27	ug/kg	04.23.13 15.35	U	1
o-Xylene	95-47-6	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Styrene	100-42-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Tetrachloroethene	127-18-4	**14.6**	5.27	ug/kg	04.23.13 15.35		1
Toluene	108-88-3	BRL	5.27	ug/kg	04.23.13 15.35	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	5.27	ug/kg	04.23.13 15.35	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Trichloroethene	79-01-6	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Trichlorofluoromethane	75-69-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1
Vinyl chloride	75-01-4	BRL	5.27	ug/kg	04.23.13 15.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	99	%	50-150	04.23.13 15.35	
4-Bromofluorobenzene	460-00-4	101	%	57-158	04.23.13 15.35	
Toluene-D8	2037-26-5	93	%	50-150	04.23.13 15.35	

Certificate of Analytical Results 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-25** Matrix: Soil Date Received: 04.23.13 14.17

Lab Sample Id: **461770-003** Date Collected: 04.22.13 13.43 **Sample Depth:** 8 ft

Analytical Method: **Percent Moisture**

Tech: BLF % Moisture:

Analyst: NIV Basis: Wet Weight

Seq Number: 912068

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Percent Moisture	TMOIST	**22.4**	0.100	%	04.23.13 12.50		1

Certificate of Analytical Results 461770

XENCO Laboratories
Florida Testing Services, LLC

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-25** | Matrix: Soil | Date Received: 04.23.13 14.17
Lab Sample Id: **461770-003** | Date Collected: 04.22.13 13.43 | **Sample Depth:** 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035
Tech: BAT | % Moisture: 22.35
Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight
Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,1-Dichloroethane	75-34-3	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,1-Dichloroethene	75-35-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2-Dichloroethane	107-06-2	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,2-Dichloropropane	78-87-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	9.39	ug/kg	04.23.13 16.00	U	1
2-Butanone (MEK)	78-93-3	BRL	93.9	ug/kg	04.23.13 16.00	U	1
2-Hexanone	591-78-6	BRL	93.9	ug/kg	04.23.13 16.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	93.9	ug/kg	04.23.13 16.00	U	1
Acetone	67-64-1	BRL	93.9	ug/kg	04.23.13 16.00	U	1
Benzene	71-43-2	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Bromochloromethane	74-97-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Bromodichloromethane	75-27-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Bromoform	75-25-2	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Bromomethane	74-83-9	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Carbon disulfide	75-15-0	BRL	75.1	ug/kg	04.23.13 16.00	U	1
Carbon tetrachloride	56-23-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Chlorobenzene	108-90-7	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Chloroethane	75-00-3	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Chloroform	67-66-3	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Chloromethane	74-87-3	BRL	18.8	ug/kg	04.23.13 16.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	9.39	ug/kg	04.23.13 16.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Cyclohexane	110-82-7	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Dibromochloromethane	124-48-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Ethylbenzene	100-41-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Isopropylbenzene	98-82-8	BRL	9.39	ug/kg	04.23.13 16.00	U	1
m,p-Xylenes	179601-23-1	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Methyl acetate	79-20-9	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Methyl tert-butyl ether	1634-04-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Methylcyclohexane	108-87-2	BRL	9.39	ug/kg	04.23.13 16.00	U	1

Certificate of Analytical Results 461770

Atlanta Environmental Management, Atlanta, GA

Aramark - Dekalb (Dekalb Ave)

Sample Id: **SB-25** | Matrix: Soil | Date Received: 04.23.13 14.17

Lab Sample Id: **461770-003** | Date Collected: 04.22.13 13.43 | **Sample Depth:** 8 ft

Analytical Method: **VOCs by SW-846 8260B** | Prep Method: SW5035

Tech: BAT | % Moisture: 22.35

Analyst: MLA | Date Prep: 04.23.13 06.36 | Basis: Dry Weight

Seq Number: 911996

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methylene chloride	75-09-2	BRL	37.5	ug/kg	04.23.13 16.00	U	1
Naphthalene	91-20-3	BRL	9.39	ug/kg	04.23.13 16.00	U	1
o-Xylene	95-47-6	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Styrene	100-42-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Tetrachloroethene	127-18-4	**60.8**	9.39	ug/kg	04.23.13 16.00		1
Toluene	108-88-3	BRL	9.39	ug/kg	04.23.13 16.00	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	9.39	ug/kg	04.23.13 16.00	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Trichloroethene	79-01-6	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Trichlorofluoromethane	75-69-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1
Vinyl chloride	75-01-4	BRL	9.39	ug/kg	04.23.13 16.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	96	%	50-150	04.23.13 16.00	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.23.13 16.00	
Toluene-D8	2037-26-5	97	%	50-150	04.23.13 16.00	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 461770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **Percent Moisture**

Seq Number: 912068 Matrix: Soil

Parent Sample Id: 461459-001 MD Sample Id: 461459-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	6.02	5.86	3	20	%	04/23/13 12:50	

Analytical Method: **Percent Moisture**

Seq Number: 912068 Matrix: Soil

Parent Sample Id: 461631-007 MD Sample Id: 461631-007 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	30.2	30.7	2	20	%	04/23/13 12:50	

QC Summary 461770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911996 Matrix: Solid Date Prep: 04/23/2013

MB Sample Id: 637000-1-BLK LCS Sample Id: 637000-1-BKS LCSD Sample Id: 637000-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.753	50.0	55.7	111	50.2	100	75-145	10	20	ug/kg	04/23/13 07:54	
1,1,2,2-Tetrachloroethane	<1.19	50.0	48.3	97	53.8	108	78-120	11	20	ug/kg	04/23/13 07:54	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.11	50.0	51.4	103	46.3	93	54-173	10	20	ug/kg	04/23/13 07:54	
1,1,2-Trichloroethane	<0.670	50.0	49.0	98	52.1	104	81-115	6	20	ug/kg	04/23/13 07:54	
1,1-Dichloroethane	<0.802	50.0	51.7	103	50.8	102	73-131	2	20	ug/kg	04/23/13 07:54	
1,1-Dichloroethene	<1.16	50.0	59.1	118	55.2	110	67-144	7	20	ug/kg	04/23/13 07:54	
1,2,3-Trichlorobenzene	<0.574	50.0	59.7	119	60.0	120	59-168	1	20	ug/kg	04/23/13 07:54	
1,2,4-Trichlorobenzene	<0.873	50.0	57.9	116	59.1	118	61-170	2	20	ug/kg	04/23/13 07:54	
1,2-Dibromo-3-chloropropane (DBCP)	<1.62	50.0	51.7	103	58.4	117	62-146	12	20	ug/kg	04/23/13 07:54	
1,2-Dibromoethane (EDB)	<0.863	50.0	49.3	99	53.2	106	81-121	8	20	ug/kg	04/23/13 07:54	
1,2-Dichlorobenzene	<1.29	50.0	52.6	105	52.1	104	70-146	1	20	ug/kg	04/23/13 07:54	
1,2-Dichloroethane	<0.597	50.0	48.9	98	51.6	103	63-150	5	20	ug/kg	04/23/13 07:54	
1,2-Dichloropropane	<0.929	50.0	52.2	104	53.8	108	76-121	3	20	ug/kg	04/23/13 07:54	
1,3-Dichlorobenzene	<0.997	50.0	54.4	109	52.0	104	73-145	5	20	ug/kg	04/23/13 07:54	
1,4-Dichlorobenzene	<0.684	50.0	54.0	108	51.5	103	74-143	5	20	ug/kg	04/23/13 07:54	
2-Butanone (MEK)	<9.11	100	95.0	95	112	112	44-158	16	20	ug/kg	04/23/13 07:54	
2-Hexanone	<1.13	100	96.8	97	114	114	59-154	16	20	ug/kg	04/23/13 07:54	
4-Methyl-2-pentanone (MIBK)	<3.23	100	99.7	100	118	118	65-132	17	20	ug/kg	04/23/13 07:54	
Acetone	<6.88	100	106	106	113	113	43-163	6	20	ug/kg	04/23/13 07:54	
Benzene	<0.513	50.0	53.8	108	52.7	105	82-121	2	20	ug/kg	04/23/13 07:54	
Bromochloromethane	<1.01	50.0	55.6	111	58.2	116	79-126	5	20	ug/kg	04/23/13 07:54	
Bromodichloromethane	<0.501	50.0	51.6	103	52.9	106	80-135	2	20	ug/kg	04/23/13 07:54	
Bromoform	<0.959	50.0	52.7	105	57.6	115	71-135	9	20	ug/kg	04/23/13 07:54	
Bromomethane	<2.46	50.0	49.2	98	47.1	94	51-149	4	20	ug/kg	04/23/13 07:54	
Carbon disulfide	<1.46	50.0	55.9	112	51.6	103	57-151	8	20	ug/kg	04/23/13 07:54	
Carbon tetrachloride	<0.742	50.0	56.6	113	51.7	103	70-156	9	20	ug/kg	04/23/13 07:54	
Chlorobenzene	<0.579	50.0	51.3	103	50.6	101	76-131	1	20	ug/kg	04/23/13 07:54	
Chloroethane	<2.45	50.0	48.6	97	41.4	83	64-131	16	20	ug/kg	04/23/13 07:54	
Chloroform	<0.741	50.0	51.5	103	50.6	101	78-125	2	20	ug/kg	04/23/13 07:54	
Chloromethane	<2.30	50.0	48.8	98	47.2	94	59-127	3	20	ug/kg	04/23/13 07:54	
cis-1,2-Dichloroethene	<0.662	50.0	53.8	108	53.5	107	80-123	1	20	ug/kg	04/23/13 07:54	
cis-1,3-Dichloropropene	<0.539	50.0	53.6	107	56.1	112	87-123	5	20	ug/kg	04/23/13 07:54	
Cyclohexane	<0.945	50.0	47.1	94	55.5	111	58-164	16	20	ug/kg	04/23/13 07:54	
Dibromochloromethane	<0.994	50.0	50.3	101	53.9	108	81-136	7	20	ug/kg	04/23/13 07:54	
Dichlorodifluoromethane	<1.18	50.0	47.5	95	42.2	84	33-161	12	20	ug/kg	04/23/13 07:54	
Ethylbenzene	<0.565	50.0	52.7	105	49.5	99	84-129	6	20	ug/kg	04/23/13 07:54	
Isopropylbenzene	<0.759	50.0	54.8	110	50.3	101	65-153	9	20	ug/kg	04/23/13 07:54	
m,p-Xylenes	<1.21	100	107	107	101	101	75-141	6	20	ug/kg	04/23/13 07:54	
Methyl acetate	<0.946	50.0	49.2	98	49.6	99	45-155	1	20	ug/kg	04/23/13 07:54	
Methyl tert-butyl ether	<0.693	100	96.6	97	103	103	70-131	6	20	ug/kg	04/23/13 07:54	
Methylcyclohexane	<1.09	50.0	58.8	118	54.5	109	39-185	8	20	ug/kg	04/23/13 07:54	
Methylene chloride	<2.17	50.0	55.6	111	59.5	119	65-137	7	20	ug/kg	04/23/13 07:54	
Naphthalene	<1.30	50.0	57.8	116	55.6	111	68-151	4	20	ug/kg	04/23/13 07:54	
o-Xylene	<0.716	50.0	52.8	106	50.3	101	73-141	5	20	ug/kg	04/23/13 07:54	
Styrene	<0.742	50.0	52.8	106	51.4	103	82-129	3	20	ug/kg	04/23/13 07:54	
Tetrachloroethene	<1.04	50.0	56.8	114	51.4	103	78-144	10	20	ug/kg	04/23/13 07:54	
Toluene	<0.588	50.0	52.2	104	49.9	100	86-121	5	20	ug/kg	04/23/13 07:54	
trans-1,2-Dichloroethene	<0.780	50.0	56.6	113	52.2	104	72-132	8	20	ug/kg	04/23/13 07:54	
trans-1,3-Dichloropropene	<0.670	50.0	48.6	97	51.1	102	82-132	5	20	ug/kg	04/23/13 07:54	

QC Summary 461770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911996 Matrix: Solid Date Prep: 04/23/2013

MB Sample Id: 637000-1-BLK LCS Sample Id: 637000-1-BKS LCSD Sample Id: 637000-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.707	50.0	56.1	112	52.9	106	80-126	6	20	ug/kg	04/23/13 07:54	
Trichlorofluoromethane	<3.51	50.0	56.1	112	50.3	101	55-155	11	20	ug/kg	04/23/13 07:54	
Vinyl chloride	<2.01	50.0	48.1	96	48.4	97	70-130	1	20	ug/kg	04/23/13 07:54	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		89		94		50-150	%	04/23/13 07:54
4-Bromofluorobenzene	98		94		96		57-158	%	04/23/13 07:54
Toluene-D8	93		96		93		50-150	%	04/23/13 07:54

QC Summary 461770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 911996 Matrix: Soil Date Prep: 04/23/2013
Parent Sample Id: 461631-006 MS Sample Id: 461631-006 S MSD Sample Id: 461631-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.861	57.2	63.2	110	63.8	112	62-137	1	20	ug/kg	04/23/13 17:45	
1,1,2,2-Tetrachloroethane	<1.36	57.2	59.3	104	57.7	101	64-128	3	20	ug/kg	04/23/13 17:45	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.27	57.2	74.1	130	65.2	114	33-177	13	20	ug/kg	04/23/13 17:45	
1,1,2-Trichloroethane	<0.767	57.2	57.4	100	54.7	96	61-130	5	20	ug/kg	04/23/13 17:45	
1,1-Dichloroethane	<0.918	57.2	59.7	104	59.3	104	65-136	1	20	ug/kg	04/23/13 17:45	
1,1-Dichloroethene	<1.33	57.2	68.7	120	70.2	123	33-158	2	20	ug/kg	04/23/13 17:45	
1,2,3-Trichlorobenzene	<0.657	57.2	63.9	112	59.3	104	48-135	7	20	ug/kg	04/23/13 17:45	
1,2,4-Trichlorobenzene	<0.999	57.2	66.2	116	61.2	107	43-139	8	20	ug/kg	04/23/13 17:45	
1,2-Dibromo-3-chloropropane (DBCP)	<1.85	57.2	63.7	111	63.0	110	51-130	1	20	ug/kg	04/23/13 17:45	
1,2-Dibromoethane (EDB)	<0.987	57.2	57.5	101	56.1	98	69-132	2	20	ug/kg	04/23/13 17:45	
1,2-Dichlorobenzene	<1.48	57.2	58.7	103	57.0	100	71-120	3	20	ug/kg	04/23/13 17:45	
1,2-Dichloroethane	<0.683	57.2	55.7	97	55.4	97	53-140	1	20	ug/kg	04/23/13 17:45	
1,2-Dichloropropane	<1.06	57.2	59.8	105	58.8	103	68-126	2	20	ug/kg	04/23/13 17:45	
1,3-Dichlorobenzene	<1.14	57.2	60.7	106	58.3	102	68-127	4	20	ug/kg	04/23/13 17:45	
1,4-Dichlorobenzene	<0.783	57.2	60.3	105	57.4	101	72-118	5	20	ug/kg	04/23/13 17:45	
2-Butanone (MEK)	<10.4	114	124	109	122	107	42-147	2	20	ug/kg	04/23/13 17:45	
2-Hexanone	<1.29	114	119	104	120	105	32-142	1	20	ug/kg	04/23/13 17:45	
4-Methyl-2-pentanone (MIBK)	<3.70	114	125	110	125	110	34-149	0	20	ug/kg	04/23/13 17:45	
Acetone	<7.87	114	116	102	105	92	43-163	10	20	ug/kg	04/23/13 17:45	
Benzene	<0.587	57.2	60.7	106	59.8	105	65-135	1	20	ug/kg	04/23/13 17:45	
Bromochloromethane	<1.15	57.2	64.3	112	63.5	111	66-137	1	20	ug/kg	04/23/13 17:45	
Bromodichloromethane	<0.573	57.2	57.2	100	56.9	100	60-129	1	20	ug/kg	04/23/13 17:45	
Bromoform	<1.10	57.2	63.7	111	61.1	107	48-147	4	20	ug/kg	04/23/13 17:45	
Bromomethane	<2.81	57.2	59.3	104	59.6	104	42-170	1	20	ug/kg	04/23/13 17:45	
Carbon disulfide	<1.66	57.2	66.6	116	66.5	116	40-147	0	20	ug/kg	04/23/13 17:45	
Carbon tetrachloride	<0.849	57.2	64.1	112	64.1	112	54-148	0	20	ug/kg	04/23/13 17:45	
Chlorobenzene	<0.662	57.2	58.7	103	56.9	100	71-117	3	20	ug/kg	04/23/13 17:45	
Chloroethane	<2.80	57.2	55.4	97	53.9	94	44-166	3	20	ug/kg	04/23/13 17:45	
Chloroform	<0.848	57.2	58.0	101	58.7	103	62-127	1	20	ug/kg	04/23/13 17:45	
Chloromethane	<2.63	57.2	51.6	90	54.4	95	34-157	5	20	ug/kg	04/23/13 17:45	
cis-1,2-Dichloroethene	<0.757	57.2	62.4	109	61.6	108	41-155	1	20	ug/kg	04/23/13 17:45	
cis-1,3-Dichloropropene	<0.617	57.2	60.5	106	58.8	103	63-128	3	20	ug/kg	04/23/13 17:45	
Cyclohexane	<1.08	57.2	52.2	91	60.2	105	53-145	14	20	ug/kg	04/23/13 17:45	
Dibromochloromethane	<1.14	57.2	58.4	102	57.0	100	59-135	2	20	ug/kg	04/23/13 17:45	
Dichlorodifluoromethane	<1.35	57.2	47.9	84	49.2	86	16-171	3	20	ug/kg	04/23/13 17:45	
Ethylbenzene	<0.646	57.2	60.2	105	57.8	101	65-139	4	20	ug/kg	04/23/13 17:45	
Isopropylbenzene	<0.868	57.2	62.5	109	60.4	106	62-133	3	20	ug/kg	04/23/13 17:45	
m,p-Xylenes	<1.38	114	121	106	116	102	69-130	4	20	ug/kg	04/23/13 17:45	
Methyl acetate	<1.08	57.2	55.1	96	54.4	95	20-170	1	20	ug/kg	04/23/13 17:45	
Methyl tert-butyl ether	<0.793	114	115	101	116	102	48-169	1	20	ug/kg	04/23/13 17:45	
Methylcyclohexane	<1.25	57.2	70.2	123	68.6	120	57-149	2	20	ug/kg	04/23/13 17:45	
Methylene chloride	<2.48	57.2	75.5	132	74.8	131	17-184	1	20	ug/kg	04/23/13 17:45	
Naphthalene	<1.49	57.2	63.5	111	62.6	110	27-157	1	20	ug/kg	04/23/13 17:45	
o-Xylene	<0.819	57.2	59.7	104	58.1	102	71-124	3	20	ug/kg	04/23/13 17:45	
Styrene	<0.849	57.2	59.8	105	56.9	100	50-143	5	20	ug/kg	04/23/13 17:45	
Tetrachloroethene	<1.19	57.2	63.7	111	60.9	107	42-156	4	20	ug/kg	04/23/13 17:45	
Toluene	<0.673	57.2	59.1	103	57.0	100	65-128	4	20	ug/kg	04/23/13 17:45	
trans-1,2-Dichloroethene	<0.892	57.2	65.6	115	65.2	114	57-143	1	20	ug/kg	04/23/13 17:45	
trans-1,3-Dichloropropene	<0.767	57.2	56.2	98	54.0	95	55-141	4	20	ug/kg	04/23/13 17:45	

QC Summary 461770

Atlanta Environmental Management

Aramark - Dekalb (Dekalb Ave)

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 911996 Matrix: Soil Date Prep: 04/23/2013

Parent Sample Id: 461631-006 MS Sample Id: 461631-006 S MSD Sample Id: 461631-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Trichloroethene	<0.809	57.2	63.1	110	62.6	110	39-150	1	20	ug/kg	04/23/13 17:45	
Trichlorofluoromethane	<4.02	57.2	66.3	116	66.6	117	34-179	0	20	ug/kg	04/23/13 17:45	
Vinyl chloride	<2.30	57.2	64.7	113	62.4	109	40-161	4	20	ug/kg	04/23/13 17:45	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	90		95		50-150	%	04/23/13 17:45
4-Bromofluorobenzene	97		94		57-158	%	04/23/13 17:45
Toluene-D8	96		95		50-150	%	04/23/13 17:45

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 262114 Page of

Company-City: AEM Inc
Phone: 4043299006
Lab Only: WO# 461770
Proj Name-Location: DeKalb ☐ Previously done at XENCO
Project ID: 1133-1301-2
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM)
e-Mail Results to ☐ PM or leona-miles@aem-net.com
Fax No:
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
Sampler Name: Thomas S Lawrence
Signature: Thomas S Lawrence

Remarks
From:
Rcv by:
Date
Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed			
1	SB-23	4/22/13	1335	10'	S			5	V	V	V	X															1
2	SB-24	4/22/13	1340	6'	S			5	V	V	V	X															2
3	SB-25	4/22/13	1343	8'	S			5	V	V	V	X															3
4																											4
5																											5
6																											6
7																											7
8																											8
9																											9
10																											10

ASAP

4°C

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Thomas S Lawrence Jr	4-23-13/1417	2) Lano Legmar	4/23/13 14:17
3)		4)	
5)		6)	

Total Containers per COC: 15 Cooler Temp:

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Atlanta Environmental Management

Date/ Time Received: 04/23/2013 02:17:00 PM

Work Order #: 461770

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

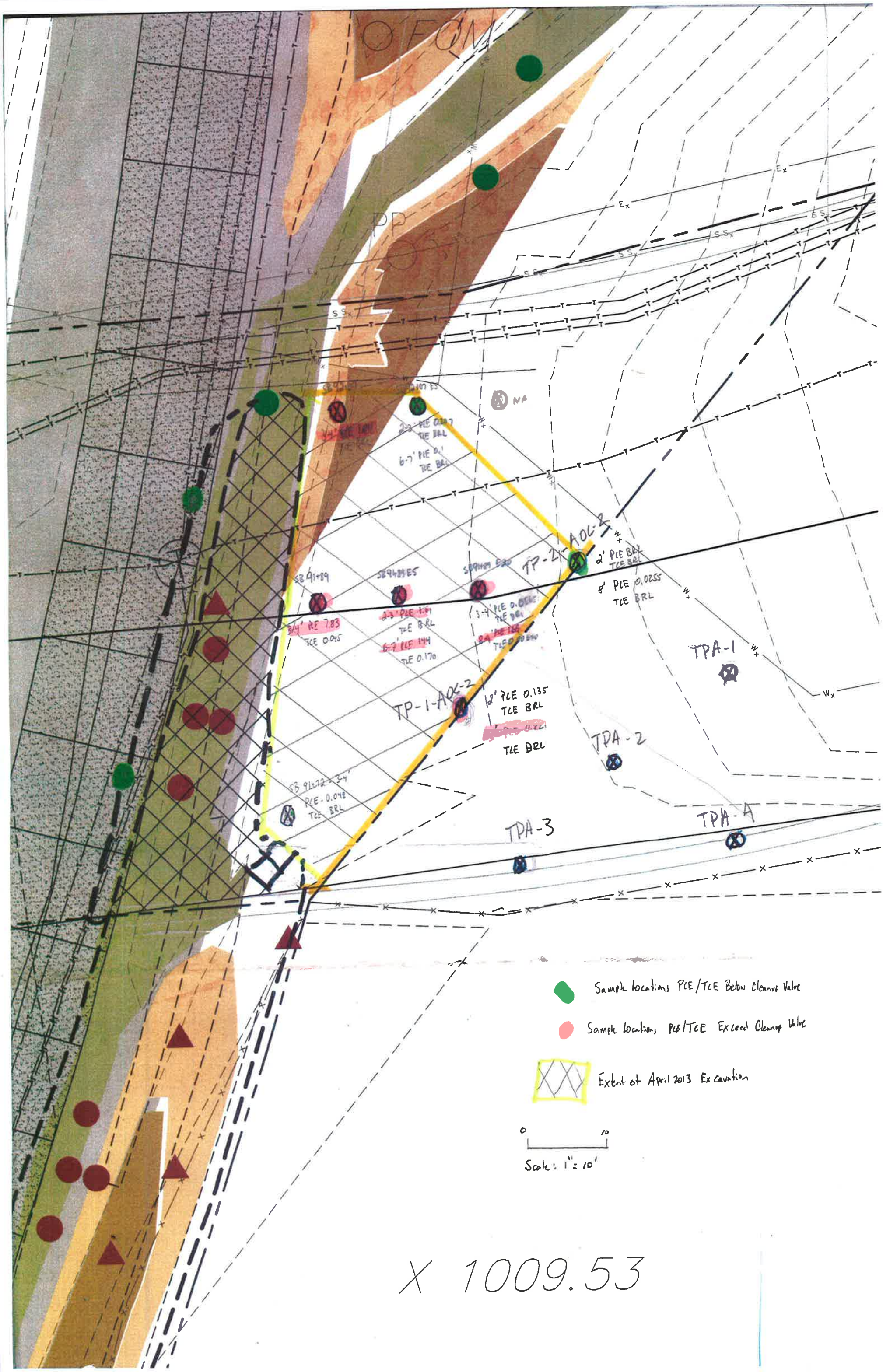
Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 04/23/2013

Checklist reviewed by: David C. Fuller Date: 04/24/2013

ATTACHMENT M

Beltline Sampling and Excavation on City of Atlanta/Beltline Property


TP-2-AOC-2
2' PCE BRL
TCE BRL
8' PCE 0.0255
TCE BRL
TPA-1
TP-1-AOC-2
12' PCE 0.135
TCE BRL
TCE BRL
TPA-2
TPA-3
TPA-4
Sample locations PCE/TCE Below Cleanup Value
Sample locations PCE/TCE Exceed Cleanup Value
Extent of April 2013 Excavation
0
10
Scale: 1" = 10'
X 1009.53

ATTACHMENT N

Response to Select EPD Comments Dated November 20, 2012

Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services

November 20, 2013

Mr. Charles D. Williams
Program Manager
Response and Remediation Program
Environmental Protection Division
Georgia Department of Natural Resources
2 Martin Luther King Jr. Dr. SE, Suite 1154
Atlanta, Georgia 30334-9000

Re: Response to Select EPD Comments Dated November 20, 2012—not previously addressed in May 2013
Voluntary Investigation and Remediation Plan (VIRP) and Application, July 26, 2011, and Supplemental Information Dated July 16, 2012: Notice of Deficiencies
ARAMARK Uniform & Career Apparel, LLC, HSI #10704
Tax Parcel Nos. 14-0020-0001-019-6 and 14-0020-0000-202-4
670 and 690 DeKalb Avenue
Atlanta, Fulton County, Georgia 30312
AEM Project No. 1133-1401

Dear Mr. Williams:

On behalf of ARAMARK Uniform & Career Apparel, LLC (ARAMARK), Atlanta Environmental Management, Inc. (AEM) is responding to select comments presented in the Georgia Environmental Protection Division (EPD) letter dated November 20, 2012, regarding the Voluntary Investigation and Remediation Plan (VIRP) and Application dated July 26, 2011, and supplemental information dated July 16, 2012. As part of the *First Semiannual Progress Report*, dated May 20, 2013, AEM provided responses to select EPD comments. Thus, as part of the *Second Semiannual Progress* Report, AEM is providing responses to select EPD comments not previously addressed. The responses are given according to the order of comments in the letter.

Application

1. Qualifying Properties:

a. General: The subject HSI site*, HSI No. 10704, includes* all *property parcels impacted by soil and/or groundwater contamination at concentrations greater than background concentrations. Said parcels are subject to applicable Georgia Hazardous Site Response Rules (the Rules), Chapter 391-3-19, including corrective action requirements, unless said measures are addressed as qualifying properties pursuant to the VRP Act. Therefore, as the full extent of soil (and possibly groundwater) contamination is delineated at the* site*, it may become necessary for the participant to either: 1) propose additional non-qualifying properties for acceptance into the VRP and proceed with appropriate corrective measures pursuant to the approved VIRP or 2) submit a Corrective Action Plan (CAP) for contaminated media at impacted non-qualifying properties.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Gunby Street Property: The supplemental information letter dated July 16, 2012, indicates the property represented by Gunby Street and the associated public right of way, owned by the City of Atlanta, will be added as a qualifying property in the future upon the participants acquisition of written permission from the City of Atlanta to perform corrective actions. Since the referenced property has been demonstrated to have been impacted by the release(s) at HSI 10704 and has been the subject of past remedial actions, the participant must apply to EPD by no later than May 20, 2013 to include the referenced property as a qualifying property under the Act or notify EPD that said property is not included under the Act and submit a Compliance Status Report (CSR) or revised corrective action plan (CAP) pursuant to the Rules as applicable for said property.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

c. Atlanta BeltLine Property (AOC #2): EPD acknowledges that soil contamination cleanup on the adjacent property owned by Atlanta BeltLine Inc. and the Atlanta Development Authority immediately west/northwest of the qualifying property is currently being addressed as Area of Concern #2 (AOC #2) for several properties collectively known as Atlanta BeltLine Properties (ABP) by a Prospective Purchaser Corrective Action Plan (PPCAP) and subsequent amendments submitted pursuant to the Georgia Hazardous Site Reuse and Redevelopment Act (O.C.G.A. 12-8-200; Brownfield Act) and in compliance with the Rules. Therefore, said property is not required to be added as a qualifying property to the VRP application at this time. However, ARAMARK is *considered to be a potential responsible party for the soil and groundwater contamination (if present) at the adjacent AOC #2 of the ABP and could be held responsible for bringing said property into compliance with applicable cleanup standards as a qualifying property under the Act or pursuant to the Rules should: 1) soil corrective action not be completed by the current property owner in accordance with the PPCAP, and/or 2) the site does not qualify for exemption from corrective action and/or compliance certification for groundwater pursuant to §12-8-107(g)(2) of the Act.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

Conceptual Site Model

2. Site Description and Setting: Future submittals must include:

a. A figure or figures that accurately depict the boundaries of all existing occupied structures on: 1) the subject VRP properties, 2) all abutting non-qualifying properties, and 3) any additional non-qualifying properties impacted by past activities and/or releases of regulated substances at the qualifying properties. Note that the boundaries of the qualifying properties and the footprints of the existing structures on the referenced properties are depicted inconsistently on the figures submitted within the VIRP and must be corrected accordingly in future submittals.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. A list of the names and mailing addresses of the current owners of the abutting and additional impacted non-qualifying properties.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

c. A figure or figures depicting all *environmental sampling locations associated with environmental investigations and/or corrective action activities conducted at the* site *(see Comment 1)* regardless of the entity for which said activities were conducted*. Figure 3 (*Historic Sampling Locations*) in the VIRP does not depict* all *historical groundwater sampling locations for which historical groundwater analytical results are summarized on the tables in Attachment D of the VIRP and are referenced in the narratives within the VIRP nor does it include all historic soil or groundwater sampling locations located on AOC #2 of the ABP and must be revised accordingly. For instance, temporary well locations TW-1 through TW-3,* etc. *advanced on the 670 DeKalb Avenue property and abandoned monitoring MW-103D, used to demonstrate vertical delineation of groundwater contamination prior to conducting the soil blending activities in 2010, are not depicted on the referenced figure.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

3. Regulated Substances Released/Constituents of Concern:

a. Future submittals under the VRP must include a table(s) summarizing/listing all *regulated substances* historically *detected in soil and/or groundwater above background concentrations at the site. At least 4 regulated substances (acetone, carbon disulfide, cyclohexane, and 1,1,1-trichloroethane) in addition to the 15 substances listed on the table on page 4-2 of the VIRP have been detected in soil and/or groundwater at the qualifying properties in the past and must be listed on the referenced table. Those substances no longer considered to be constituents of concern (COCs) must be identified with notations regarding the justification for the elimination of said substances as COCs (see Comment 3b below.)*

AEM Response: Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

Further evaluation of COCs will be conducted during the next reporting period. A final list of COCs for soil and groundwater will also be provided at that time.

b. All regulated substances historically detected in soil or groundwater at the site are considered to be constituents of concern (COCs) and subject to delineation and cleanup requirements pursuant to the Act unless it can be demonstrated that specific substances do not contribute to unacceptable exposure to receptors at the site. EPD acknowledges that EPD concurred in a letter dated February 14, 2005 with Brisbane II, LLC's (Brisbane), a previous owner of the qualifying properties, certification that soil was in compliance with Type 1 RRS at the site subsequent to soil excavation

activities conducted adjacent to the former dry cleaning facility on the 670 DeKalb Avenue Property in May 2006. However, said letter did not establish groundwater compliance with any RRS and *analyses of soil samples collected since May 2006 determined soil contamination greater than applicable RRS was still present at the site. Therefore, EPD cannot concur that the additional four regulated substances listed in Comment 3a are not COCs unless soil and groundwater samples collected since May 2006 were analyzed for said substances and those COCs were not detected at concentrations greater than Type 1 RRS. Please establish if that is the case. If not additional soil sampling and analysis will be required at the qualifying properties to establish that said substances are or are not COCs and if they are in compliance with cleanup standards.*

> **AEM Response:** Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

4. Contaminant Sources:

a. All *known onsite or offsite sources of regulated substances detected in soil and/or groundwater samples collected at the site and/or otherwise used to demonstrate achievement of contaminant delineation must be depicted on a figure. For instance, Section 3.4.3 of the VIRP references a former gas station as a source of the petroleum-related aromatic hydrocarbons detected in a groundwater sample collected from temporary well ED-1 on the property north of the qualifying 690 DeKalb Avenue property; however said source is not labeled or shown on any figure provided in the VIRP. In addition, all sources depicted on said figure must be labeled to be consistent with references contained within associated narratives. For instance, four sources/source areas located on the qualifying properties are described and designated as "Source Areas 1 through 4" in Section 3.1 (*Potential Sources and Corrective Actions*) of the VIRP and are thereafter referenced in subsequent narratives by said labels. However, none of the referenced sources are labeled accordingly on any of the figures provided in the VIRP.*

> **AEM Response:** Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Free product, specifically dense non-aqueous phase (DNAPL) in groundwater and *residual free phase regulated substances in soil that has been* historically *indicated based on groundwater analytical results or direct measurement, referenced in Section 3.1 of the VIRP is considered to be a source of contamination at the qualifying properties. Therefore said areas must be referenced as potential sources and depicted on the required figure referenced above. [Note: EPD considers the detection of a substance at concentrations of 1% or greater than its solubility in water to be indicative of the presence of free product in groundwater. Tetrachloroethylene (PCE) has historically been detected at concentrations greater than 1% of solubility (approximately 2,060 µg/L) in groundwater samples collected from temporary monitoring wells TW-1, TMW-1, TMW-2, TMW-01, and TMW-02 and former permanent monitoring wells MW-101, MW-301, MW-302, MW-303, and MW-408.]*

> **AEM Response:** Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

5. Release, Response, and Remedial Action History (VIRP Sections 1.2 and 2.0): To expedite EPD review, please include a brief summary in bulleted *format, by date, of major site operational and*

*environmental investigation and/or remedial actions (*i.e.*, release discovery, source removal activities,* etc.*) conducted at the* site *to date rather than scattering said information throughout the narratives in multiple sections of future submittals. Note that conclusions regarding remedial efforts, such as,* "the permanganate blending successfully remediated the affected soil at these locations,..." *in the second paragraph of page 2-2 of the VIRP should include a short comparison of documented COC concentration ranges to applicable cleanup standards as justification for said conclusions.*

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

6. Soil Conditions:

a. Please note that for the purposes of demonstrating achievement of soil COC delineation and compliance with soil cleanup standards, the definition of soil is limited to materials located above the uppermost groundwater zone within the vadose zone. It appears that based on the reported depths to groundwater in Section 3.4.3 of the VIRP, several of the soil samples for which analytical data was tabulated in the VIRP may *have been collected beneath the water table and/or within the zone of fluctuation and should be identified as such on tables and figures on which soil sampling locations and/or soil sample analytical results are depicted or summarized and said analytical results should not be considered for the referenced purposes.*

AEM Response: Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

Note that some areas are under semiconfined conditions. In some instances when soil samples are collected, the water table rises above the sample locations when the borehole is extended beyond the bottom of the semiconfining unit.

b. Soil conditions must be established for the entire site *(see Comment 1), including currently non-qualifying properties, regardless of the regulatory program (*i.e.*, the Brownfield Unit of EPD) under which corrective measures will be, or have been, conducted and the entity implementing the corrective measures.*

AEM Response: Figure 1 of the *Second Semiannual Progress Report* provides the current extent of soil impacts exceeding Type 1 RRS for the entire Site. Figure L-1 in Attachment L presents the extent of soil excavated north and west of the Site on the Beltline property and City of Atlanta property.

i. Although corrective measures for impacted soil on the adjacent AOC #2 of the ABP are to be conducted by the current owners of said property, the VRP participant must demonstrate that soil contamination related to the release(s) at HSI 10704 has been delineated and all soil sampling locations and analytical results acquired at the referenced property must be summarized on tables and figures provided in future progress reports. Said information was not provided in the VIRP.

AEM Response: See Attachments C and D of the *First Semiannual Progress Report*, dated May 20, 2013. ARAMARK has requested Atlanta Beltline to provide additional analytical data. This information will be provided when it has been provided by ABP.

ii. All *historical and recent soil analytical results from the time of the* initial *release discovery forward must be summarized in tabular format with appropriate notations regarding the status of the soil represented by the samples (*i.e.*, excavated soil, sample collected below the water table,* etc.*). It appears that the soil analytical summary tables in Attachment C did not include* all *soil samples collected at the site.*

AEM Response: Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

iii. A figure summarizing current soil conditions at the *site* must be provided in future progress reports and the final Compliance Status Report (CSR) submitted for the qualifying properties. The delineated extent of contamination must be depicted using isoconcentration contour lines representative of delineation standards and analytical results for all soil remaining *in-situ* must be tabulated adjacent to sample locations on said figure.

AEM Response: Figure 1 of the *Second Semiannual Progress Report* provides the current extent of soil impacts exceeding Type 1 RRS for the entire Site. Figure L-1 in Attachment L presents the extent of soil excavated north and west of the Site on the Beltline property and City of Atlanta property

*c. The origin of the fill material piled on the 690 DeKalb Avenue property (Parcel 14-0020-0000-202-4), and potentially on the non-qualifying property at 684 DeKalb Avenue property (Parcel 14-0020-0002-001-3), referenced in Section 1.2 of the VIRP, must be identified and characterized based on the source (if known) and/or composition (*i.e.*, observed potential contaminant sources,* etc.*) of the fill. The location and approximate thickness of said pile, and sampling locations if any, of fill must be depicted on a site map, and cross-sections, relative to current or past site features.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

7. Groundwater Conditions:

a. Monitoring Well Construction Details:

i. Tables summarizing well construction details (Table 1 of the VIRP) must include all *monitoring wells, including temporary wells and direct push sampling locations, installed to date in response to the release at the qualifying properties, and adjacent impacted properties (*i.e.*, AOC #2 of the ABP,* etc.*), along with dates of installation and abandonment or destruction, as appropriate. Abandoned or destroyed monitoring wells must also be clearly identified on figures depicting*

*monitoring well locations. It appears that older, abandoned/destroyed monitoring wells are not included on Table 1 (*Monitoring Well Construction Details*), nor are dates of well installation included for existing monitoring wells.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. The aquifer zone monitored by each well must be indicated on the above referenced tables and tables or figures summarizing groundwater analytical results. In past submittals for the qualifying properties, groundwater has been separated into "shallow" and "deeper" aquifer zones.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Groundwater Elevations, Groundwater Flow, and Potentiometric Surface Map:

i. A table summarizing historical and current depths to groundwater and groundwater elevations must be provided as part of the conceptual site model (CSM) in the VIRP. It is also preferred that well screen interval depths and/or elevations be included on said table.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. The CSM must include, at a minimum, a potentiometric surface map that represents the water table surface during the most recent *groundwater sampling event. Additional potentiometric surface maps may be provided as deemed necessary by the groundwater scientist in charge of the project. The potentiometric surface map provided in the VIRP (Figure 7) was constructed using data acquired on June 14, 2008, approximately three years prior to the most recent groundwater sampling event conducted in June 2011. An arrow(s) indicating groundwater flow direction(s) must also be shown on the potentiometric surface map.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

c. Field Procedures:

*i. Groundwater Purging/Sampling: Section 2.2.2 of the VIRP describes the groundwater purging and sampling procedures used during the most recent groundwater sampling events conducted at the qualifying properties. However, field groundwater purging/sampling records were not provided in the VIRP and as such, EPD is not able to determine if said procedures were conducted in accordance with EPA Region 4 Science and Ecosystem Support System (SESD) Groundwater Sampling Operating Procedures (*SESDPROC-301-R1*; November 1, 2007) in effect at the time. Future submittals must include copies of said records for the most recent groundwater sampling event documented within them.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. Equipment Decontamination: Field equipment decontamination procedures must be in accordance with current SESD Operating Procedures for Field Equipment Cleaning and Decontamination (SESDPROC-205-R1*, November 1, 2007) or justification must be provided for deviations from said procedures. Section 2.2.2 of the VIRP indicates distilled water was used as a final rinse in decontamination of the electronic water-level gauge used for water level measurements. Since decontamination procedures for reusable groundwater sampling equipment was not discussed in the VIRP, it is assumed that distilled water may have been used as a final rinse for said equipment. Please not that said procedure is not consistent with the current SESD* Operating Procedures for Field Equipment Cleaning and Decontamination (SESDPROC-205-R1*; November 1, 2007) when sampling for trace organic compounds. Said procedures require the use of* organic-free de-ionized *water as a final rinse since traces of regulated substances may be present in distilled water.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

d. Analytical Summary Tables and Figures:

i. It does not appear that the groundwater analytical summary tables in Attachment D include all *historical groundwater analytical data, including direct push technology sampling locations, available for the* site *(see Comment 1). Please review and revise the referenced tables as necessary to include any missing historical groundwater analytical data for the* site*.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

*ii. Past submittals for the site have indicated there are multiple zones within the shallow unconsolidated aquifer that have been historically monitored by monitoring wells installed at the site. Figure 8 [*Groundwater Sampling Results and Extent of PCE in Groundwater (June 2011)*] appears to summarize groundwater analytical results for PCE from monitoring wells screened across both the water table* and *those with screens submerged below the water table. Please summarize groundwater analytical results for groundwater monitoring wells screened across the water table and those monitoring wells with deeper (submerged) screened intervals on separate figures. The extent of each COC greater than applicable delineation standards must be depicted using isoconcentration contour lines representative of the specific COC delineation standards on the referenced figure.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

8. Cross-Sections: The following comments are specific to the two cross-sections provided as Figures 4 and 5 in the VIRP:

*a. Although the legend and the cross-section inset maps identify property parcel boundaries, limits of corrective action (*i.e.*, the Brisbane II soil excavation area, soil blending area, etc.) and other features (past surface drainage features,* etc.*) that may have acted as contaminant source areas, preferential migration pathways, and/or points of exposure are not depicted on the cross-sections.*

*In addition, features that are known or suspected to inhibit or prevent migration (*i.e.*, aquitards,* etc.*) of contaminants should also be depicted on the cross-sections.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. All soil sampling locations, including depths, must be clearly identified on the cross sections. In addition, analytical results for all *soil sample locations lying within the plane of a cross section* must *be summarized on the applicable cross sections. Soil analytical data no longer considered representative of current subsurface conditions, such as those sampling locations that have been excavated and/or were within those soils disturbed by the soil blending activities, should be clearly identified through the use of symbols or colors that are clearly defined in the figure legends.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*. Additionally, select cross sections were updated with the addition of the new monitoring wells and soil borings installed between May 2013 and November 2013.

c. At a minimum, analytical results for groundwater samples collected within the plane of a cross section during the most recent sampling event must be summarized on the applicable cross section(s).

AEM Response: The cross sections have been revised to include groundwater analytical data for each VOC detected (PCE and cis-1,2-DCE) during July 2013 (see Attachment F of the *Second Semiannual Progress Report*).

d. The extent of soil and groundwater contamination exceeding delineation standards and target cleanup standards (if applicable) must be shown on all cross sections using isoconcentration contour lines representative of the referenced values.

AEM Response: Isoconcentration contour lines for PCE and TCE in soil and groundwater have been added to all cross sections (see Attachment F of the *Second Semiannual Progress Report*).

e. The water table as determined for the most recent *groundwater sampling event must be shown on* all *cross sections. The water table shown on Cross Section A–A' (Figure 4) is for May 7, 2003, which was several years prior to the most recent sampling event conducted in June 2011, and the water table is absent on Cross Section B–B' (Figure 5).*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

*f. Cross-section A–A' must be extended to include additional soil and/or groundwater sample locations on the adjacent AOC #2 of the Atlanta BeltLine Properties [*i.e.*, GP-24, GP-36, GP-37, and TW-35,* etc.*]. In addition, both cross-sections must be revised to include all data points that lie within or immediately adjacent to the current planes of cross-sections. For instance, Cross-Section B–B' does not include the SVE-3 locations between GP-1 and DP-106 location nor the TW-1, DS24, and AEM-GP-8 locations between the MW-301 and MW-103/303 locations,* etc.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

g. Cross-section B–B' indicates the CL/ML layer of residual soil beneath surface "fill" material is discontinuous between boring GP-1 and monitoring well MW-301. Please clarify how this was determined since there do not appear to be borings and/or monitoring wells depicted on the cross-section which have boring logs with stratigraphic descriptions supporting the presence of said discontinuity.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

h. The composition of the "Fill" material shown on the two cross-sections must be depicted on the cross-sections based on visual observations and/or geotechnical test results. Soil types/texture *(i.e., silt, clay,* etc.*) within the fill should be provided using standard descriptive terms [*i.e.*, the Unified Soil Classification System (USCS),* etc.*] based on visual observations and/or geotechnical test results. Note that the term "Fill", indicates an origin and does not indicate the composition of the fill material.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

i. The conceptual Block Diagram presented as Figure 6 of the VIRP depicts depths to bedrock beneath residual soils and fill at the site. If bedrock was encountered in any boring advanced at the site, it must be depicted on at least one cross-section. In addition, the updated CSM in future progress reports must include a discussion regarding: 1) a description of bedrock based on field observations, 2) depths to bedrock, and 3) relationship of contaminated media and migration pathways in relation to bedrock as applicable.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

Cross-sections must *be revised in future submittals to address the above comments and include additional information acquired since the previous submittal as part of the updated CSM* required *in every future VRP progress report.*

AEM Response: See Attachment F of the *Second Semiannual Progress Report.*

9. Contamination Delineation:

a. Soil: EPD will defer an evaluation regarding the completeness of soil/sediment contamination delineation efforts until comments regarding: 1) regulated substances released *and COCs, 2) proposed delineation and cleanup standards, and 3) revised figures and tables summarizing soil analytical results for the* site (HSI 10704) *have been adequately addressed.*

AEM Response: Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A

present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

b. Groundwater: The following are initial *comments regarding groundwater contaminant delineation efforts conducted at the* site *to date:*

i. Lateral:

- *EPD concurs that the lateral extent of the groundwater contaminant plume remains undefined to the north of the 670 DeKalb Avenue property.*

  AEM Response: As discussed during the August 6, 2013, meeting between EPD and ARAMARK, VOC concentrations in groundwater have declined since the conduct of the interim corrective measures (soil blending) in 2010. A declining trend is observed in the source area and downgradient on the 690 DeKalb parcel. Concentrations of VOCs on the downgradient edge of the property, at monitoring well MW-205, have remained stable.

  AEM stated that, based on the current groundwater conditions showing a declining and/or stable trend, and the fact that there are no off-site drinking water receptors within three miles of the subject property, groundwater would not score under the HSI. Thus, delineation of groundwater would not be necessary as part of the VRP process. Mr. Reuland stated that, if the vapor intrusion analysis for the downgradient apartments was completed and indicated no risk, off-site delineation would not be necessary. The vapor intrusion analysis was prepared as part of the *First Semiannual Progress Report* dated May 20, 2013 and identified no impacts. Additionally, Ms. Daniels requested that all available data be summarized on figures and tables for EPD review.

- *EPD cannot concur that regulated VOCs in groundwater have been delineated to the north of monitoring well MW-403 on the 690 DeKalb Avenue property based on groundwater analytical results acquired from temporary monitoring wells ED-1 through ED-5 in 2005 as stated in Section 3.4.3 of the VRP. Analytical data for groundwater samples collected from temporary sampling locations, including direct push technology (DPT) borings, is not acceptable for use in establishing the extent of groundwater contamination, or compliance with applicable RRS, since said locations cannot be re-sampled for confirmation of past results and/or determination of current groundwater conditions.*

  AEM Response: See comment above.

- *The lateral extent of each impacted aquifer zone (see Comment 7aii) must be evaluated separately and analytical results from the most recent monitoring event summarized by aquifer zone in tabular format and on a site map. The lateral extent of each regulated substance detected in groundwater must be depicted using isoconcentration contour lines on said figures in future submittals.*

  AEM Response: See Figures 6–9 in the *Second Semiannual Progress Report*

ii. Vertical: The groundwater contaminant plume(s) must be delineated both laterally and vertically*. Section 3.4.1 of the VIRP states that* discontinuous *clay layers present in the saprolite at the site appear to restrict the vertical migration of water. However, the narrative does not indicate the groundwater sampling location and associated analytical results that were used to demonstrate that vertical delineation of groundwater contamination has been achieved nor was the vertical extent of the groundwater contaminant plume depicted, using isoconcentration contour lines representative of delineation standards, on the cross-sections provided as Figures 4 and 5. In addition, if there is a hydraulic barrier inhibiting vertical migration of contaminated groundwater at the site, said barrier must be depicted on cross-sections and it must be demonstrated that said barrier was not breeched during the recent soil blending efforts or the vertical extent of groundwater contamination subsequent to said remedial efforts must be established.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

10. Potential Receptors/Exposure Pathways/Exposure Domains:

a. Figures 3 and 9 and narratives in Section 3.5 and Attachment F of the VIRP are not sufficiently specific enough to depict or clearly identify proposed potential receptors, specific exposure pathways, specific points of exposure, and specific exposure domains for contamination at the site. At a minimum each pathway must be identified by: 1) the impacted media, 2) the transport mechanism, 3) the exposure route, 4) the specific receptors for each *pathway, and 5)* justification for decisions regarding the completeness of each pathway*. EPD suggests that potential exposure pathways be depicted on a figure as a "flow-chart" that includes the above information.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Points of exposure/exposure domains for all current and/or future *contaminant exposure pathways evaluated by the VIRP* must *be superimposed on figures depicting:*

i. Current (and most likely future) site *features/structures on qualifying and non-qualifying property boundaries that may act as receptors for vapor intrusion,*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. Current concentrations and delineated boundaries of COCs in soil and/or groundwater, as appropriate, based on the receptor and exposure pathway, including human exposure to indoor contaminant vapor accumulation due to the presence of contaminated soil and/or groundwater.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

iii. Projected maximum concentrations and extent of groundwater contaminants if the groundwater plume has not stabilized for evaluation of the future indoor human exposure to COC vapors pathway.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

c. Although the participant may not be required to perform corrective action or to certify compliance for groundwater at the site, site-specific cleanup standards for soil, if applied, at the qualifying properties must be protective of groundwater standards at an established point of exposure for groundwater *(the soil to groundwater exposure pathway) as defined in §12-8-102(11) of the Act. This will require that said pathway be evaluated based on a POE for groundwater exposure no more than 1,000 ft downgradient of the delineated leading edge of the groundwater contaminant plume. Said POE must be shown on the figures referenced in Comment 10b. [Note: Type 1 through 4 RRS assume a groundwater POE for the referenced pathway located directly beneath the source area.]*

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

d. Definition of exposure domains is critical for the calculation of site-specific cleanup levels and/or representative contaminant concentrations if determined to be necessary at the qualifying property. Pursuant to §12-8-102(b)(6) of the Act, exposure domains are defined as the *"contaminated geographical area or areas of the <u>site</u> that can result in <u>exposure to a specific receptor(s) via a specific exposure pathway</u>" and soil exposure domains for specific receptors are defined for comparison to site-specific cleanup standards in* §12-8-108(5) of the Act. Exposure domains must be defined separately for *<u>each</u>* specific COC and complete pathway, current and future, depicted accordingly on figures referenced in Comment 10a above. *Said domains may not necessarily coincide with each other.* Figures and narratives in future submittals depicting and describing must be revised accordingly in future submittals.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

Note:

i. Exposure domains represent contaminated *areas and the aerial extent of an exposure domain for a specific COC, receptor, and pathway should not extend beyond the* <u>delineated</u> *extent of the specific COC evaluated, based on approved delineation standards, in the affected media evaluated for said receptor and pathway,*

AEM Response: The comment is acknowledged.

*ii. Although remediation of soil contamination in AOC #2 of the ABP is the current responsibility of the current property owner, said contamination must be evaluated to determine if it is contributing to exposures on the qualifying properties (*e.g.*, source area for the soil-to-groundwater pathway) and included within established exposure domains for calculation of representative COC concentrations in soil as appropriate.*

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

iii. Pursuant to §12-8-102(b)(6) of the Act, the exposure domain for exposure of construction workers or underground utility workers is the impacted area of site soils from the ground surface down to the depth of construction. The participant must justify the use of a maximum depth of 4 ft for the exposure domain for onsite and offsite utility and construction workers to impacted soil. It has been EPD's experience that utilities can be buried at, and construction activities extend to, depths greater than 4 ft in the City of Atlanta.

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

*e. The criteria for defining the groundwater COC "hot spots", referenced in the last bulleted item on page 3-8 of the VIRP describing the potentially complete indoor human exposure to COC vapors due to the presence of contaminated groundwater, must be proposed by the participant based on current EPA and industry standards (*i.e.*, specific COC concentration threshold values,* etc.*). The current and projected maximum extent of the groundwater plume exceeding said criteria must be used in establishing current and projected future exposure domains for said pathways.*

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

EPD will defer further evaluation of the completeness of the referenced exposure pathways and domains until: 1) the current extent and projected extent (if necessary) of the groundwater contaminant plume have been established and 2) the results of the vapor intrusion assessment required by Comment 14cii have been submitted.

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals.

Investigation and Remediation Plan

11. Delineation Criteria:

a. Soil: EPD concurs with the use of default, residential cleanup standards (Type 1 Risk Reduction Standards, Type 1 RRS) as the delineation criteria for contaminants detected in soil. The table on page 4-2 of the VIRP summarizes the specific delineation standards for 15 regulated substances detected in soil at the site, which are acceptable to EPD as they are consistent with the soil Type 1 and *3 RRS previously approved for said substances at the qualifying properties by EPD in letters, dated February 14, 2005 (addressed to ARAMARK) and July 28, 2006 (addressed to Brisbane II, LLC).*

AEM Response: No action is necessary.

However:

i. An additional four regulated substances (acetone, carbon disulfide, cyclohexane, and 1,1,1-trichloroethane) were detected in soil and/or groundwater at the site during investigations conducted on behalf of Brisbane II for which EPD approved soil Type 1 and 3 RRS in the July 28, 2006 EPD letter. The referenced table must be revised to include delineation standards for all *historically detected regulated substances in soil and groundwater with appropriate notations regarding delineations and/or compliance status of each of the regulated substances released.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*. Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

ii. EPD <u>did not</u> *evaluate the spreadsheets recalculating soil Type I RRS for 15 regulated substances provided in Attachment E of the VIRP since the final proposed Type 1 RRS listed on the above-referenced table are consistent with the Type 1 soil RRS previously approved by EPD for the* <u>site</u>*. EPD's concurrence with the Type 1 RRS values for soil listed on the referenced VIRP table should not be interpreted as concurrence with the recalculated risk-based human exposure values presented in the referenced calculation spreadsheets, several of which appear to be based on outdated toxicity factors and/or chemical specific physical parameter values.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

a. Groundwater:

i. The VIRP does not state which of the groundwater delineation criteria the participant wishes to apply to the qualifying properties pursuant to §12-8-108(1)A) through (E) of the Act. The concentrations listed for 15 regulated substances in the table presented on page 4-2 of the VIRP are consistent with default, residential cleanup standards (Type 1 RRS) previously approved for the site and are acceptable delineation criteria pursuant to §12-8-108(1)(E) of the Act. The participant must confirm it is their intent to apply said criteria and standards for groundwater delineation at the site. In addition, historical groundwater analytical results must be reviewed to ensure that proposed groundwater delineation standards are included on the referenced table for all historically detected regulated substances (see Comment 3).

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. Site delineation standards must be represented by <u>specific concentration</u> *values. The delineation standards summary table page 4-2 of the VIRP must be revised to specify the concentration values representing the detection limits (DLs) for chloroethane and cumene in groundwater. Please see the definition for detection limits pursuant to §391-3-19-.02(2)(d) of the*

Rules. Analytical practical quantitation limits greater than the standard limits for the analytical methods used are not acceptable as delineation standards.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

12. Cleanup Criteria/Standards:

a. Soil:

i. Section 4.2.1 of the VIRP proposes the Type 1 RRS as the cleanup criteria for soil at the site which is acceptable to EPD since they are deemed to be conservative and protective of all potential receptors for all potentially complete exposure pathways for soil contamination at the site. Please see Comments 3 and 11 for specific discussions regarding additional regulated substances released and associated Type 1 RRS not listed on the table on page 4-2 of the VIRP.

AEM Response: Table A-1 presents a list of all soil borings that have been installed at the ARAMARK property between 1990 and 2013. Tables A-2 through A-21 of Appendix A present the historical detections of VOCs in soil between 1992 and 2010. Figures A-1 through A-8 present a historical depiction of the VOCs in soil over time. Updated figures will be prepared during the next reporting period which identify isoconcentration contours for soil impacts exceeding Type 1 RRSs.

ii. Section 4.2.1 of the VIRP references representative concentrations of COCs in soil for comparison to and determination of compliance with soil Type 1 RRS. Pursuant to §12-8-108(3) representative exposure concentrations are to be compared to <u>site-specific</u> cleanup standards. Since Type 1 (and Type 3) RRS are "default" standards and not "site-specific" standards, representative exposure concentrations for COCs based on area averaging of soil contamination <u>cannot</u> be used to demonstrate compliance with said standards. The use of Type 1 RRS as site cleanup standards require that soil at any point above the water table across the qualifying properties must be brought into compliance with said standards and proposed remedial actions must be revised accordingly. Alternatively, representative exposure concentrations <u>may</u> be used to demonstrate compliance with site-specific cleanup standards (Type 2, Type 4, or Type 5 RRS) for impacted soil at the qualifying properties. Exposure domains used in calculating representative soil contaminant concentrations must be described and established in a restrictive environmental covenant for those properties where representative concentrations are used to establish compliance with cleanup standards. EPD will defer further comments regarding the specific methodology for calculation of representative soil contaminant concentrations until the participant determines that site-specific soil cleanup standards are to be applied at the qualifying properties and calculation of representative concentrations are necessary. To expedite remedial efforts, EPD recommends that the environmental professional overseeing the implementation of the VIRP contact the EPD site compliance officer to discuss specific requirements prior to proceeding with calculation of representative soil contaminant concentrations should they determine that they are necessary to demonstrate compliance with cleanup standards at the qualifying properties.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Groundwater: EPD will defer comments regarding the need or requirement for groundwater cleanup until the contaminant plume has been delineated and the results of an updated receptor survey have been submitted.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

c. Other Source Material (DNAPL): Although the site may *be eligible for removal from the HSI without performing corrective action or certifying compliance for groundwater, source material consisting of DNAPL beneath the water table must be investigated/remediated (see Comments 4b and 14ci). The participant must propose the criteria by which compliance with this requirement will be demonstrated.*

AEM Response: The comment is acknowledged and will be addressed during future Progress Report submittals.

13. Contaminant Delineation Investigation:

a. Soil: The VIRP concludes that further delineation of soil contamination is not required or planned. EPD cannot concur with said conclusion at this time, please see Comment 11 above.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Groundwater: EPD agrees that additional dissolved-phase groundwater contaminant plume delineation must be conducted. However, Section 4.1 of the VIRP does not indicate the specific property parcels on which monitoring wells will be installed and groundwater sampled for said purpose. At a minimum, *delineation investigations must be conducted on non-qualifying properties to the north/northwest of the 670 DeKalb Avenue Property and to the north/northeast of monitoring well MW-403 on the DeKalb Avenue Property.*

AEM Response: See response to comment 9(b)(i). No additional groundwater delineation will be performed at this time.

14. Corrective Action:

a. Soil: Section 4.2.3 of the VIRP indicates that corrective action for those areas of soil containing regulated substances at concentrations greater than Type 1 RRS on the qualifying properties may consist of: 1) treatment or excavation of soil to comply with Type 1 RRS or 2) the application of Type 5 RRS as cleanup standards via *the use of engineering controls, to prevent unacceptable exposure to contaminants for potential future human receptors. If the second option is implemented, a draft of the restrictive covenant required pursuant to §391-3-9-.08(7) of the Rules must be submitted prior to or with submittal of the final CSR for the qualifying properties for EPD approval.*[1]

[1] EPD has established a model environmental covenant which may be accessed on the worldwide web at: http://www.gaepd.org/Files_DOC/forms/hwb/modelcovenant.doc. While the model environmental covenant may be modified to address site-specific information, the certain criteria may not be revised without EPD

AEM Response: The comment is acknowledged.

b. Groundwater:

i. The participant must verify that groundwater is not currently being used as a drinking water source within 3 miles*, not the* 2 miles *referenced in Section 4.1 of the VIRP, of the* contaminant plume boundaries*, which have not been fully delineated, by completing an updated well survey before EPD can concur with the participant's conclusion that neither certification of compliance with applicable RRS or corrective action is required for groundwater pursuant to §12-8-107(g)(2)(g) of the Act. Hydraulic gradient should not be taken into account during the survey due to the assumed historical presence of DNAPL below the water table at the qualifying properties.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. EPD will require the groundwater contaminant plume at the site to be monitored for a period of up to five years subsequent to completion of dissolved contaminant delineation investigations to determine if the plume is stable. Further investigative actions, which could include groundwater contaminant fate and transport modeling (see Comment 14d below), and implementation of appropriate engineering or institutional controls as necessary, will be required should it be determined that the contaminant plume is continuing to migrate resulting in an unacceptable risk to human receptors due to contaminant indoor vapor accumulation in the future. Upon demonstration of the delineation of groundwater contaminant plume, a specific monitoring schedule and monitoring network must be proposed by the participant for EPD review.

AEM Response: The first annual groundwater sampling event was conducted in July 2013. The results of this sampling event are discussed in the *Second Semiannual Progress Report*. Additional sampling events are planned for January and July 2014.

c. Other: Although groundwater remediation or demonstration of groundwater compliance may *not be required at the qualifying properties pursuant to §12-8-107(g)(2)(g) of the Act, corrective action* must*:*

i. Provide for the removal of free product (DNAPL) to the extent practicable *pursuant to §391-3-19-.07(4)(a) of the Rules: It must be determined if DNAPL is currently present beneath the water table and acting as a source of contamination at the qualifying properties and corrective measure implemented if necessary. Monitoring wells must be installed, and groundwater sampled and analyzed for COCs, in the area where PCE concentrations indicative of DNAPL (free product) have historically been detected in groundwater (see Comment 4b) and east of monitoring well MW-306 in or along the western edge of Gunby Street. EPD recognizes that corrective measures (soil blending) conducted in 2010 may have assisted in reducing PCE concentrations*

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approval. Therefore, proposed revisions of the boilerplate language should be submitted to EPD for review and approval. Please also note that the state of Georgia will sign the environmental covenant as a "Grantee/Entity with express power to enforce" but not as a Grantee/Holder. The participant must identify and make arrangements for another party to be the holder of the environmental covenant.

in groundwater at the referenced locations. However, groundwater conditions have not been verified in said areas subsequent to the referenced corrective measures.

AEM Response: As discussed in the *Second Semiannual Progress Report*, monitoring wells MW-210 to MW-214 were installed within the areas of historical remediation efforts.

ii. Prevent or mitigate/abate potential unacceptable risk to humans due to current and/or potential future accumulation of contaminant vapors in buildings or other structures pursuant to §391-3-19-.07(4)(c) of the Rules: *Corrective measures, which may consist of engineering and/or institutional controls, must be proposed to ensure that current and/or future human receptors are not exposed to unacceptable risks due to the accumulation of contaminant* vapors *resulting from the presence of contaminated groundwater.*

AEM Response: The comment is acknowledged and will be addressed in future Progress Report submittals and/or when site conditions change.

- *Qualifying Properties: An environmental covenant will be required for those qualifying properties where soil and/or groundwater contamination not in compliance with Type 1/3 RRS will remain* in-situ *which will: 1) limit future property usage and/or 2) require a vapor intrusion assessment and implementation of appropriate engineering controls as necessary as the site is developed in the future.*

  AEM Response: The comment is acknowledged and will be implemented as necessary.

- *Non-Qualifying Properties:*

  - *Current: At a minimum, a vapor intrusion assessment for the residential apartment building located on the adjacent non-qualifying property to the north of the 690 DeKalb Avenue property must be conducted immediately due to the presence of elevated groundwater contamination at monitoring well MW-403 and appropriate mitigation and/or abatement actions implemented if necessary. Additional vapor intrusion assessments on downgradient non-qualifying properties may become necessary if additional contaminant delineation efforts indicate the presence of occupied buildings located above soil and/or groundwater contamination not in compliance with Type 1 or 3 RRS.*

  AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

  - *Future: Should monitoring of the delineated groundwater contaminant plume indicate it is not stable and continues to migrate, appropriate actions must be implemented to assess the potential for future human exposure to COCs due to indoor accumulation of vapors due to the migration of contaminated groundwater onto downgradient non-qualifying properties and ensure said exposure pathway does not become complete in the future.*

AEM Response: The comment is acknowledged and will be addressed should future monitoring indicate that the plume is not stable.

Miscellaneous Comments

15. Environmental Sample Analytical Data Reports: It appears that laboratory analytical reports documenting analytical results for soil and groundwater samples acquired after November 2008 and December 2009, respectively, and summarized in Attachments C and D of the VIRP have not been submitted to EPD. Analytical results for environmental samples used to support conclusions set forth in the VIRP, and subsequent submittals, must be documented through submittal of the associated laboratory data reports for EPD review. Further note that pursuant to §391-3-26 of the Rules for Commercial Environmental Laboratories, analytical data submitted for regulatory purposes will only be accepted by EPD if laboratory certification documentation is provided to EPD. Note that the required laboratory certification documentation has not always been provided for analytical results submitted for this site. Required documentation must *include: 1) name of accrediting agency, 2) scope of accreditation relevant to the data submitted, 3) accreditation number or identifier, 4) effective date of accreditation, and 5) expiration date of accreditation.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

16. Figures and Tables:

a. All *symbols and abbreviations/acronyms, including laboratory qualifiers, used on each figure and/or table provided in future submittals must be defined within the legend or notes of each applicable figure or table.* For instance*, symbols used to denote "sampling locations" on Figure 3 and several notations on the table in Attachment D of the VIRP were not defined in the figure legend or table end notes, respectively.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. Titles for figures and tables in future submittals must be specific enough to clearly identify the purpose of said figures and tables. For instance, Figure 3 of the VIRP is entitled "Historic Sampling Locations"*; however, there is no indication of the media sampled (*e.g.*, soil, sediment, groundwater,* etc.*) at said locations on the figure.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

*c. The current status of the sampling locations [*i.e.*, abandoned or destroyed permanent or temporary (including direct push technology sampling points) groundwater monitoring wells and/or excavated soil sampling locations,* etc.*] must be clearly identified on Figure 3 of the VIRP features. In addition, all symbols used to denote the type or status sampling locations and/or media sampled* must *be defined in the legend of the required figure. To retain legibility, separate figures depicting sampling locations for* each *of the sampled media rather than the combined figure as provided may be warranted.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

17. Discrepancies, Inconsistencies, Errors, and Omissions: EPD noted several apparent discrepancies, errors, inconsistencies, and/or omissions within the subject submittals in addition to those mentioned in comments above. Some *examples are listed below:*

a. The narrative in Section 3.4.3 of the VIRP indicates VOCs were not detected in groundwater at MW-208P during the most recent groundwater monitoring event conducted in June 2011. The groundwater analytical summary table in Attachment D also indicates the well may have been sampled in June 2011; however, Figure 8 of the VIRP indicated monitoring well MW-208P <u>was not</u> *sampled during the June 2011 monitoring event.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

b. The first sentence in Section 4.1 of the VIRP states, "the results of the recent (June 1 and 2, 2011) groundwater sampling are provided in Table 1. However, the referenced table summarizes monitoring well construction details *not the referenced groundwater analytical results. Table 2 summarizes the referenced groundwater analytical data.*

AEM Response: No action is required.

c. Figure 3 depicts the location of a monitoring well MW-103 to the <u>southwest</u> *of MW-103 and monitoring well MW-103D is missing; however,*

i. Groundwater analytical summary tables provided as Attachment D summarize data for both a monitoring well MW-103D and a monitoring well MW-103 (with data for MW-303).

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

ii. Figure 4 (Cross-Section A–A′) *depicts monitoring wells MW-103 and MW-303 at the same location and monitoring well MW-103D as a separate location to the* <u>north</u> *of MW-303.*

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report*.

All figures, tables, and narratives must be consistent in referencing sampling location IDs and depicting monitoring well locations.

AEM Response: The comment is acknowledged and will be implemented for all future submittals.

d. Soil sampling locations GP-9 and GP-9D shown on Figure 3 of the VIRP are not consistent with their respective locations shown on Figure 2 of the May 31, 2006 Supplement to March 15, 2006 Corridor Edgewood Beltline Soil Assessment Report.

AEM Response: Response was submitted in the May 20, 2013, *First Semiannual Progress Report.*

If any additional information is required please contact us via e-mail at leona-miles@aem-net.com or by telephone at (404) 329-9006.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM
Senior Project Manager

Janet T. Hart
President

/krf

c: Doug Helmstetler (ARAMARK)
Stephanie Walters, Counsel (ARAMARK)
Becky Armbruster (The Wetlands Company)
Michael Brock (AEM)

Attachments

APPENDIX A

Historic Soil Tables and Figures

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
MW-1	Yes	8/1/1990	Depaul	50	Not Sampled	14
MW-2	Yes	8/2/1990	Depaul	25	Not Sampled	8
MW-3	Yes	8/2/1990	Depaul	24	Not Sampled	8
MW-4	Yes	8/2/1990	Depaul	30	10, 15, 20, 24, 30	NA
GP-1	No	7/19/1990	Depaul	9	9 - PID (<1 ppm)	NA
GP-2	No	7/17/1990	Depaul	9	9 - PID (150 ppm)	NA
GP-3	No	7/17/1990	Depaul	9	9 - PID (20 ppm)	NA
GP-4	No	7/17/1990	Depaul	9	9 - PID (<1 ppm)	NA
GP-5	No	7/17/1990	Depaul	9	9 - PID (<1 ppm)	NA
GP-6	No	7/17/1990	Depaul	9	9 - PID (<1 ppm)	NA
GP-7	No	5/22/1991	Depaul	15	10, 15 (TPH only)	NA
GP-8	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-9	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-10	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-11	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-12	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-13	No	5/22/1991	Depaul	15	10,15 (TPH only)	NA
GP-14	No	5/22/1991	Depaul	15	10, 15 (TPH only)	NA
HA-1	No	3/27/1992	Depaul	NA	10	NA
HA-3	No	3/27/1992	Depaul	NA	10	NA
HA-4	No	3/27/1992	Depaul	NA	10	NA
HA-6	No	3/27/1992	Depaul	NA	10	NA
HA-8	No	3/27/1992	Depaul	NA	10	NA
HA-10	No	3/27/1992	Depaul	NA	10	NA
HA-15	No	3/27/1992	Depaul	NA	10	NA
HA-16	No	3/27/1992	Depaul	NA	10	NA
HA-20	No	3/27/1992	Depaul	NA	5	NA
HA-21	No	3/27/1992	Depaul	NA	10	NA
B-1	Yes	5/19/1992	Depaul	105	Not Sampled	75

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
MW-5	Yes	5/20/1992	Depaul	25	5	NA
MW-6	Yes	5/20/1992	Depaul	25	5	NA
MW-7	Yes	5/21/1992	Depaul	25	10	NA
MW-9	No	5/21/1992	Depaul	109	30,35,40,45,50,55,60,65,88	NA
B-1	No	9/28/1999	QORE	25-30	NA	NA
B-2	No	9/28/1999	QORE	25-30	NA	NA
B-3	No	9/28/1999	QORE	25-30	5	NA
BH-1	No	11/3/2000	Pickering	28	2-4, 22-24	NA
BH-2	No	11/3/2000	Pickering	28	22-24	NA
BH-3	No	11/3/2000	Pickering	28	14-16	NA
DP-101[3]	Yes	4/24/2001	Law & Bock	28	0-2, 4-6, 16-18	18
DP-102[3]	Yes	4/25/2001	Law & Bock	28	0-2, 4-6, 14-16	18
DP-103[3]	Yes	4/24/2001	Law & Bock	30	0-2, 4-6, 16-18	20
DP-104[3]	Yes	4/25/2001	Law & Bock	28	0-2, 8-10, 14-16	18
DP-105[3]	Yes	4/25/2001	Law & Bock	26	0-2, 10-12, 12-14	16
DP-106	Yes	4/24/2001	Law	8	4-6, 6-8	ND
DP-107	Yes	4/24/2001	Law	NA	20-22	NA
MW-101[3]	Yes	4/24/2001	Law & Bock	28	0-2, 4-6, 14-16	17
MW-102[3]	Yes	4/23/2001	Law & Bock	33	0-2, 4-6, 19-21	22
MW-103[3]	Yes	4/24/2001	Law & Bock	26	0-2, 9-11, 14-16	16
MW-104	Yes	8/13/2001	Bock	24	0-1, 8-10, 14-16	14-16
MW-105 (TMW-105)	Yes	8/14/2001	Bock	25	0-2, 4-6, 14-16	16-18
MW-106	Yes	8/15/2001	Bock	24	0-2, 16-18	12-14
MW-107	Yes	8/14/2001	Bock	25	0-2, 4-6, 14-16	10-12
MW-108	Yes	8/15/2001	Bock	25	0-2, 4-6, 12-14	12-14
MW-109 (TMW-109)	Yes	8/16/2001	Bock	25	0-2, 4-6, 10-12	12-14
MW-110	Yes	8/16/2001	Bock	24	0-2, 4-6, 10-12	12-14
MW-111	Yes	8/15/2001	Bock	25	0-2, 4-6, 14-16	6-8

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
GP-1	Yes	4/8/2003	AEM	15	2-4, 6-8, 10-12	12
GP-2	Yes	4/8/2003	AEM	15	2-4, 6-8, 10-12	12
GP-3	Yes	4/8/2003	AEM	15	2-4, 6-8, 10-12	12
GP-4	Yes	4/8/2003	AEM	15	2-4, 6-8	10
GP-5	Yes	4/8/2003	AEM	15	2-4, 6-8	10
GP-6	Yes	4/8/2003	AEM	15	2-4, 6-8, 10-12	12
MW-201	Yes	4/14/2003	AEM	24.5	2-4, 6-8, 10-12	13
MW-202	Yes	4/14/2003	AEM	22	Not Sampled	10
MW-203	Yes	4/15/2003	AEM	25.5	0-2, 2-4, 8-10	8
MW-103D	Yes	4/17/2003	AEM	83	Not Sampled	7.5
MW-204	Yes	5/2/2003	AEM	24.5	Not Sampled	12
HA-1	Yes	5/6/2003	AEM	12	2-4, 6-8, 10-12	ND
HA-2	Yes	5/6/2003	AEM	12	2-4, 6-8, 10-12	ND
HA-3	Yes	5/6/2003	AEM	4.5	2-4,	ND
GP-7	Yes	5/16/2003	AEM	12	2-4, 6-8, 10	10.5
GP-8	Yes	5/16/2003	AEM	12	2-4,	3-4
GP-9	Yes	5/16/2003	AEM	12	2-4, 8-10	8.5
GP-10	Yes	5/16/2003	AEM	12	2-4, 6-8, 8-10	7.5
MW-205	Yes	3/31/2004	AEM	18	4-6, 8-10	10
MW-206	Yes	7/23/2004	AEM	18	2-4, 4-6, 6-8, 8-10	10
GP-21	Yes	7/23/2004	AEM	10	2-4, 4-6, 6-8	6-8
GP-22	Yes	7/23/2004	AEM	10	2-4, 4-6	6-8
GP-23	Yes	7/23/2004	AEM	10	2-4, 4-6	6-8
GP-24	Yes	7/23/2004	AEM	4	2, 4	ND
GP-25	Yes	12/17/2004	AEM	20	2-4, 6-8, 12-14	14-16
GP-26	Yes	12/17/2004	AEM	14	2-4, 6-8, 10-12	12-14
GP-27	Yes	12/17/2004	AEM	15	6-8, 12-14	14-15
GP-28	Yes	12/17/2004	AEM	15	2-4, 6-8, 12-14	14-15
GP-29	Yes	12/17/2004	AEM	15	2-4, 6-8, 10-12	14-15

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
GP-30	Yes	12/17/2004	AEM	9.5	2-4, 6-8	10-11
GP-31	Yes	12/17/2004	AEM	10	4, 8	8-10
GP-32	Yes	4/15/2005	AEM	10	4, 8	8-10
GP-9D	No	4/15/2005	AEM	10	5-6, 9-10	NA
TW-34	Yes	12/8/2007	MACTEC	20	7-8,	8.5
TW-35	Yes	12/8/2004	MACTEC	16	7-8,	14
TW-36	Yes	12/7/2004	MACTEC	12	Not Sampled	2
MW-209	Yes	9/2/2005	MACTEC	15	Not Sampled	10.94
MW-208P	Yes	9/2/2005	MACTEC	12	Not Sampled	8.14
MW-207P	Yes	9/2/2005	MACTEC	12	Not Sampled	7.85
GP-31	Yes	8/29/2005	MACTEC	12	2-4, 8-10	ND
GP-32	Yes	8/29/2005	MACTEC	11	2-4, 8-10	ND
GP-33	Yes	8/29/2005	MACTEC	12	0-2, 2-4, 8-10	ND
GP-34	Yes	8/29/2005	MACTEC	11	0-2, 2-4, 6-8, 8-10, 10-12	ND
GP-35	Yes	8/29/2005	MACTEC	11.5	0-2, 2-4, 8-10	ND
GP-36	Yes	8/29/2005	MACTEC	17	2-4, 8-10	NA
GP-37	Yes	8/29/2005	MACTEC	15	6-8,	ND
GP-38	Yes	8/29/2005	MACTEC	19	2-4, 6-8	ND
GP-39	Yes	8/29/2005	MACTEC	15	2-4, 6-8	ND
GP-40	Yes	8/30/2005	MACTEC	11	6-8, 10-11	ND
GP-41	Yes	8/30/2005	MACTEC	11.5	6-8, 8-10, 10-11.5	ND
GP-42	Yes	8/30/2005	MACTEC	12	4-6, 10-12	ND
GP-43	Yes	8/30/2005	MACTEC	12	4-6,	ND
GP-44	Yes	8/30/2005	MACTEC	12	4-6,	ND
GP-45	Yes	8/30/2005	MACTEC	12	4-6, 8-10	ND
GP-46	Yes	8/30/2005	MACTEC	8	4-6,	ND
GP-47	Yes	8/30/2005	MACTEC	8	4-6, 8-10	ND

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
GP-48	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-49	Yes	8/30/2005	MACTEC	8	2-4,	ND
GP-50	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-51	Yes	8/30/2005	MACTEC	8	2-4,	ND
GP-52	Yes	8/30/2005	MACTEC	8	2-4,	ND
GP-53	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-54	Yes	8/30/2005	MACTEC	8	0-4, 4-6	ND
GP-55	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-56	Yes	8/30/2005	MACTEC	9	0-4, 4-6	ND
GP-57	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-58	Yes	8/30/2005	MACTEC	8	0-4,	ND
GP-59	No	9/2/2005	MACTEC	9	0-2, 6-8	ND
GP-60	No	9/2/2005	MACTEC	8	2-4, 10-12	ND
GP-61	No	9/2/2005	MACTEC	8	0-2, 6-8	ND
ED-1	Yes	12/7/2005	AEM	30	Not Sampled	27[2]
ED-2	Yes	12/7/2005	AEM	30	Not Sampled	24[2]
ED-3	Yes	12/7/2005	AEM	30	Not Sampled	25[2]
ED-4	Yes	12/7/2005	AEM	30	Not Sampled	26[2]
ED-5	Yes	12/7/2005	AEM	40	Not Sampled	31[2]
GP-33 (AEM)	Yes	1/24/2006	AEM	15	2-4, 4-6	14-15
GP-34 (AEM)	Yes	1/24/2006	AEM	10	2-4, 4-6	8
GP-35 (AEM)	Yes	1/24/2006	AEM	6.5	2-4, 4-6	ND
GP-36 (AEM)	Yes	1/24/2006	AEM	10	2-4, 4-6	8-10
GP-37 (AEM)	Yes	1/24/2006	AEM	10	2-4, 4-6	8-10
GP-38 (AEM)	Yes	1/24/2006	AEM	6	2-4, 4-6	ND
MW-401	Yes	4/13/2006	MACTEC	16	Not Sampled	8.37
MW-402	Yes	4/13/2006	MACTEC	18	Not Sampled	13.72
MW-403	Yes	4/13/2006	MACTEC	20	Not Sampled	15.16
MW-404	Yes	4/13/2006	MACTEC	15	Not Sampled	7.36

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
MW-405	Yes	4/13/2006	MACTEC	20	Not Sampled	12.68
AEM-GP-1	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-2	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-3	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-4 (TMW-1)	Yes	8/5/2008	AEM	20	(1) 3.5-4, (2) 7.5-8	10.20
AEM-GP-5	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-6	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-7	No	8/5/2008	AEM	9	(1) 3.5-4, (2) 8.5-9	ND
AEM-GP-8	Yes	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-9	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-10 (TMW-2)	Yes	8/5/2008	AEM	19	(1) 3.5-4, (2) 9.5-10	11.61
AEM-GP-11	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-12	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-13	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-14 (TMW-3)	Yes	8/5/2008	AEM	19	(1) 3.5-4, (2) 7.5-8	10.90
AEM-GP-15	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-16	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
AEM-GP-17	No	8/5/2008	AEM	8	(1) 3.5-4, (2) 7.5-8	ND
DS-01	Yes	11/24/2008	AEM	20	13.5, 15.5	NA
DS-02	Yes	11/24/2008	AEM	15	12, 15	NA
DS-03	Yes	11/24/2008	AEM	15	9.5, 12.5	NA
DS-04	Yes	11/24/2008	AEM	15	10.5, 13.5	NA
DS-05	Yes	11/24/2008	AEM	15	10.5, 13.5	NA
DS-06	Yes	11/24/2008	AEM	15	11.5, 14.5	NA
DS-07	Yes	11/24/2008	AEM	20	14.5, 17.5	NA
DS-08	Yes	11/24/2008	AEM	20	14.5, 17.5	NA
DS-09	Yes	11/24/2008	AEM	15	11.5, 14.5	NA
DS-10	Yes	11/24/2008	AEM	15	8, 11.5, 14.5	NA
DS-11	Yes	11/24/2008	AEM	15	8, 11.5, 14.5	NA

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ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
DS-12	Yes	11/24/2008	AEM	15	8, 11.5, 14.5	NA
DS-13	No	11/24/2008	AEM	20	14.5, 17.5	NA
DS-14	No	11/25/2008	AEM	20	13.5, 16.5	NA
DS-15	No	11/25/2008	AEM	20	13.5, 16.5	NA
DS-16	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-17	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-18	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-19	No	11/25/2008	AEM	15	11.5, 14.5	NA
DS-20	No	11/25/2008	AEM	15	9.5, 12.5, 14.5	NA
DS-21	No	11/25/2008	AEM	15	Not Sampled	NA
DS-22	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-23	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-24	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-25	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-26	No	11/25/2008	AEM	15	8, 11.5, 14.5	NA
DS-27	No	11/25/2008	AEM	20	11.5, 17.5	NA
DS-28	No	11/25/2008	AEM	20	12.5, 17.5	NA
DS-29	Yes	11/26/2008	AEM	20	9.5, 13.5, 17.5	NA
DS-30	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-31	Yes	11/26/2008	AEM	20	9.5, 14.5	NA
DS-32	Yes	11/26/2008	AEM	15	9.5, 14.5	NA
DS-33	Yes	11/26/2008	AEM	15	9.5, 14.5	NA
DS-34	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-35	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-36	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-37	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-38	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-39	Yes	11/26/2008	AEM	20	9.5, 14.5, 19.5	NA
DS-40	No	12/3/2008	AEM	25	14.5, 21.5	NA

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
DS-41	No	12/3/2008	AEM	25	14.5, 19.5, 24.5	NA
DS-42	No	12/3/2008	AEM	25	14.5, 19.5, 24.5	NA
DS-43	No	12/3/2008	AEM	25	Not Sampled	NA
DS-44	No	12/3/2008	AEM	15	8, 9.5, 14.5	NA
DS-45	No	12/3/2008	AEM	20	9.5, 14.5, 17.5	NA
WS-090810-01	No	9/8/2010	AEM	12	12	12
WE-090810-02	No	9/8/2010	AEM	7	7	NA
TE-090810-03	No	9/8/2010	AEM	12	12	12
WE-090810-04	No	9/8/2010	AEM	9	9	NA
TE-090810-05	No	9/8/2010	AEM	12	12	12
WE-090810-06	No	9/8/2010	AEM	7	7	NA
TE-090810-07	No	9/8/2010	AEM	14	14	14
WE-090810-08	No	9/8/2010	AEM	9	9	NA
TE-090810-09	No	9/8/2010	AEM	14	14	14
WE-090810-10	No	9/8/2010	AEM	7	7	NA
TE-090810-11	No	9/8/2010	AEM	7	7	NA
WS-090810-12	No	9/8/2010	AEM	12	12	12
G-090810-13	No	9/8/2010	AEM	3 18	18	18
G-090810-14	No	9/8/2010	AEM	18	18	18
G-090810-15	No	9/8/2010	AEM	3 18	18	18
G-090810-16	No	9/8/2010	AEM	18	7, 18	18
G-090810-17	No	9/8/2010	AEM	18	18	18
BN-091310-19N	No	9/13/2010	AEM	22	22	22
BN-091310-19S	No	9/13/2010	AEM	23	23	23
Pit C 1/2 2 1/2	No	9/24/2010	AEM	10	10	10
Pit C4	No	9/24/2010	AEM	10	10	10
Pit D 3 1/2	No	9/24/2010	AEM	10	10	10
TN-092410-20	No	9/24/2010	AEM	8	8	NA
WN-092410-21	No	9/24/2010	AEM	8	8	NA
TN-092410-22	No	9/24/2010	AEM	8	8	NA
WN-092410-23	No	9/24/2010	AEM	8	8	NA
TN-092410-24	No	9/24/2010	AEM	8	8	NA

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
TW-092410-26	No	9/24/2010	AEM	8	8	NA
27	No	9/24/2010	AEM	8	8	NA
28	No	9/24/2010	AEM	8	8	NA
29	No	9/24/2010	AEM	8	8	NA
TW-092410-30	No	9/24/2010	AEM	8	8	NA
TS-092410-31	No	9/24/2010	AEM	8	8	NA
27A	No	9/28/2010	AEM	8	8	NA
28A	No	9/28/2010	AEM	8	8	NA
29A	No	9/28/2010	AEM	8	8	NA
101210-28B	No	10/12/2010	AEM	8	8	NA
101210-29B	No	10/12/2010	AEM	8	8	NA
Bottom 1	No	10/13/2010	AEM	10	10	10
Bottom 2	No	10/13/2010	AEM	10	10	10
101410-21C	No	10/14/2010	AEM	8	8	NA
101410-22C	No	10/14/2010	AEM	8	8	NA
101410-23C	No	10/14/2010	AEM	8	8	NA
101410-24C	No	10/14/2010	AEM	8	8	NA
101410-25C	No	10/14/2010	AEM	8	8	NA
101410-26C	No	10/14/2010	AEM	8	8	NA
102010-28D	No	10/20/2010	AEM	8	8	NA
102010-29D	No	10/20/2010	AEM	8	8	NA
102110-28E	No	10/21/2010	AEM	8	8	NA
102110-29E	No	10/21/2010	AEM	8	8	NA
SB-1	Yes	1/31/2013	AEM	16	2-4, 6-8, 10-12, 14-16	5-6
SB-2	Yes	1/31/2013	AEM	16	2-4, 6-8, 10-12, 14-16	4-5
SB-3	Yes	1/31/2013	AEM	16	2-4, 6-8, 10-12, 14-16	3.45
SB-4	Yes	1/31/2013	AEM	17	2-4, 6-8, 10-12, 14-16	3.50
SB-5	Yes	1/31/2013	AEM	17.5	0-2, 6-8, 10-12, 14-16	3.47
SB-6	Yes	1/31/2013	AEM	17.5	6-8, 10-12, 14-16	3.48
SB-7	Yes	1/31/2013	AEM	17.5	0-2, 6-8, 10-12, 14-16	3.61
SB-8	Yes	1/31/2013	AEM	17	2-4, 6-8, 10-12, 14-16	3.64
SB-9	Yes	1/31/2013	AEM	17.6	2-4, 6-8, 10-12, 14-16	3.34

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Soil Boring ID	Boring Log Available	Date Installed	Consultant	Boring Depth (feet bls)	Sample Intervals (feet bls)[1]	Depth to Water (feet bls)
SB-10	Yes	1/31/2013	AEM	19	2-4, 6-8, 10-12, 14-16	4.27
SB-11	Yes	2/1/2013	AEM	25	0-2, 6-8, 10-12, 19-20, 24-25	4.27
SB-12	Yes	2/1/2013	AEM	17	0-2, 6-8, 10-12, 14-16	5-6
SB-13	Yes	2/1/2013	AEM	17	2-4, 6-8, 10-12, 14-16	4.00
SB-14	Yes	2/1/2013	AEM	18	2-4, 6-8, 10-12, 14-16	3.5-4
SB-15	Yes	2/1/2013	AEM	17.5	0-2, 6-8, 10-12, 14-16	4.02
SB-16	Yes	2/1/2013	AEM	17	2-4, 6-8, 10-12, 14-16	4.50
SB-17	No	4/15/2013	AEM	9	2' and 8'	10
SB-18	No	4/15/2013	AEM	9	2' and 8'	10
SB-19	No	4/15/2013	AEM	9	2' and 9'	10
SB-20	No	4/15/2013	AEM	9	2' and 8'	10
SB-21	No	4/15/2013	AEM	9	2' and 8'	10
SB-22	No	4/15/2013	AEM	9	2' and 9'	10
SB-23	No	4/22/2013	AEM	10	10'	10
SB-24	No	4/22/2013	AEM	6	6'	10
SB-25	No	4/22/2013	AEM	9	9'	10
SB-26	No	4/24/2013	AEM	10	10'	10
SB-27	No	4/24/2013	AEM	9	9'	9
SB-28	No	4/24/2013	AEM	8	8'	8
SB-29	No	4/24/2013	AEM	6	6'	6
SB-30	Yes	5/1/2013	AEM	15	0-2, 2-4, 6-8, 10-12	5-6
SB-31	Yes	5/1/2013	AEM	15	0-2, 2-4, 6-8, 10-12	5-6
SB-32	Yes	5/1/2013	AEM	15	0-2, 2-4, 6-8, 10-12	5.5
SB-33	Yes	5/1/2013	AEM	15	0-2, 2-4, 6-8, 10-12	10.5
SB-34	Yes	5/1/2013	AEM	15	0-2, 2-4, 6-8, 10-12	5.8
SB-35	Yes	5/22/2013	AEM	8	0-2, 2-4, 6-8	ND
SB-36	Yes	5/22/2013	AEM	8	0-2, 2-4, 6-8	ND

Notes-See Last Page

Table A-1. Summary of Historic Soil Boring Locations
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Notes

NA - Not Available
ND - Not Detected
[1] - Sample interval analyzed by laboratory
[2] - Assumed or approximated depth to water by onsite geologist
[3] - Split Sample collected by Bock Environmetal Services
6-8 - Soil sample collected below water table or within saturated zone
Bold-indicates new information since the *First Semiannual Progress Report* was submitted

Table A-2. Summary of VOCs Detected in Soil Samples for DePaul Monitoring Wells, 1992.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-5	MW-6	MW-7	MW-9								
			5/21/92	5/21/92	5/21/92	5/21/92								
			5'	5'	10'	30'	35'	40'	44'	50'	55'	60'	65'	88'
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**55**	<5	<5	<5	**17**	**11**	**13**	**12**	**22**	**11**	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	µg/kg	500	<5	<5	<5	<5	**15**	**14**	**12**	**12**	**12**	**13**	<5	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/kg	170	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	µg/kg	7,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/kg	10,000	**164**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethylbenzene	µg/kg	70,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	µg/kg	100,000	<2	**300**	**20**	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chlorobenzene	µg/kg	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	µg/kg	21,888	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acetone	µg/kg	400,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Bromomethane	µg/kg	800	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide	µg/kg	400,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Sample collected in the water table

Table A-3. Summary of VOCs Detected in Soil from DePaul Hand Auger Samples, 1992.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			HA-1 3/18/92 10'	HA-3 3/19/92 10'	HA-4 3/19/92 10'	HA-6 3/19/92 10'	HA-8 3/19/92 10'	HA-10 3/19/92 10'	HA-15 3/19/92 10'	HA-16 3/19/92 10'	HA-20 3/20/92 5'	HA-21 3/20/92 10'
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	**174**	**2,770**	**31**	**49**	**3,920**	**1,350**	**52**	**1,910**	**3,170**	**8,220**
1,1,1-Trichloroethane	µg/kg	20,000	<5	<5	<5	<5	<5	<5	<5	<5	**14**	<5
Trichloroethene	µg/kg	500	<5	**31**	<5	<5	**69**	<5	<5	<5	**2,290**	**52**
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/kg	170	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	µg/kg	7,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/kg	10,000	**38**	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethylbenzene	µg/kg	70,000	<2	<2	<2	<2	<2	<2	<2	<2	**65**	<2
Toluene	µg/kg	100,000	<2	**4.0**	<2	<2	<2	<2	<2	<2	<2	**15**
Chlorobenzene	µg/kg	10,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<2	<2	<2	<2	<2	<2	<2	<2	**87**	<2
Isopropylbenzene	µg/kg	21,888	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Acetone	µg/kg	400,000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
Bromomethane	µg/kg	800	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Carbon Disulfide	µg/kg	400,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride	µg/kg	500	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-4. Summary of VOCs Detected in QORE Soil Samples B-1, B-2, and B-3, 1999.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			B-1	B-2	B-3
			09/28/99 Depth Unknown	09/28/99 Depth Unknown	09/28/99 5'
Chlorinated VOCs		Type 1 RRS			
Tetrachloroethene	µg/kg	500	<5	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	<5	<5	<5
Trichloroethene	µg/kg	500	<5	**52**	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5
Chloroethane	µg/kg	170	<10	<10	<10
cis-1,2-Dichloroethene	µg/kg	7,000	**34**	**334**	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<5
Vinyl Chloride	µg/kg	200	<10	**109**	<10
Aromatic Hydrocarbons					
Benzene	µg/kg	500	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<5	<5	**7.0**
Toluene	µg/kg	100,000	<5	**57**	**6.0**
Chlorobenzene	µg/kg	10,000	<5	<5	<5
Cyclohexane	µg/kg	200,000	NA	NA	NA
Naphthalene	µg/kg	100,000	NA	NA	NA
o-Xylene	µg/kg	1,000,000	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<5	<5	**19**
Isopropylbenzene	µg/kg	21,888	NA	NA	NA
Non-Chlorinated VOCs					
2-Butanone	µg/kg	200,000	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA
Bromomethane	µg/kg	800	<10	<10	<10
Carbon Disulfide	µg/kg	400,000	NA	NA	NA
Methylene Chloride	µg/kg	500	<1	<1	<1

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected

Table A-5. Summary of VOCs Detected in Soil for Pickering Samples BH-1, BH-2, and BH-3, 2000.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			BH-1		BH-2	BH-3
			11/03/00		11/03/00	11/03/00
			2-4'	22-24'	22-24'	14-16'
Chlorinated VOCs		Type 1 RRS				
Tetrachloroethene	µg/kg	500	<2	<2	**217**	<2
1,1,1-Trichloroethane	µg/kg	20,000	<2	<2	<2	<2
Trichloroethene	µg/kg	500	<2	<2	**447**	<2
1,1-Dichloroethene	µg/kg	700	<2	<2	**5.71**	<2
1,2-Dichloroethane	µg/kg	500	<2	<2	<2	<2
1,1-Dichloroethane	µg/kg	400,000	<2	<2	<2	<2
Chloroethane	µg/kg	170	<2	<2	<2	<2
cis-1,2-Dichloroethene	µg/kg	7,000	<2	<2	**273**	<2
trans-1,2-Dichloroethene	µg/kg	10,000	<2	<2	**19.2**	<2
Vinyl Chloride	µg/kg	200	<2	<2	**324**	<2
Aromatic Hydrocarbons						
Benzene	µg/kg	500	<2	<2	**4.40**	<2
Ethylbenzene	µg/kg	70,000	<2	<2	<2	<2
Toluene	µg/kg	100,000	<2	<2	<2	<2
Chlorobenzene	µg/kg	10,000	<2	<2	<2	<2
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<2	<2	<2	<2
o-Xylene	µg/kg	1,000,000	<2	<2	<2	<2
m,p-Xylene	µg/kg	1,000,000	<4	<4	<4	<4
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<2	<2	<2	<2
Non-Chlorinated VOCs						
2-Butanone	µg/kg	200,000	**4.51**	<40	<40	<40
Acetone	µg/kg	400,000	**172**	<40	<40	<40
Bromomethane	µg/kg	800	<2	<2	<2	<2
Carbon Disulfide	µg/kg	400,000	<2	<2	<2	<2
Methylene Chloride	µg/kg	500	**27.6**	<20	<20	<20

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Sample collected in the water table
Bold-analyte detected

Table A-6. Summary of VOCs Detected in Soil for LAW Samples, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			DP-101			DP-102			DP-103			DP-104		
			04/24/01			04/25/01			04/24/01			04/25/01		
			0-2'	4-6'	16-18'	0-2'	4-6'	14-16'	0-2'	4-6'	16-18'	0-2'	8-10'	14-16'
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**720,000**	**36,000**	**1,100**	**19,000**	**22,000**	**6,800**	**100,000**	**3,700**	**670 E**	**110**	**4,200**	**2,000 E**
1,1,1-Trichloroethane	µg/kg	20,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Trichloroethene	µg/kg	500	<14,000	<3,000	<360	<310	<300	<320	<6,300	**6.9**	<6.6	**16**	**910**	**49**
1,1-Dichloroethene	µg/kg	700	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
1,2-Dichloroethane	µg/kg	500	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
1,1-Dichloroethane	µg/kg	400,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Chloroethane	µg/kg	170	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
cis-1,2-Dichloroethene	µg/kg	7,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	**41**	**1,700**	**780**
trans-1,2-Dichloroethene	µg/kg	10,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Vinyl Chloride	µg/kg	200	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Ethylbenzene	µg/kg	70,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Toluene	µg/kg	100,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Chlorobenzene	µg/kg	10,000	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15
o-Xylene	µg/kg	1,000,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
m,p-Xylene	µg/kg	1,000,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Xylenes, Total	µg/kg	1,000,000	<14,000	<3,000	<360	<310	<300	<320	<6,300	<6.3	<6.6	<6.5	<310	<7.4
Isopropylbenzene	µg/kg	21,888	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<7.4
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<280,000	<60,000	<7,200	<6,200	<6,000	<6,300	<130,000	<130	<130	<130	<6,200	<150
Acetone	µg/kg	400,000	<280,000	<60,000	<7,200	<6,200	<6,000	<6,300	<130,000	<130	<130	<130	<6,200	<150
Bromomethane	µg/kg	800	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15
Carbon Disulfide	µg/kg	400,000	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15
Methylene Chloride	µg/kg	500	<28,000	<6,000	<720	<620	<600	<630	<13,000	<13	<13	<13	<620	<15

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
*Reportedly a duplicate sample; however, location unknown

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-6. Summary of VOCs Detected in Soil for LAW Samples, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			DP-105			DP-106		DP-107*
				04/25/01		04/24/01		04/24/01
			0-2'	10-12'	12-14'	4-6'	6-8'	20-22'
Chlorinated VOCs		Type 1 RRS						
Tetrachloroethene	µg/kg	500	**780**	**650,000**	**23,000**	**5,400**	**4,600**	**14,000**
1,1,1-Trichloroethane	µg/kg	20,000	<320	<350	<350	<290	<320	<350
Trichloroethene	µg/kg	500	<320	**380**	<350	<290	<320	**1,700**
1,1-Dichloroethene	µg/kg	700	<320	<350	<350	<290	<320	<350
1,2-Dichloroethane	µg/kg	500	<320	<350	<350	<290	<320	<350
1,1-Dichloroethane	µg/kg	400,000	<320	<350	<350	<290	<320	<350
Chloroethane	µg/kg	170	<320	<350	<350	<290	<320	<350
cis-1,2-Dichloroethene	µg/kg	7,000	<320	<350	<350	<290	<320	**2,300**
trans-1,2-Dichloroethene	µg/kg	10,000	<320	<350	<350	<290	<320	<350
Vinyl Chloride	µg/kg	200	<640	<690	<690	<590	<630	<700
Aromatic Hydrocarbons								
Benzene	µg/kg	500	<320	<350	<350	<290	<320	<350
Ethylbenzene	µg/kg	70,000	<320	<350	<350	<290	<320	<350
Toluene	µg/kg	100,000	<320	<350	<350	<290	<320	<350
Chlorobenzene	µg/kg	10,000	<640	<690	<690	<590	<630	<700
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<640	<690	<690	<590	<630	<700
o-Xylene	µg/kg	1,000,000	<320	<350	<350	<290	<320	<350
m,p-Xylene	µg/kg	1,000,000	<320	<350	<350	<290	<320	<350
Xylenes, Total	µg/kg	1,000,000	<320	<350	<350	<290	<320	<350
Isopropylbenzene	µg/kg	21,888	<640	<690	<690	<590	<630	<700
Non-Chlorinated VOCs								
2-Butanone	µg/kg	200,000	<6,400	<6,900	<6,900	<5,800	<6,300	<7,000
Acetone	µg/kg	400,000	<6,400	<6,900	<6,900	<5,800	<6,300	<7,000
Bromomethane	µg/kg	800	<640	<690	<690	<590	<630	<700
Carbon Disulfide	µg/kg	400,000	<640	<690	<690	<590	<630	<700
Methylene Chloride	µg/kg	500	<640	<690	<690	<590	<630	<700

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
*Reportedly a duplicate sample; however, location unknown

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-7. Summary of VOCs Detected in Soil for LAW Samples from MW-101-MW-104, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-101			MW-102			MW-103			MW-104*
			04/24/01			04/23/01			04/24/01			04/24/01
			0-2'	4-6'	14-16'	0-2'	4-6'	19-21'	0-2'	9-11'	14-16'	4-6'
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	**130,000**	**4,500**	**5,300**	<5.7	<5.9	**18**	**34**	**84,000**	**90,000**	**2,400**
1,1,1-Trichloroethane	µg/kg	20,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Trichloroethene	µg/kg	500	<3,000	<320	<370	<5.7	<5.9	<6.8	**20**	**15,000**	<3,400	<310
1,1-Dichloroethene	µg/kg	700	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
1,2-Dichloroethane	µg/kg	500	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
1,1-Dichloroethane	µg/kg	400,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Chloroethane	µg/kg	170	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
cis-1,2-Dichloroethene	µg/kg	7,000	<3,000	<320	<370	<5.7	<5.9	**18**	<6.3	<6,800	<3,400	<310
trans-1,2-Dichloroethene	µg/kg	10,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Vinyl Chloride	µg/kg	200	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Ethylbenzene	µg/kg	70,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Toluene	µg/kg	100,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Chlorobenzene	µg/kg	10,000	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
o-Xylene	µg/kg	1,000,000	<3,00	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
m,p-Xylene	µg/kg	1,000,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Xylenes, Total	µg/kg	1,000,000	<3,000	<320	<370	<5.7	<5.9	<6.8	<6.3	<6,800	<3,400	<310
Isopropylbenzene	µg/kg	21,888	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<60,000	<6,400	<7,400	<110	<120	<140	<130	<140,000	<68,000	<6,300
Acetone	µg/kg	400,000	<60,000	<6,400	<7,400	<110	<120	<140	<130	<140,000	<68,000	<6,300
Bromomethane	µg/kg	800	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
Carbon Disulfide	µg/kg	400,000	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630
Methylene Chloride	µg/kg	500	<6,000	<640	<740	<11	<12	<14	<13	<14,000	<6,800	<630

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
*Duplicate sample collected from MW-101
µg/kg- micrograms per kilogram
NA-Not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-8. Summary of VOCs Detected in Soil for Bock Samples, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			DP-101			DP-102			DP-103			DP-104		
			04/24/01			04/25/01			04/24/01			04/25/01		
			0-2'	4-6'	16-18'	0-2'	4-6'	14-16'	0-2'	4-6'	16-18'	0-2'	8-10'	14-16'
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**198,600**	**5,430**	**595**	**4,750**	**15,120**	**4,910**	**3,370**	**900**	**335**	**170**	**9,230**	**450**
1,1,1-Trichloroethane	µg/kg	20,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Trichloroethene	µg/kg	500	**170**	**110**	**32**	<120	<305	<115	<130	**47**	<8.0	**19**	**1,640**	**46**
1,1-Dichloroethene	µg/kg	700	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
1,2-Dichloroethane	µg/kg	500	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
1,1-Dichloroethane	µg/kg	400,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Chloroethane	µg/kg	170	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
cis-1,2-Dichloroethene	µg/kg	7,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	**31**	**2,250**	**1,160**
trans-1,2-Dichloroethene	µg/kg	10,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Vinyl Chloride	µg/kg	200	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Ethylbenzene	µg/kg	70,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Toluene	µg/kg	100,000	**7.0**	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Chlorobenzene	µg/kg	10,000	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	**9.0**	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	**13**
o-Xylene	µg/kg	1,000,000	**20**	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	**19**
m,p-Xylene	µg/kg	1,000,000	**8.0**	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	**8.0**
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	**6.0**	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	<6.0	<6.0	<8.0	<120	<305	<115	<130	<6.0	<8.0	<6.0	<320	<7.0

Notes:
Soil Samples Collected are Split Samples with LAW
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
*Duplicate sample collected from DP-104
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-8. Summary of VOCs Detected in Soil for Bock Samples, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			DP-105			DP-106		DP-107*
				04/25/01		04/24/01		04/24/01
			0-2'	10-12'	12-14'	4-6'	6-8'	8-10'
Chlorinated VOCs		Type 1 RRS						
Tetrachloroethene	µg/kg	500	**385**	**2,830,300**	**432,400**	**10,870**	**505**	**29,380**
1,1,1-Trichloroethane	µg/kg	20,000	<125	<3,480	<135	<7.0	<6.0	<140
Trichloroethene	µg/kg	500	<125	<3,480	**275**	**57**	**36**	**1,830**
1,1-Dichloroethene	µg/kg	700	<125	<3,480	<135	<7.0	<6.0	<140
1,2-Dichloroethane	µg/kg	500	<125	<3,480	<135	<7.0	<6.0	<140
1,1-Dichloroethane	µg/kg	400,000	<125	<3,480	<135	<7.0	<6.0	<140
Chloroethane	µg/kg	170	<125	<3,480	<135	<7.0	<6.0	<140
cis-1,2-Dichloroethene	µg/kg	7,000	<125	<3,480	**155**	<7.0	<6.0	**4,850**
trans-1,2-Dichloroethene	µg/kg	10,000	<125	<3,480	<135	<7.0	<6.0	<140
Vinyl Chloride	µg/kg	200	<125	<3,480	<135	<7.0	<6.0	<140
Aromatic Hydrocarbons								
Benzene	µg/kg	500	<125	<3,480	<135	<7.0	<6.0	<140
Ethylbenzene	µg/kg	70,000	<125	<3,480	<135	<7.0	<6.0	**220**
Toluene	µg/kg	100,000	<125	<3,480	<135	<7.0	<6.0	<140
Chlorobenzene	µg/kg	10,000	<125	<3,480	<135	<7.0	<6.0	<140
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<125	<3,480	<135	<7.0	<6.0	**680**
o-Xylene	µg/kg	1,000,000	<125	<3,480	<135	<7.0	<6.0	<140
m,p-Xylene	µg/kg	1,000,000	<125	<3,480	<135	<7.0	<6.0	<140
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<125	<3,480	**385**	<7.0	<6.0	**785**
Non-Chlorinated VOCs								
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	<6,300	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	<6,300	NA
Bromomethane	µg/kg	800	<125	<3,480	<135	<7.0	<630	<140
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	<630	NA
Methylene Chloride	µg/kg	500	<125	<3,480	<135	<7.0	<630	<140

Notes:
Soil Samples Collected are Split Samples with LAW
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
*Duplicate sample collected from DP-104
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-9. Summary of VOCs Detected in Soil for Bock Samples from MW-101-MW-104, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-101			MW-102			MW-103			MW-104*	MW-105			MW-106	
			04/24/01			04/23/01			04/24/01			04/24/01	08/14/01			08/15/01	
			0-2'	4-6'	14-16'	0-2'	4-6'	19-21'	0-2'	9-11'	14-16'	4-6'	0-2'	4-6'	14-16'	0-2'	16-18'
Chlorinated VOCs		Type 1 RRS															
Tetrachloroethene	µg/kg	500	**4,580**	**4,540**	**1,020**	<6.0	<7.0	**9.0**	**44**	**770**	**10,070**	**32,460**	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	**21**	**24**	**36**	<6.0	<7.0	<7.0	**43**	**1,350**	**120**	**23**	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/kg	700	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/kg	400,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
Chloroethane	µg/kg	170	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/kg	7,000	<7.0	<7.0	<7.0	<6.0	<7.0	**10**	**11**	**460**	**595**	<7.0	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	**13**	<7.0	<7.0	<5	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<5	<5	<5	<5	<5
Aromatic Hydrocarbons																	
Benzene	µg/kg	500	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<5	<5	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<5	<5	<5	<5	<5
Toluene	µg/kg	100,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<5	<5	<5	<5	<5
Chlorobenzene	µg/kg	10,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	**10**	**9.0**	<7.0	<5	<5	<5	<5	<5
o-Xylene	µg/kg	1,000,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	**31**	<7.0	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	**11**	**22**	<7.0	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	<10	<10	<10	<10
Isopropylbenzene	µg/kg	21,888	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	**16**	**8.0**	<7.0	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																	
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	<7.0	<6.0	<7.0	<7.0	NA	NA	NA	NA	NA

Notes:
Soil Samples Collected are Split Samples with LAW
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
*Duplicate sample collected from MW-101 at 4-6'
µg/kg- micrograms per kilogram
NA-not analyzed
Sample collected in the water table
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-9. Summary of VOCs Detected in Soil for Bock Samples from MW-101-MW-104, 2001.
ARAMARK DeKalb Avenue VRP/HSI Site No. 10704
Atlanta, Georgia

			MW-107			MW-108			MW-109			MW-110			MW-111		
			08/14/01			08/15/01			08/16/01			08/16/01			08/15/01		
			0-2'	4-6'	14-16'	0-2'	4-6'	12-14'	0-2'	4-6'	10-12'	4-6'	6-8'	10-12'	0-2'	10-12'	14-16'
Chlorinated VOCs		Type 1 RRS															
Tetrachloroethene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/kg	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/kg	7,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Aromatic Hydrocarbons																	
Benzene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/kg	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isopropylbenzene	µg/kg	21,888	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs																	
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Soil Samples Collected are Split Samples with LAW
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
*Duplicate sample collected from MW-101 at 4-6'
µg/kg- micrograms per kilogram
NA-not analyzed
Sample collected in the water table
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-10. Summary of VOCs Detected in Soil Samples Collected by AEM, 2003 and 2004.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-1			GP-2			GP-3			GP-4		GP-5	
		Depth	2-4'	6-8'	10-12'	2-4'	6-8'	10-12'	2-4'	6-8'	10-12'	2-4'	6-8'	2-4'	6-8'
		Date	4/8/2003			4/8/2003			4/8/2003			4/8/2003		4/8/2003	
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/kg	500	**80**	<5	**7.2**	**9.9**	**8.5**	**8.5**	**160**	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<5	<5	<5	<5	<5	<5	**5.3**	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	µg/kg	170	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	µg/kg	7,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Aromatic Hydrocarbons															
Benzene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	µg/kg	100,000	<5	<5	**8.5**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15
Isopropylbenzene	µg/kg	21,888	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Non-Chlorinated VOCs															
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-10. Summary of VOCs Detected in Soil Samples Collected by AEM, 2003 and 2004.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-6				MW-203			HA-1			HA-2		
		Depth	2-4'	2-4' DUP	6-8'	10-12'	0-2'	2-4'	8-10'	2-4'	6-8'	10-12'	2-4'	6-8'	10-12'
		Date	4/8/2003				4/15/2003			5/6/2003			5/16/2003		
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/kg	500	<5	<5	<5	<5	**120**	<250	**45,000**	<5	<5	<5.6	<5	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<5	<5	<5	<5	**8.6**	<250	**950**	<5	<5	<5.6	<5	<5	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
Chloroethane	µg/kg	170	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
cis-1,2-Dichloroethene	µg/kg	7,000	<5	<5	<5	<5	**38**	<250	**520**	<5	<5	<5.6	<5	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
Vinyl Chloride	µg/kg	200	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
Aromatic Hydrocarbons															
Benzene	µg/kg	500	<5	<5	<5	<5	<5	<250	<5.6	<5	<5	<5.6	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<5	<5	<5	<5	<5	**3,100**	<5.6	<5	<5	<5.6	<5	<5	<5
Toluene	µg/kg	100,000	<5	<5	<5	<5	<5	**250**	<5.6	<5	<5	<5.6	<5	<5	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<5	<5	<5	<5	<5	**9,400**	<5.6	<5	<5	<5.6	<5	<5	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<15	<15	<15	<15	<15	**9,600**	<17	<15	<15	<17	<15	<15	<15
Isopropylbenzene	µg/kg	21,888	<5	<5	<5	<5	<5	**1,100**	<5.6	<5	<5	<5.6	<5	<5	<5
Non-Chlorinated VOCs															
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-10. Summary of VOCs Detected in Soil Samples Collected by AEM, 2003 and 2004.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	HA-3	GP-7			GP-8	GP-9	GP-10	MW-205		MW-206			
		Depth	2-4'	2-4'	6-8'	10-12'	2-4'	2-4'	2-4'	6'	10'	4'	6'	8'	10'
		Date	5/16/2003	5/16/2003			5/16/2003	5/16/2003	5/16/2003	3/31/2004		7/23/2004			
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/kg	500	<5	<5	<5	<5	**46**	**86**	**86**	<5	<5	<3.6	<3.3	<3.2	**7.5**
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	**4.9**
1,1-Dichloroethene	µg/kg	700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
1,2-Dichloroethane	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Chloroethane	µg/kg	170	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
cis-1,2-Dichloroethene	µg/kg	7,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Vinyl Chloride	µg/kg	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Aromatic Hydrocarbons															
Benzene	µg/kg	500	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Ethylbenzene	µg/kg	70,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Toluene	µg/kg	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<15	<15	<15	<15	<15	<15	<15	<15	<15	<11	<9.9	<9.7	<9.7
Isopropylbenzene	µg/kg	21,888	<5	<5	<5	<5	<5	<5	<5	<5	<5	<3.6	<3.3	<3.2	<3.2
Non-Chlorinated VOCs															
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-11. Summary of VOCs Detected in Soil Samples Collected by AEM, 2004 and 2005.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-21			GP-22		GP-23		GP-24		GP-25		
		Depth	4'	6'	8'	4'	6'	4'	6'	2'	4'	4'	8'	14'
		Date	7/23/2004			7/23/2004		7/23/2004		7/23/2004		12/17/2004		
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**5.9**	**4.9**	**11**	<3.1	<3.2	**510**	**950**	**130,000**	**3,500**	**26**	**5**	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<3.1	<4.1	<3.8	<3.1	<3.2	**3.8**	**5.2**	**7,500**	**98**	<5	<5	<5
1,1-Dichloroethene	µg/kg	700	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
Chloroethane	µg/kg	170	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
cis-1,2-Dichloroethene	µg/kg	7,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
Vinyl Chloride	µg/kg	200	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	**3.1**	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
Toluene	µg/kg	100,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	<3.1	<5	<5	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<51	<3.1	<5	<5	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<9.4	<12	<11	<9.3	<9.7	<10	<9.9	<15	<9.2	<15	<15	<15
Isopropylbenzene	µg/kg	21,888	<3.1	<4.1	<3.8	<3.1	<3.2	<3.4	<3.3	<5.1	**4.4**	<5	<5	<5
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-11. Summary of VOCs Detected in Soil Samples Collected by AEM, 2004 and 2005.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-26			GP-27		GP-28			GP-29			GP-30	
		Depth	4'	8'	12'	8'	14'	4'	8'	14'	4'	8'	12'	4'	8'
		Date	12/17/2004			12/17/2004		12/17/2004			12/17/2004			12/17/2004	
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/kg	500	**8,500**	**970**	**450**	**53**	**9,100**	**21,000**	**950**	**1,000**	**320,000**	**2,000**	**2,100**	<5	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<320	**33**	**8**	<5	**240**	<270	<5	<5	**500**	11	**13**	<5	<5
1,1-Dichloroethene	µg/kg	700	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
1,2-Dichloroethane	µg/kg	500	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
1,1-Dichloroethane	µg/kg	400,000	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
Chloroethane	µg/kg	170	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
cis-1,2-Dichloroethene	µg/kg	7,000	<320	**38**	**8.0**	<5	<230	<270	<5	<5	<260	<5	**5.7**	<5	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<320	<5	<5	<5	<230	<270	<2.4	<5	<260	<5	<5	<5	<5
Vinyl Chloride	µg/kg	200	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
Aromatic Hydrocarbons															
Benzene	µg/kg	500	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
Ethylbenzene	µg/kg	70,000	<320	<5	<5	<5	**270**	<270	<5	<5	<260	<5	<5	<5	<5
Toluene	µg/kg	100,000	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<320	<5	<5	<5	<230	<270	<5	<5	<260	<5	<5	<5	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<960	<15	<15	<15	**4,400**	<800	<15	<15	<770	<15	<15	<15	<15
Isopropylbenzene	µg/kg	21,888	<320	<5	<5	<5	**2,100**	<270	<5	<5	<260	<5	<5	<5	<5
Non-Chlorinated VOCs															
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-11. Summary of VOCs Detected in Soil Samples Collected by AEM, 2004 and 2005.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-31		GP-9D		GP-32		
		Depth	4'	8'	5-6'	9-10'	0-2'	4-6'	8-10'
		Date	12/17/2004		4/15/2005		4/15/2005		
Chlorinated VOCs		Type 1 RRS							
Tetrachloroethene	µg/kg	500	<5	<5	**40**	**42,000**	<9	<7.7	<5
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<5	<5	<4.6	**4,700**	<9	<7.7	<5
1,1-Dichloroethene	µg/kg	700	<5	<5	<4.6	<160	<9	<7.7	<5
1,2-Dichloroethane	µg/kg	500	<5	<5	<4.6	<160	<9	<7.7	<5
1,1-Dichloroethane	µg/kg	400,000	<5	<5	<4.6	<160	<9	<7.7	<5
Chloroethane	µg/kg	170	<5	<5	<4.6	<160	<9	<7.7	<5
cis-1,2-Dichloroethene	µg/kg	7,000	<5	<5	<4.6	**2,200**	<9	<7.7	<5
trans-1,2-Dichloroethene	µg/kg	10,000	<5	<5	<4.6	<160	<9	<7.7	<5
Vinyl Chloride	µg/kg	200	<5	<5	<4.6	<160	<9	<7.7	<5
Aromatic Hydrocarbons									
Benzene	µg/kg	500	<5	<5	<4.6	<160	<9	<7.7	<5
Ethylbenzene	µg/kg	70,000	<5	<5	<4.6	<160	**420**	<7.7	<5
Toluene	µg/kg	100,000	<5	<5	<4.6	**190**	**360**	<7.7	<5
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<5	<5	<4.6	<160	**340**	<7.7	<5
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<15	<15	<14	<470	**3,600**	<23	<15
Isopropylbenzene	µg/kg	21,888	<5	<5	<4.6	<160	<9	<7.7	<5
Non-Chlorinated VOCs									
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-12. Summary of VOCs Detected in Soil Samples Collected from MACTEC Temporary Wells TW-34 and TW-35, 2004.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

			TW-34	TW-35
			7-8' 12/8/2004	7-8' 12/8/2004
Chlorinated VOCs		Type 1 RRS		
Tetrachloroethene	µg/kg	500	<4.6	<5.5
1,1,1-Trichloroethane	µg/kg	20,000	<4.6	<5.5
Trichloroethene	µg/kg	500	<4.6	<5.5
1,1-Dichloroethene	µg/kg	700	<4.6	<5.5
1,2-Dichloroethane	µg/kg	500	<4.6	<5.5
1,1-Dichloroethane	µg/kg	400,000	<4.6	<5.5
Chloroethane	µg/kg	170	<9.3	<11
cis-1,2-Dichloroethene	µg/kg	7,000	<4.6	<5.5
trans-1,2-Dichloroethene	µg/kg	10,000	<4.6	<5.5
Vinyl Chloride	µg/kg	200	<9.3	<11
Aromatic Hydrocarbons				
Benzene	µg/kg	500	<4.6	<5.5
Ethylbenzene	µg/kg	70,000	<4.6	<5.5
Toluene	µg/kg	100,000	<4.6	<5.5
Chlorobenzene	µg/kg	10,000	<4.6	<5.5
Cyclohexane	µg/kg	200,000	<4.6	<5.5
Naphthalene	µg/kg	100,000	<420	<5.5
o-Xylene	µg/kg	1,000,000	<4.6	<5.5
m,p-Xylene	µg/kg	1,000,000	<9.3	<11
Xylenes, Total	µg/kg	1,000,000	NA	NA
Isopropylbenzene	µg/kg	21,888	<4.6	<5.5
Non-Chlorinated VOCs				
2-Butanone	µg/kg	200,000	<9.3	<11
Acetone	µg/kg	400,000	<93	<110
Bromomethane	µg/kg	800	<4.6	<5.5
Carbon Disulfide	µg/kg	400,000	<9.3	<11
Methylene Chloride	µg/kg	500	<4.6	<5.5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed

Table A-13. Summary of VOCs Detected in Soil from MACTEC Samples from GP-31 to GP-61, 2005.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			GP-31		GP-32		GP-33			GP-34				
			2-4'	8-10'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	8-10'	10-12'
			8/29/2005		8/29/2005		8/29/2005			8/29/2005				
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**6,400**	<4.1	<3.6	<2.9	**3.9**	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
1,1,1-Trichloroethane	µg/kg	20,000	**8.8**	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Trichloroethene	µg/kg	500	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
1,1-Dichloroethene	µg/kg	700	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
1,2-Dichloroethane	µg/kg	500	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
1,1-Dichloroethane	µg/kg	400,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Chloroethane	µg/kg	170	<8.7	<8.2	<7.2	<5.7	<5.9	<7.3	<7.9	<7.9	<11	<10	<8.3	<9.8
cis-1,2-Dichloroethene	µg/kg	7,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
trans-1,2-Dichloroethene	µg/kg	10,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Vinyl Chloride	µg/kg	200	<8.7	<8.2	<7.2	<5.7	<5.9	<7.3	<7.9	<7.9	<11	<10	<8.3	<9.8
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Ethylbenzene	µg/kg	70,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Toluene	µg/kg	100,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Chlorobenzene	µg/kg	10,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Cyclohexane	µg/kg	200,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.4
m,p-Xylene	µg/kg	1,000,000	<8.7	<8.2	<7.2	<5.7	<5.9	<7.3	<7.9	<7.9	<11	<10	<8.3	<9.8
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<43	<41	<36	<29	<30	<36	<40	<40	<53	<50	<41	<49
Acetone	µg/kg	400,000	**110**	<82	<72	<57	<59	<73	<79	<79	<110	<100	<83	<98
Bromomethane	µg/kg	800	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Carbon Disulfide	µg/kg	400,000	<8.7	<8.2	<7.2	<5.7	<5.9	<7.3	<7.9	<7.9	<11	<10	<8.3	<9.8
Methylcyclohexane	µg/kg	500	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9
Methylene Chloride	µg/kg	500	<4.3	<4.1	<3.6	<2.9	<3.0	<3.6	<4.0	<4.0	<5.3	<5.0	<4.1	<4.9

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-13. Summary of VOCs Detected in Soil from MACTEC Samples from GP-31 to GP-61, 2005.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			GP-35			GP-36		GP-37	GP-38		GP-39		GP-40	
			0-2'	4-6'	8-10'	2-4'	8-10'	6-8'	2-4'	6-8'	2-4'	6-8'	6-8'	10-11'
			8/29/2005			8/29/2005		8/29/2005	8/29/2005		8/29/2005		8/30/2005	
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**24**	**11,000**	<4.2	**25,000**	<4.4	**3.8**	**100,000**	**33**	**13,000**	**8.6**	**26**	**440**
1,1,1-Trichloroethane	µg/kg	20,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Trichloroethene	µg/kg	500	<3.9	<4.4	<4.2	**61**	<4.4	<3.8	**42**	<3.9	<5.2	<4.2	<3.7	**13**
1,1-Dichloroethene	µg/kg	700	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
1,2-Dichloroethane	µg/kg	500	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
1,1-Dichloroethane	µg/kg	400,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Chloroethane	µg/kg	170	<7.8	<8.9	<8.4	<9.5	<8.7	<7.6	<12	<7.9	<10	<8.3	<7.3	<9.1
cis-1,2-Dichloroethene	µg/kg	7,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	**6.5**
trans-1,2-Dichloroethene	µg/kg	10,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Vinyl Chloride	µg/kg	200	<7.8	<8.9	<8.4	<9.5	<8.7	<7.6	<12	<7.9	<10	<8.3	<7.3	<9.1
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Ethylbenzene	µg/kg	70,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Toluene	µg/kg	100,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Chlorobenzene	µg/kg	10,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Cyclohexane	µg/kg	200,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
m,p-Xylene	µg/kg	1,000,000	<7.8	<8.9	<8.4	<9.5	<8.7	<7.6	<12	<7.9	<10	<8.3	<7.3	<9.1
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<39	<44	<42	<48	<44	<38	<61	<39	<52	<42	<37	<45
Acetone	µg/kg	400,000	<78	<89	<84	<95	<87	<76	<120	<79	<100	<83	<73	<91
Bromomethane	µg/kg	800	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Carbon Disulfide	µg/kg	400,000	<7.8	<8.9	<8.4	<9.5	<8.7	<7.6	<12	<7.9	<10	<8.3	<7.3	**10**
Methylcyclohexane	µg/kg	500	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5
Methylene Chloride	µg/kg	500	<3.9	<4.4	<4.2	<4.8	<4.4	<3.8	<6.1	<3.9	<5.2	<4.2	<3.7	<4.5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-13. Summary of VOCs Detected in Soil from MACTEC Samples from GP-31 to GP-61, 2005.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			GP-41			GP-42			GP-43	GP-44	GP-45		GP-46	GP-47	GP-48
			6-8'	8-10'	10-11.5'	4-6'	10-12'	10-12'	4-6'	4-6'	4-6'	8-10'	4-6'	4-6'	0-4'
				8/30/2005			8/30/2005		8/30/2005	8/30/2005	8/30/2005		8/30/2005	8/30/2005	8/30/2005
Chlorinated VOCs		Type 1 RRS													
Tetrachloroethene	µg/kg	500	<3.9	**91**	<310	**140**	**60.0**	**6.3**	<3.9	**22**	**41**	<4.2	<4.2	**9.2**	<4.2
1,1,1-Trichloroethane	µg/kg	20,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Trichloroethene	µg/kg	500	<3.9	<4.4	<310	**5.2**	**8.0**	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
1,1-Dichloroethene	µg/kg	700	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
1,2-Dichloroethane	µg/kg	500	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
1,1-Dichloroethane	µg/kg	400,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Chloroethane	µg/kg	170	<7.8	<8.7	<620	<7.5	<9.6	<8.3	<7.8	<8.1	<8.3	<8.4	<8.4	<8.5	<8.3
cis-1,2-Dichloroethene	µg/kg	7,000	<3.9	**6.7**	**440**	**5.8**	**18**	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
trans-1,2-Dichloroethene	µg/kg	10,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Vinyl Chloride	µg/kg	200	<7.8	<8.7	<620	<7.5	<9.6	<8.3	<7.8	<8.1	<8.3	<8.4	<8.4	<8.5	<8.3
Aromatic Hydrocarbons															
Benzene	µg/kg	500	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Ethylbenzene	µg/kg	70,000	<3.9	<4.4	**1,800**	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Toluene	µg/kg	100,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Chlorobenzene	µg/kg	10,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Cyclohexane	µg/kg	200,000	<3.9	**18**	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
m,p-Xylene	µg/kg	1,000,000	<7.8	<8.7	**1,700**	<7.5	<9.6	<8.3	<7.8	<8.1	<8.3	<8.4	<8.4	<8.5	<8.3
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	<3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<3.9	<4.4	**7,800**	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Non-Chlorinated VOCs															
2-Butanone	µg/kg	200,000	<39	<44	<3,100	<38	<48	<42	<39	<40	<42	<42	<42	<43	<42
Acetone	µg/kg	400,000	<78	<87	<6,200	<75	<86	<83	<78	<81	<83	<84	<84	<85	<83
Bromomethane	µg/kg	800	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2
Carbon Disulfide	µg/kg	400,000	<7.8	**14**	<620	<7.5	<9.6	<8.3	<7.8	<8.1	**29**	<8.4	<8.4	<8.5	<8.3
Methylcyclohexane	µg/kg	500	<3.9	**1,200**	**910**	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	**59**
Methylene Chloride	µg/kg	500	<3.9	<4.4	<310	<3.8	<4.8	<4.2	<3.9	<4.0	<4.2	<4.2	<4.2	<4.3	<4.2

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-13. Summary of VOCs Detected in Soil from MACTEC Samples from GP-31 to GP-61, 2005.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			GP-49	GP-50	GP-51	GP-52	GP-53	GP-54		GP-55	GP-56		GP-57	GP-58
			2-4'	0-4'	2-4'	2-4'	0-4'	0-4'	4-6'	0-4'	0-4'	4-6'	0-4'	0-4'
			8/30/2005	8/30/2005	8/30/2005	8/30/2005	8/30/2005	8/30/2005		8/30/2005	8/30/2005		8/30/2005	8/30/2005
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**2,800**	**7,800**	**20**	**64**	**40**	<4.0	<4.5	<4.5	<4.4	**8.8**	**34**	**78**
1,1,1-Trichloroethane	µg/kg	20,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Trichloroethene	µg/kg	500	**7.4**	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
1,1-Dichloroethene	µg/kg	700	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
1,2-Dichloroethane	µg/kg	500	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
1,1-Dichloroethane	µg/kg	400,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Chloroethane	µg/kg	170	<8.9	<9.0	<7.7	<6.3	<8.4	<7.9	<8.9	<9.0	<8.8	<9.8	<8.4	<8.8
cis-1,2-Dichloroethene	µg/kg	7,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	**7.5**
trans-1,2-Dichloroethene	µg/kg	10,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Vinyl Chloride	µg/kg	200	<8.9	<9.0	<7.7	<6.3	<8.4	<7.9	<8.9	<9.0	<8.8	<9.8	<8.4	<8.8
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Ethylbenzene	µg/kg	70,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Toluene	µg/kg	100,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Chlorobenzene	µg/kg	10,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Cyclohexane	µg/kg	200,000	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	<4.5	<4.5	<3.8	<3.8	<4.2	<4.0	<4.5	<4.5	<4.4	<4.4	<4.2	<4.4
m,p-Xylene	µg/kg	1,000,000	<8.9	<9.0	<7.7	<6.3	<8.4	<7.9	<8.9	<9.0	<8.8	<9.8	<8.4	<8.8
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<45	<45	<38	<31	<42	<40	<45	<45	<44	<49	<42	<44
Acetone	µg/kg	400,000	<89	<90	<77	<63	<84	<79	<89	<90	<88	<98	<84	<88
Bromomethane	µg/kg	800	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Carbon Disulfide	µg/kg	400,000	<8.9	<9.0	<7.7	<6.3	<8.4	<7.9	<8.9	<9.0	<8.8	<9.8	<8.4	<8.8
Methylcyclohexane	µg/kg	500	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4
Methylene Chloride	µg/kg	500	<4.5	<4.5	<3.8	<3.1	<4.2	<4.0	<4.5	<4.5	<4.4	<4.9	<4.2	<4.4

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-13. Summary of VOCs Detected in Soil from MACTEC Samples from GP-31 to GP-61, 2005.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			GP-59		GP-60		GP-61	
			0-2'	6-8'	2-4'	10-12'	0-2'	6-8'
			9/2/2005		9/2/2005		9/2/2005	
Chlorinated VOCs		Type 1 RRS						
Tetrachloroethene	µg/kg	500	<4.2	<4.4	**7.4**	<3.9	<3.9	<4.5
1,1,1-Trichloroethane	µg/kg	20,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Trichloroethene	µg/kg	500	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
1,1-Dichloroethene	µg/kg	700	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
1,2-Dichloroethane	µg/kg	500	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
1,1-Dichloroethane	µg/kg	400,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Chloroethane	µg/kg	170	<8.4	<8.9	<8.3	<7.8	<7.7	<8.9
cis-1,2-Dichloroethene	µg/kg	7,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
trans-1,2-Dichloroethene	µg/kg	10,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Vinyl Chloride	µg/kg	200	<8.4	<8.9	<8.3	<7.8	<7.7	<8.9
Aromatic Hydrocarbons								
Benzene	µg/kg	500	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Ethylbenzene	µg/kg	70,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Toluene	µg/kg	100,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Chlorobenzene	µg/kg	10,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Cyclohexane	µg/kg	200,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Naphthalene	µg/kg	100,000	NA	NA	NA	NA	NA	NA
o-Xylene	µg/kg	1,000,000	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
m,p-Xylene	µg/kg	1,000,000	<8.4	<8.9	<8.3	<7.8	<7.7	<8.9
Xylenes, Total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Non-Chlorinated VOCs								
2-Butanone	µg/kg	200,000	<42	<44	<41	<39	<39	<45
Acetone	µg/kg	400,000	<84	<89	<83	<78	<77	<89
Bromomethane	µg/kg	800	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Carbon Disulfide	µg/kg	400,000	<8.4	<8.9	<8.3	<7.8	<7.7	<8.9
Methylcyclohexane	µg/kg	500	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5
Methylene Chloride	µg/kg	500	<4.2	<4.4	<4.1	<3.9	<3.9	<4.5

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

Table A-14. Summary of VOCs Detected in Soil Samples Collected by AEM, 2006.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	GP-33		GP-34		GP-35		GP-36		GP-37		GP-38	
		Depth	2-4'	4-6'	2-4'	4-6'	2-4'	4-6'	2-4'	4-6'	2-4'	4-6'	2-4'	4-6'
		Date	1/24/2006		1/24/2006		1/24/2006		1/24/2006		1/24/2006		1/24/2006	
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	**11**	<5	<3.2	**6.9**
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
1,1-Dichloroethene	µg/kg	700	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
1,2-Dichloroethane	µg/kg	500	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
1,1-Dichloroethane	µg/kg	400,000	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Chloroethane	µg/kg	170	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
cis-1,2-Dichloroethene	µg/kg	7,000	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
trans-1,2-Dichloroethene	µg/kg	10,000	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Vinyl Chloride	µg/kg	200	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Ethylbenzene	µg/kg	70,000	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Toluene	µg/kg	100,000	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	**4.1**	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<9.2	<10	<10	<10	<11	<9.8	<9.2	<11	<9.6	<15	<9.6	<14
Isopropylbenzene	µg/kg	21,888	<3.1	<3.5	<3.5	<3.5	<3.5	<3.3	<3.1	<3.8	<3.2	<5	<3.2	<4.6
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected

Table A-15. Summary of VOCs Detected in Soil from AEM Samples GP-1 to AEM GP-17, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			AEM GP-1		AEM GP-2		AEM GP-3		AEM GP-4		AEM GP-5	
			3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'
			8/5/2008		8/5/2008		8/5/2008		8/5/2008		8/5/2008	
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	<2.7	<2.5	<2.8	<3.3	**19**	**190**	**23**	**590**	**13**	**56**
1,1,1-Trichloroethane	µg/kg	20,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Trichloroethene	µg/kg	500	<2.7	<2.5	<2.8	<3.3	<3.3	**53**	**14**	<160	**9.5**	**120**
1,1-Dichloroethene	µg/kg	700	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
1,2-Dichloroethane	µg/kg	500	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
1,1-Dichloroethane	µg/kg	400,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Chloroethane	µg/kg	170	<5.3	<4.9	<5.6	<6.5	<6.7	<7.0	<5.9	<320	<6.3	<6.6
cis-1,2-Dichloroethene	µg/kg	7,000	<2.7	<2.5	<2.8	<3.3	<3.3	**540**	**5.8**	**2,100**	**12**	**1,600**
trans-1,2-Dichloroethene	µg/kg	10,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Vinyl Chloride	µg/kg	200	<5.3	<4.9	<5.6	<6.5	<6.7	<7.0	<5.9	<320	<6.3	<6.6
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Ethylbenzene	µg/kg	70,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Toluene	µg/kg	100,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Chlorobenzene	µg/kg	10,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Cyclohexane	µg/kg	200,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Naphthalene	µg/kg	100,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	**3.7**
o-Xylene	µg/kg	1,000,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
m,p-Xylene	µg/kg	1,000,000	<5.3	<4.9	<5.6	<6.5	<6.7	<7.0	<5.9	<320	<6.3	<6.6
Xylenes, Total	µg/kg	1,000,000	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	**320**	<3.1	<3.3
Isopropylbenzene	µg/kg	21,888	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	**700**	<3.1	**8.0**
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<27	<25	<28	<33	<33	<35	<30	<1,600	<31	<33
Acetone	µg/kg	400,000	<53	<49	<56	<65	<67	<70	<59	<3,200	<63	<66
Bromomethane	µg/kg	800	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Carbon Disulfide	µg/kg	400,000	<5.3	<4.9	<5.6	<6.5	<6.7	<7.0	<5.9	<320	<6.3	<6.6
Methylcyclohexane	µg/kg	500	<2.7	<2.5	<2.8	<3.3	<3.3	<3.5	<3.0	<160	<3.1	<3.3
Methylene Chloride	µg/kg	500	<11	<9.9	<11	<13	<13	<14	<12	<650	<13	<13

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table A-15. Summary of VOCs Detected in Soil from AEM Samples GP-1 to AEM GP-17, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			AEM GP-6		AEM GP-7		AEM GP-8		AEM GP-9		AEM GP-10	
			3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	7.5-8'
			8/5/2008		8/5/2008		8/5/2008		8/5/2008		8/5/2008	
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	**80**	**120**	**24**	**57**	**66**	**150,000**	**53**	**23,000**	**60**	**480,000**
1,1,1-Trichloroethane	µg/kg	20,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Trichloroethene	µg/kg	500	**61**	**9.5**	<2.9	**6.8**	**10**	**4,300**	<2.8	**1,000**	<3.3	**1,700**
1,1-Dichloroethene	µg/kg	700	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
1,2-Dichloroethane	µg/kg	500	<2.9	<3.8	<2.9	<3.2	<2.5	<1,600	<2.8	<3.0	<3.3	<1,500
1,1-Dichloroethane	µg/kg	400,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Chloroethane	µg/kg	170	<5.7	<7.6	<5.8	<6.5	<5.4	<3,300	<5.7	<6.0	<6.5	<2,900
cis-1,2-Dichloroethene	µg/kg	7,000	<2.9	**93**	<2.9	**9.2**	**5.1**	**3,600**	**3.7**	**640**	<3.3	<1,500
trans-1,2-Dichloroethene	µg/kg	10,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	**3.9**	<3.3	<1,500
Vinyl Chloride	µg/kg	200	<5.7	<7.6	<5.8	<6.5	<5.4	<3,300	<5.7	<6.0	<6.5	<2,900
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Ethylbenzene	µg/kg	70,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	**6.1**	<3.3	<1,500
Toluene	µg/kg	100,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Chlorobenzene	µg/kg	10,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Cyclohexane	µg/kg	200,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Naphthalene	µg/kg	100,000	<2.9	<3.8	<2.9	**3.6**	<2.7	<1,600	<2.8	**7.1**	<3.3	<1,500
o-Xylene	µg/kg	1,000,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
m,p-Xylene	µg/kg	1,000,000	<5.7	<7.6	<5.8	<6.5	<5.4	<3,300	<5.7	<6.0	<6.5	<2,900
Xylenes, Total	µg/kg	1,000,000	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	**6.1**	<3.3	<1,500
Isopropylbenzene	µg/kg	21,888	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	**38**	<3.3	<1,500
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<29	<38	<29	<32	<27	<16,000	<28	**34**	<33	<15,000
Acetone	µg/kg	400,000	**80**	<76	<58	**130**	<54	<33,000	<57	**410 E**	**100**	<29,000
Bromomethane	µg/kg	800	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	<3.0	<3.3	<1,500
Carbon Disulfide	µg/kg	400,000	<5.7	<7.6	<5.8	<6.5	<5.4	<3,300	<5.7	<6.0	<6.5	<2,900
Methylcyclohexane	µg/kg	500	<2.9	<3.8	<2.9	<3.2	<2.7	<1,600	<2.8	**9.8**	<3.3	<1,500
Methylene Chloride	µg/kg	500	<11	<15	<12	<13	<11	<6,600	<11	<12	<13	<5,800

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table A-15. Summary of VOCs Detected in Soil from AEM Samples GP-1 to AEM GP-17, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			AEM GP-11		AEM GP-12			AEM GP-13		AEM GP-14		AEM GP-15		
			3.5-4'	7.5-8'	3.5-4'	7.5-8'	7.5-8' DUP	3.5-4'	7.5-8'	3.5-4'	7.5-8'	3.5-4'	3.5-4' DUP	7.5-8'
			8/5/2008		8/5/2008			8/5/2008		8/5/2008		8/5/2008		
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**12**	**13**	**900**	**67**	**94**	<3.1	**14**	**38**	**18**	<2.9	<3.3	**26**
1,1,1-Trichloroethane	µg/kg	20,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Trichloroethene	µg/kg	500	<2.8	**34**	**66**	**10**	**25**	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
1,1-Dichloroethene	µg/kg	700	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
1,2-Dichloroethane	µg/kg	500	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
1,1-Dichloroethane	µg/kg	400,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Chloroethane	µg/kg	170	<5.5	<5.1	<5.8	<5.5	<6.0	<6.2	<7.0	<6.3	<6.8	<5.8	<6.6	<7.0
cis-1,2-Dichloroethene	µg/kg	7,000	<2.8	**2,000**	**53**	**23**	**46**	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
trans-1,2-Dichloroethene	µg/kg	10,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Vinyl Chloride	µg/kg	200	<5.5	**710**	<5.8	<5.5	<6.0	<6.2	<7.0	<6.3	<6.8	<5.8	<6.6	<7.0
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Ethylbenzene	µg/kg	70,000	<2.8	**14**	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Toluene	µg/kg	100,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Chlorobenzene	µg/kg	10,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Cyclohexane	µg/kg	200,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Naphthalene	µg/kg	100,000	**3.6**	**8.8**	**3.6**	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
o-Xylene	µg/kg	1,000,000	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
m,p-Xylene	µg/kg	1,000,000	<5.5	<5.1	<5.8	<5.5	<6.0	<6.2	<7.0	<6.3	<6.8	<5.8	<6.6	<7.0
Xylenes, Total	µg/kg	1,000,000	<2.8	**2.8**	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Isopropylbenzene	µg/kg	21,888	<2.8	**21**	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<28	<25	<29	<28	<30	<31	<35	<31	<34	<29	<33	<35
Acetone	µg/kg	400,000	<55	<51	**110**	<55	<60	<62	<70	<63	<68	<58	<66	<70
Bromomethane	µg/kg	800	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Carbon Disulfide	µg/kg	400,000	<5.5	<5.1	<5.8	<5.5	<6.0	<6.2	<7.0	<6.3	<6.8	<5.8	<6.6	<7.0
Methylcyclohexane	µg/kg	500	<2.8	<2.5	<2.9	<2.8	<3.0	<3.1	<3.5	<3.1	<3.4	<2.9	<3.3	<3.5
Methylene Chloride	µg/kg	500	<11	<10	<12	<11	<12	<12	<14	<13	<14	<12	<13	<14

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table A-15. Summary of VOCs Detected in Soil from AEM Samples GP-1 to AEM GP-17, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			AEM GP-16		AEM GP-17	
			3.5-4'	7.5-8'	3.5-4'	7.5-8'
			8/5/2008		8/5/2008	
Chlorinated VOCs		Type 1 RRS				
Tetrachloroethene	µg/kg	500	<2.6	<3.4	<3.8	**3.7**
1,1,1-Trichloroethane	µg/kg	20,000	<2.6	<3.4	<3.8	<3.1
Trichloroethene	µg/kg	500	<2.6	<3.4	<3.8	<3.1
1,1-Dichloroethene	µg/kg	700	<2.6	<3.4	<3.8	<3.1
1,2-Dichloroethane	µg/kg	500	<2.6	<3.4	<3.8	<3.1
1,1-Dichloroethane	µg/kg	400,000	<2.6	<3.4	<3.9	<3.1
Chloroethane	µg/kg	170	<5.1	<6.8	<7.6	<6.2
cis-1,2-Dichloroethene	µg/kg	7,000	<2.6	<3.4	<3.8	<3.1
trans-1,2-Dichloroethene	µg/kg	10,000	<2.6	<3.4	<3.8	<3.1
Vinyl Chloride	µg/kg	200	<5.1	<6.8	<7.6	<6.2
Aromatic Hydrocarbons						
Benzene	µg/kg	500	<2.6	<3.4	<3.8	<3.1
Ethylbenzene	µg/kg	70,000	<2.6	<3.4	<3.8	<3.1
Toluene	µg/kg	100,000	<2.6	<3.4	<3.8	<3.1
Chlorobenzene	µg/kg	10,000	<2.6	<3.4	<3.8	<3.1
Cyclohexane	µg/kg	200,000	<2.6	<3.4	<3.8	<3.1
Naphthalene	µg/kg	100,000	<2.6	<3.4	<3.8	<3.1
o-Xylene	µg/kg	1,000,000	<2.6	<3.4	<3.8	<3.1
m,p-Xylene	µg/kg	1,000,000	<5.1	<6.8	<7.6	<6.2
Xylenes, Total	µg/kg	1,000,000	<2.6	<3.4	<3.8	<3.1
Isopropylbenzene	µg/kg	21,888	<2.6	<3.4	<3.8	<3.1
Non-Chlorinated VOCs						
2-Butanone	µg/kg	200,000	<26	<34	<38	<31
Acetone	µg/kg	400,000	<51	<68	<76	<62
Bromomethane	µg/kg	800	<2.6	<3.4	<3.8	<3.1
Carbon Disulfide	µg/kg	400,000	<5.1	<6.8	<7.6	<6.2
Methylcyclohexane	µg/kg	500	<2.6	<3.4	<3.8	<3.1
Methylene Chloride	µg/kg	500	<10	<14	<15	<12

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-01		DS-02		DS-03		DS-04		DS-05	
			13.5'	15.5'	12'	15'	9.5'	12.5'	10.5'	13.5'	11.5'	14.5'
			11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
1,1,1-Trichloroethane	µg/kg	20,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Trichloroethene	µg/kg	500	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
1,1-Dichloroethene	µg/kg	700	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
1,2-Dichloroethane	µg/kg	500	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
1,1-Dichloroethane	µg/kg	400,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Chloroethane	µg/kg	170	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
cis-1,2-Dichloroethene	µg/kg	7,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
trans-1,2-Dichloroethene	µg/kg	10,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Vinyl Chloride	µg/kg	200	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Ethylbenzene	µg/kg	70,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Toluene	µg/kg	100,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Chlorobenzene	µg/kg	10,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Cyclohexane	µg/kg	200,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Naphthalene	µg/kg	100,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
o-Xylene	µg/kg	1,000,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
m,p-Xylene	µg/kg	1,000,000	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
Xylenes, Total	µg/kg	1,000,000	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Isopropylbenzene	µg/kg	21,888	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<50	<55	<45	<59	<59	<59	<62	<69	<62	<53
2-Hexanone	µg/kg	NR	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
4-Methyl-2-pentanone	µg/kg	200,000	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
Acetone	µg/kg	400,000	<99	<110	<89	<120	<120	<120	<120	<140	<120	<110
Bromomethane	µg/kg	800	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Carbon Disulfide	µg/kg	400,000	<9.9	<11	<8.9	<12	<12	<12	<12	<14	<12	<11
Methylcyclohexane	µg/kg	500	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3
Methylene Chloride	µg/kg	500	<20	<22	<18	<24	<23	<23	<25	<28	<25	<21
Methyl tert-butyl ether	µg/kg	NR	<5.0	<5.5	<4.5	<5.9	<5.9	<5.9	<6.2	<6.9	<6.2	<5.3

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-06		DS-07		DS-08		DS-09		DS-10		
			11.5'	14.5'	14.5'	17.5'	14.5'	17.5'	11.5'	14.5'	8'	11.5'	14.5'
			11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		
Chlorinated VOCs		Type 1 RRS											
Tetrachloroethene	µg/kg	500	<6.4	<6.0	**16**	<5.1	**100**	**25**	**12**	**32**	**12**	**15**	<6.3
1,1,1-Trichloroethane	µg/kg	20,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Trichloroethene	µg/kg	500	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
1,1-Dichloroethene	µg/kg	700	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
1,2-Dichloroethane	µg/kg	500	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
1,1-Dichloroethane	µg/kg	400,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Chloroethane	µg/kg	170	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
cis-1,2-Dichloroethene	µg/kg	7,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
trans-1,2-Dichloroethene	µg/kg	10,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Vinyl Chloride	µg/kg	200	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
Aromatic Hydrocarbons													
Benzene	µg/kg	500	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Ethylbenzene	µg/kg	70,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Toluene	µg/kg	100,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Chlorobenzene	µg/kg	10,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Cyclohexane	µg/kg	200,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Naphthalene	µg/kg	100,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
o-Xylene	µg/kg	1,000,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
m,p-Xylene	µg/kg	1,000,000	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
Xylenes, Total	µg/kg	1,000,000	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Isopropylbenzene	µg/kg	21,888	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Non-Chlorinated VOCs													
2-Butanone	µg/kg	200,000	<64	<60	<50	<51	<50	<46	<80	<61	<55	<51	<63
2-Hexanone	µg/kg	NR	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
4-Methyl-2-pentanone	µg/kg	200,000	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
Acetone	µg/kg	400,000	<130	<120	<100	<100	<100	<91	<160	<120	<110	<100	<130
Bromomethane	µg/kg	800	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Carbon Disulfide	µg/kg	400,000	<13	<12	<10	<10	<10	<9.1	<16	<12	<11	<10	<13
Methylcyclohexane	µg/kg	500	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3
Methylene Chloride	µg/kg	500	<26	<24	<20	<20	<20	<18	<32	<24	<22	<21	<25
Methyl tert-butyl ether	µg/kg	NR	<6.4	<6.0	<5.0	<5.1	<5.0	<4.6	<8.0	<6.1	<5.5	<5.1	<6.3

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-11			DS-12			DS-13		DS-14		DS-15	
			8'	11.5'	14.5'	8'	11.5'	14.5'	14.5'	17.5'	13.5'	16.5'	14.5'	16.5'
			11/24/2008			11/24/2008			11/24/2008		11/25/2008		11/25/2008	
Chlorinated VOCs		Type 1 RRS												
Tetrachloroethene	µg/kg	500	**19**	<7.9	<7.2	<8.2	<6.2	<5.5	**11**	<5.4	**110**	**49**	**43**	**850**
1,1,1-Trichloroethane	µg/kg	20,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Trichloroethene	µg/kg	500	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	**16**
1,1-Dichloroethene	µg/kg	700	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
1,2-Dichloroethane	µg/kg	500	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
1,1-Dichloroethane	µg/kg	400,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Chloroethane	µg/kg	170	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
cis-1,2-Dichloroethene	µg/kg	7,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	**7.2**
trans-1,2-Dichloroethene	µg/kg	10,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Vinyl Chloride	µg/kg	200	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
Aromatic Hydrocarbons														
Benzene	µg/kg	500	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Ethylbenzene	µg/kg	70,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Toluene	µg/kg	100,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Chlorobenzene	µg/kg	10,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Cyclohexane	µg/kg	200,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Naphthalene	µg/kg	100,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
o-Xylene	µg/kg	1,000,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
m,p-Xylene	µg/kg	1,000,000	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
Xylenes, Total	µg/kg	1,000,000	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Isopropylbenzene	µg/kg	21,888	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Non-Chlorinated VOCs														
2-Butanone	µg/kg	200,000	<51	<79	<72	<82	<62	<55	<59	<54	<46	<49	<54	<44
2-Hexanone	µg/kg	NR	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
4-Methyl-2-pentanone	µg/kg	200,000	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
Acetone	µg/kg	400,000	<100	<160	<140	<160	<120	<110	<120	<110	<93	<99	<110	<88
Bromomethane	µg/kg	800	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Carbon Disulfide	µg/kg	400,000	<10	<16	<14	<16	<12	<11	<12	<11	<9.3	<9.9	<11	<8.8
Methylcyclohexane	µg/kg	500	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4
Methylene Chloride	µg/kg	500	<21	<31	<29	<33	<25	<22	<24	<22	<19	<20	<22	<18
Methyl tert-butyl ether	µg/kg	NR	<5.1	<7.9	<7.2	<8.2	<6.2	<5.5	<5.9	<5.4	<4.6	<4.9	<5.4	<4.4

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-16			DS-17			DS-18			DS-19		DS-20		
			8'	11.5'	14.5'	8'	11.5'	14.5'	8'	11.5'	14.5'	11.5'	14.5'	9.5'	12.5'	14.5'
				11/25/2008			11/25/2008			11/25/2008		11/25/2008			11/25/2008	
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/kg	500	**29**	**88**	**8.3**	**7.6**	**420**	**55**	<4.0	**9.5**	**9.8**	**870**	<5.0	**110,000**	**27,000**	<5.1
1,1,1-Trichloroethane	µg/kg	20,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Trichloroethene	µg/kg	500	<4.1	<4.5	<5.2	<5.5	**36**	<5.1	<4.0	<5.1	<4.9	**8.4**	<5.0	**1,200**	**170**	<5.1
1,1-Dichloroethene	µg/kg	700	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
1,2-Dichloroethane	µg/kg	500	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
1,1-Dichloroethane	µg/kg	400,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Chloroethane	µg/kg	170	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	<11	<10
cis-1,2-Dichloroethene	µg/kg	7,000	**69**	**170**	<5.2	<5.5	**29**	<5.1	<4.0	<5.1	<4.9	**32**	<5.0	**1,500**	**690**	<5.1
trans-1,2-Dichloroethene	µg/kg	10,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Vinyl Chloride	µg/kg	200	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	**13**	<10
Aromatic Hydrocarbons																
Benzene	µg/kg	500	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Ethylbenzene	µg/kg	70,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Toluene	µg/kg	100,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Chlorobenzene	µg/kg	10,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Cyclohexane	µg/kg	200,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Naphthalene	µg/kg	100,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	**35**	<5.1
o-Xylene	µg/kg	1,000,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	**260**	<5.1
m,p-Xylene	µg/kg	1,000,000	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	**260**	<10
Xylenes, Total	µg/kg	1,000,000	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	**360**	**520**	<5.1
Isopropylbenzene	µg/kg	21,888	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	**310**	<5.1
Non-Chlorinated VOCs																
2-Butanone	µg/kg	200,000	<41	<45	<52	<55	<57	<51	<40	<51	<49	<39	<50	<2,400	<53	<51
2-Hexanone	µg/kg	NR	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	<11	<10
4-Methyl-2-pentanone	µg/kg	200,000	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	<11	<10
Acetone	µg/kg	400,000	<81	<91	<100	<110	<110	<100	<79	<100	<98	<77	<100	<4,700	<110	<100
Bromomethane	µg/kg	800	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1
Carbon Disulfide	µg/kg	400,000	<8.1	<9.1	<10	<11	<11	<10	<7.9	<10	<9.8	<7.7	<10	<470	<11	<10
Methylcyclohexane	µg/kg	500	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	**20**	<5.1
Methylene Chloride	µg/kg	500	<16	<18	<21	<22	<23	<20	<16	<20	<20	<15	<20	<950	<21	<20
Methyl tert-butyl ether	µg/kg	NR	<4.1	<4.5	<5.2	<5.5	<5.7	<5.1	<4.0	<5.1	<4.9	<3.9	<5.0	<240	<5.3	<5.1

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-22			DS-23			DS-24			DS-25			DS-26		
			8'	11.5'	14.5'	8'	11.5'	14.5'	8'	11.5'	14.5'	8'	11.5'	14.5'	8'	9.5'	14.5'
				11/25/2008			11/25/2008			11/25/2008			11/25/2008			11/25/2008	
Chlorinated VOCs		Type 1 RRS															
Tetrachloroethene	µg/kg	500	**33**	**620**	**1,200**	**7,000**	**4,700**	**1,800**	**24,000**	**11,000**	<5.1	**6,900**	**1,900**	**430**	**8.7**	**2,400**	**910**
1,1,1-Trichloroethane	µg/kg	20,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
Trichloroethene	µg/kg	500	<4.1	**25**	**21**	**150**	<300	<4.4	**890**	**2,300**	<5.1	**62**	**36**	**22**	<4.1	**34**	**14**
1,1-Dichloroethene	µg/kg	700	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	**4.1**	<4.0
1,2-Dichloroethane	µg/kg	500	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
1,1-Dichloroethane	µg/kg	400,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
Chloroethane	µg/kg	170	<8.2	<9.5	<9.8	<7.6	<600	<8.9	<6.9	<9.9	<10	<7.6	<10	<8.7	<8.2	<7.9	<8.0
cis-1,2-Dichloroethene	µg/kg	7,000	<4.1	**6.2**	**9.1**	**280**	<300	<4.4	**550**	**2,500**	<5.1	**96**	**1,100**	**270**	**16**	**2,300**	**200**
trans-1,2-Dichloroethene	µg/kg	10,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	**3.9**	<4.9	<5.1	<3.8	**8.4**	<4.3	<4.1	<4.0	<4.0
Vinyl Chloride	µg/kg	200	<8.2	<9.5	<9.8	<7.6	<600	<8.9	<6.9	**11**	<10	**100**	**260**	<8.7	<8.2	**16**	<8.0
Aromatic Hydrocarbons																	
Benzene	µg/kg	500	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	**4.4**	<4.0
Ethylbenzene	µg/kg	70,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	**88**	<5.1	<3.8	**170**	<4.3	<4.1	**130**	<4.0
Toluene	µg/kg	100,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
Chlorobenzene	µg/kg	10,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
Cyclohexane	µg/kg	200,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	**7.0**	<4.0
Naphthalene	µg/kg	100,000	<4.1	<4.8	<4.9	**6.1**	<300	<4.4	<3.5	**99**	<5.1	<3.8	**180**	<4.3	<4.1	**98**	<4.0
o-Xylene	µg/kg	1,000,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	**180**	**6.4**	<4.1	**36**	<4.0
m,p-Xylene	µg/kg	1,000,000	<8.2	<9.5	<9.8	<7.6	<600	<8.9	<6.9	**190**	<10	<7.6	**250**	<8.7	<8.2	**400**	<8.0
Xylenes, Total	µg/kg	1,000,000	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	**190**	<5.1	<3.8	**420**	**6.4**	<4.1	**450**	<4.0
Isopropylbenzene	µg/kg	21,888	<4.1	<4.8	<4.9	<3.8	**390**	<4.4	<3.5	**2,900**	<5.1	<3.8	**420**	<4.3	<4.1	**840**	<4.0
Non-Chlorinated VOCs																	
2-Butanone	µg/kg	200,000	<41	<48	<49	<38	<3,000	<44	<35	<49	<51	<38	<52	<43	<41	<40	<40
2-Hexanone	µg/kg	NR	<8.2	<9.5	<9.8	**110**	<600	<8.9	<6.9	<9.9	<10	<7.6	<10	<8.7	<8.2	<7.9	<8.0
4-Methyl-2-pentanone	µg/kg	200,000	<8.2	<9.5	<9.8	<7.6	<600	<8.9	<6.9	<9.9	<10	<7.6	<10	<8.7	<8.2	<7.9	<8.0
Acetone	µg/kg	400,000	<82	<95	<98	<76	<6,000	<89	<69	<99	<100	<76	<100	<87	<82	<79	<80
Bromomethane	µg/kg	800	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0
Carbon Disulfide	µg/kg	400,000	<8.2	<9.5	<9.8	<7.6	<600	<8.9	<6.9	<9.9	<10	<7.6	<10	<8.7	<8.2	<7.9	<8.0
Methylcyclohexane	µg/kg	500	<4.1	<4.8	<4.9	**6.4**	<300	<4.4	<3.5	**38**	<5.1	<3.8	**54**	<4.3	<4.1	**50**	<4.0
Methylene Chloride	µg/kg	500	<16	<19	<20	<15	<1,200	<18	<14	<20	<20	<15	<21	<17	<16	<16	<16
Methyl tert-butyl ether	µg/kg	NR	<4.1	<4.8	<4.9	<3.8	<300	<4.4	<3.5	<4.9	<5.1	<3.8	<5.2	<4.3	<4.1	<4.0	<4.0

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-27		DS-28		DS-29			DS-30			DS-31		DS-32	
			11.5'	17.5'	12.5'	17.5'	9.5'	13.5'	17.5'	9.5'	14.5'	19.5'	9.5'	14.5'	9.5'	14.5'
			11/25/2008		11/25/2008		11/26/2008			11/26/2008			11/26/2008		11/26/2008	
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/kg	500	**21**	**59**	**400**	**43**	<3.8	<3.7	**1,600**	**83**	**700**	**85**	**150**	**33**	**67**	**2,200**
1,1,1-Trichloroethane	µg/kg	20,000	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Trichloroethene	µg/kg	500	<3.8	<4.0	<3.6	<4.5	<3.8	**5.1**	**34**	<4.0	**16**	<4.5	**670**	**120**	**93**	**940**
1,1-Dichloroethene	µg/kg	700	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
1,2-Dichloroethane	µg/kg	500	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
1,1-Dichloroethane	µg/kg	400,000	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Chloroethane	µg/kg	170	<7.6	<8.0	<7.1	<9.0	<7.6	<7.3	<7.7	<8.0	<9.7	<9.1	<8.1	<10	<10	<11
cis-1,2-Dichloroethene	µg/kg	7,000	<3.8	<4.0	<3.6	<4.5	**1,400**	**1,300**	**160 E**	**6.6**	**45**	<4.5	**1,300**	**700**	**450**	**1,400**
trans-1,2-Dichloroethene	µg/kg	10,000	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	**9.6**	<5.1	<5.1	<5.4
Vinyl Chloride	µg/kg	200	<7.6	<8.0	<7.1	<9.0	**270**	**69**	<7.7	<8.0	<9.7	<9.1	<8.1	**21**	<10	**21**
Aromatic Hydrocarbons																
Benzene	µg/kg	500	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Ethylbenzene	µg/kg	70,000	<3.8	<4.0	<3.6	<4.5	**540**	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Toluene	µg/kg	100,000	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Chlorobenzene	µg/kg	10,000	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Cyclohexane	µg/kg	200,000	<3.8	<4.0	<3.6	<4.5	**7.4**	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Naphthalene	µg/kg	100,000	<3.8	<4.0	<3.6	<4.5	**130**	**4.5**	<3.9	**65**	<4.9	<4.5	<4.1	**54**	<5.1	**24**
o-Xylene	µg/kg	1,000,000	<3.8	<4.0	<3.6	<4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	<7.6	<8.0	<7.1	<9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<3.8	<4.0	<3.6	<4.5	**330**	<3.7	**15**	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	**18**
Isopropylbenzene	µg/kg	21,888	<3.8	<4.0	<3.6	<4.5	**3,100**	**33**	**6.4**	**660**	<4.9	<4.5	**16**	**400**	<5.1	**7.0**
Non-Chlorinated VOCs																
2-Butanone	µg/kg	200,000	<38	<40	<36	<45	<38	<37	<39	<40	<49	<45	<41	<51	<51	<54
2-Hexanone	µg/kg	NR	<7.6	<8.0	<7.1	<9.0	<7.6	<7.3	<7.7	<8.0	<9.7	<9.1	<8.1	<10	<10	<11
4-Methyl-2-pentanone	µg/kg	200,000	<7.6	<8.0	<7.1	<9.0	<7.6	<7.3	<7.7	<8.0	<9.7	<9.1	<8.1	<10	<10	<11
Acetone	µg/kg	400,000	<76	<80	<71	<90	<76	<73	<77	<80	<97	<91	<81	<100	<100	<110
Bromomethane	µg/kg	800	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4
Carbon Disulfide	µg/kg	400,000	<7.6	<8.0	<7.1	<9.0	<7.6	<7.3	<7.7	<8.0	<9.7	<9.1	<8.1	<10	<10	<11
Methylcyclohexane	µg/kg	500	<3.8	<4.0	<3.6	<4.5	**47**	<3.7	<3.9	**16**	<4.9	<4.5	<4.1	**28**	<5.1	<5.4
Methylene Chloride	µg/kg	500	<15	<16	<14	<18	<15	<15	<15	<16	<19	<18	<16	<21	<20	<21
Methyl tert-butyl ether	µg/kg	NR	<3.8	<4.0	<3.6	<4.5	<3.8	<3.7	<3.9	<4.0	<4.9	<4.5	<4.1	<5.1	<5.1	<5.4

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-33		DS-34			DS-35			DS-36			DS-37		
			9.5'	14.5'	9.5'	14.5'	19.5'	9.5'	14.5'	19.5'	9.5'	14.5'	19.5'	9.5'	14.5'	19.5'
			11/26/2008		11/26/2008			11/26/2008			11/26/2008			11/26/2008		
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/kg	500	**9.0**	**1,600**	**18**	<210	**85**	**14**	**68**	**160**	<5.9	**13**	<5.5	**120**	**55**	**110**
1,1,1-Trichloroethane	µg/kg	20,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Trichloroethene	µg/kg	500	**6.7**	**100**	<5.2	<210	<4.4	<3.7	**7.2**	**7.3**	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
1,1-Dichloroethene	µg/kg	700	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
1,2-Dichloroethane	µg/kg	500	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
1,1-Dichloroethane	µg/kg	400,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Chloroethane	µg/kg	170	<7.9	<7.3	<10	<420	<8.9	<7.4	<8.3	<9.8	<12	<11	<11	<9.0	<7.4	<8.4
cis-1,2-Dichloroethene	µg/kg	7,000	**66**	**460**	<5.2	<210	<4.4	**4.8**	**4.5**	**13**	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
trans-1,2-Dichloroethene	µg/kg	10,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Vinyl Chloride	µg/kg	200	<7.9	**16**	<10	<420	<8.9	<7.4	<8.3	<9.8	<12	<11	<11	<9.0	<7.4	<8.4
Aromatic Hydrocarbons																
Benzene	µg/kg	500	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Ethylbenzene	µg/kg	70,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Toluene	µg/kg	100,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Chlorobenzene	µg/kg	10,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Cyclohexane	µg/kg	200,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Naphthalene	µg/kg	100,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	µg/kg	1,000,000	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Isopropylbenzene	µg/kg	21,888	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Non-Chlorinated VOCs																
2-Butanone	µg/kg	200,000	<39	<36	<52	<2,100	<44	<37	<41	<49	<59	<54	<55	<45	<37	<42
2-Hexanone	µg/kg	NR	<7.9	<7.3	<10	<420	<8.9	<7.4	<8.3	<9.8	<12	<11	<11	<9.0	<7.4	<8.4
4-Methyl-2-pentanone	µg/kg	200,000	<7.9	<7.3	<10	**820**	<8.9	<7.4	<8.3	<9.8	<12	<11	<11	<9.0	<7.4	<8.4
Acetone	µg/kg	400,000	<7.9	<73	<100	<4,200	<89	<74	<83	<98	<120	<110	<110	<90	<74	<84
Bromomethane	µg/kg	800	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Carbon Disulfide	µg/kg	400,000	<7.9	<7.3	<10	<420	<8.9	<7.4	<8.3	<9.8	<12	<11	<11	<9.0	<7.4	<8.4
Methylcyclohexane	µg/kg	500	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2
Methylene Chloride	µg/kg	500	<16	<15	<21	<850	<18	<15	<17	<20	<24	<22	<22	<18	<15	<17
Methyl tert-butyl ether	µg/kg	NR	<3.9	<3.6	<5.2	<210	<4.4	<3.7	<4.1	<4.9	<5.9	<5.4	<5.5	<4.5	<3.7	<4.2

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-38			DS-39			DS-40		DS-41			DS-42		
			9.5'	14.5'	19.5'	9.5'	14.5'	19.5'	14.5'	21.5'	14.5'	19.5'	24.5'	14.5'	19.5'	24.5'
			11/26/2008			11/26/2008			12/3/2008		12/3/2008			12/3/2008		
Chlorinated VOCs		Type 1 RRS														
Tetrachloroethene	µg/kg	500	**79**	**58**	<3.6	**68**	<4.2	<5.0	<190	**16**	**26**	**59**	**280**	**8.3**	<6.6	<4.8
1,1,1-Trichloroethane	µg/kg	20,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Trichloroethene	µg/kg	500	**10**	**5.0**	<3.6	**53**	**6.6**	<5.0	<190	<5.3	**6.3**	**16**	**18**	<5.3	<6.6	<4.8
1,1-Dichloroethene	µg/kg	700	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
1,2-Dichloroethane	µg/kg	500	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
1,1-Dichloroethane	µg/kg	400,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Chloroethane	µg/kg	170	<8.1	<8.0	<7.2	<8.6	<8.4	<10	<380	<11	<9.4	<11	<11	<11	<13	<9.6
cis-1,2-Dichloroethene	µg/kg	7,000	**17.0**	**9.6**	<3.6	**55**	**11**	<5.0	<190	<5.3	<4.7	**19**	**21**	<5.3	<6.6	<4.8
trans-1,2-Dichloroethene	µg/kg	10,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Vinyl Chloride	µg/kg	200	<8.1	<8.0	<7.2	<8.6	<8.4	<10	<380	<11	<9.4	<11	<11	<11	<13	<9.6
Aromatic Hydrocarbons																
Benzene	µg/kg	500	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Ethylbenzene	µg/kg	70,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Toluene	µg/kg	100,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Chlorobenzene	µg/kg	10,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Cyclohexane	µg/kg	200,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Naphthalene	µg/kg	100,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	**320**	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
o-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	**220**	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	**640**	<11	<9.4	<11	<11	<11	<13	<9.6
Xylenes, Total	µg/kg	1,000,000	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	**860**	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Isopropylbenzene	µg/kg	21,888	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	**220**	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Non-Chlorinated VOCs																
2-Butanone	µg/kg	200,000	<41	<40	<36	<43	<42	<50	<1,900	<53	<47	<57	<54	<53	<66	<48
2-Hexanone	µg/kg	NR	<8.1	<8.0	<7.2	<8.6	<8.4	<10	<380	<11	<9.4	<11	<11	<11	<13	<9.6
4-Methyl-2-pentanone	µg/kg	200,000	<8.1	<8.0	<7.2	<8.6	<8.4	<10	<380	<11	<9.4	<11	<11	<11	<13	<9.6
Acetone	µg/kg	400,000	<81	<80	<72	<86	<84	<100	<3,800	<110	<94	<110	<110	<110	<130	<96
Bromomethane	µg/kg	800	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Carbon Disulfide	µg/kg	400,000	<8.1	<8.0	<7.2	**36**	<8.4	<10	<380	<11	<9.4	<11	<11	<11	<13	<9.6
Methylcyclohexane	µg/kg	500	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8
Methylene Chloride	µg/kg	500	<16	<16	<14	<17	<17	<20	<760	<21	<19	<23	<22	<21	<26	<19
Methyl tert-butyl ether	µg/kg	NR	<4.1	<4.0	<3.6	<4.3	<4.2	<5.0	<190	<5.3	<4.7	<5.7	<5.4	<5.3	<6.6	<4.8

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-16. Summary of VOCs Detected in Soil from AEM Samples DS-01 to AEM DS-4, 2008.
ARAMARK DeKalb VRP/HSI Site (No. 10704)
Atlanta, Georgia

			DS-44			DS-45		
			8'	9.5'	14.5'	9.5'	14.5'	17.5'
				12/3/2008			12/3/2008	
Chlorinated VOCs		Type 1 RRS						
Tetrachloroethene	µg/kg	500	**230**	<4.7	<4.4	**940**	**100**	**69**
1,1,1-Trichloroethane	µg/kg	20,000	<210	<4.7	<4.4	<5.4	<5.3	<5.7
Trichloroethene	µg/kg	500	<210	<4.7	<4.4	**8.8**	<5.3	<5.7
1,1-Dichloroethene	µg/kg	700	<210	<4.7	<4.4	<5.4	<5.3	<5.7
1,2-Dichloroethane	µg/kg	500	<210	<4.7	<4.4	<5.4	<5.3	<5.7
1,1-Dichloroethane	µg/kg	400,000	<210	<4.7	<4.4	<5.4	<5.3	<5.7
Chloroethane	µg/kg	170	<420	<9.4	<8.8	<11	<11	<11
cis-1,2-Dichloroethene	µg/kg	7,000	<210	**8.0**	**12**	**26**	<5.3	<5.7
trans-1,2-Dichloroethene	µg/kg	10,000	<210	<4.7	<4.4	<5.4	<5.3	<5.7
Vinyl Chloride	µg/kg	200	<420	<9.4	<8.8	<11	<11	<11
Aromatic Hydrocarbons								
Benzene	µg/kg	500	**2,300**	**370**	**24**	<5.4	<5.3	<5.7
Ethylbenzene	µg/kg	70,000	**46,000**	**380**	<4.4	<5.4	<5.3	<5.7
Toluene	µg/kg	100,000	**6,900**	**11**	<4.4	<5.4	<5.3	<5.7
Chlorobenzene	µg/kg	10,000	<210	<4.7	<4.4	<5.4	<5.3	<5.7
Cyclohexane	µg/kg	200,000	<210	**37**	<4.4	<5.4	<5.3	<5.7
Naphthalene	µg/kg	100,000	**82,000**	**640**	**7.9**	<5.4	<5.3	<5.7
o-Xylene	µg/kg	1,000,000	**49,000**	**10**	<4.4	<5.4	<5.3	<5.7
m,p-Xylene	µg/kg	1,000,000	**200,000**	**40**	<8.8	<11	<11	<11
Xylenes, Total	µg/kg	1,000,000	**250,000**	**50**	<4.4	<5.4	<5.3	<5.7
Isopropylbenzene	µg/kg	21,888	**11,000**	**32**	<4.4	<5.4	<5.3	<5.7
Non-Chlorinated VOCs								
2-Butanone	µg/kg	200,000	<2,100	<47	<44	<54	<53	<57
2-Hexanone	µg/kg	NR	<420	<9.4	<8.8	<11	<11	<11
4-Methyl-2-pentanone	µg/kg	200,000	<420	<9.4	<8.8	<11	<11	<11
Acetone	µg/kg	400,000	<4,200	<94	<88	<110	<110	<110
Bromomethane	µg/kg	800	<210	<4.7	<4.4	<5.4	<5.3	<5.7
Carbon Disulfide	µg/kg	400,000	<420	<9.4	<8.8	<11	<11	<11
Methylcyclohexane	µg/kg	500	**21,000**	**62**	<4.4	<5.4	<5.3	<5.7
Methylene Chloride	µg/kg	500	<840	<19	<18	<21	<21	<23
Methyl tert-butyl ether	µg/kg	NR	<210	<4.7	**4.6**	<5.4	<5.3	<5.7

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
NR- Not Regulated
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs

E-Concentration exceeded the established method calibration range but is within the working range of the instrument
Sample collected in the water table

Table A-17. Summary of VOCs Detected in Soil Samples Collected Prior to Soil Blending Treatment, 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	G-090810-13	G-090810-14	G-090810-15	G-090810-16	G-090810-16	G-090810-17	BN-091310-19N	BN-091310-19S
		Alternate ID	13	14	15	16	16 (7')	17	19N	19S
		Depth	18'	18'	18'	18'	7'	18'	22'	23'
		Date	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/13/2010	9/13/2010
Chlorinated VOCs		Type 1 RRS								
Tetrachloroethene	µg/kg	500	**2,800**	**77**	**40**	**280**	**86**	**640**	<4.02	**29.5**
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Trichloroethene	µg/kg	500	**300**	<3.6	<4.1	**3.7**	<4.0	**940**	<4.02	**14**
1,1-Dichloroethene	µg/kg	700	<3.0	<3.6	<4.1	<3.5	<4.0	<3.9	<4.02	<4.11
1,2-Dichloroethane	µg/kg	500	NA	NA	NA	NA	NA	NA	<4.02	<4.11
1,1-Dichloroethane	µg/kg	400,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Chloroethane	µg/kg	170	NA	NA	NA	NA	NA	NA	<4.02	<4.11
cis-1,2-Dichloroethene	µg/kg	7,000	**530**	<3.6	<4.1	**44**	**7.6**	**1,400**	<4.02	**35.6**
trans-1,2-Dichloroethene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Vinyl Chloride	µg/kg	200	**39**	<7.3	<8.2	<7.1	<8.1	<7.7	<4.02	<8.22
Aromatic Hydrocarbons										
Benzene	µg/kg	500	<3.0	<3.6	<4.1	<3.5	<4.0	<3.9	<4.02	<4.11
Ethylbenzene	µg/kg	70,000	<3.0	<3.6	<4.1	<3.5	<4.0	<3.9	<4.02	<4.11
Toluene	µg/kg	100,000	<3.0	<3.6	<4.1	<3.5	<4.0	<3.9	<4.02	<4.11
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	<8.04	<8.22
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Naphthalene	µg/kg	100,000	<3.0	<3.6	<4.1	<3.5	<4.0	**7.0**	<4.02	<4.11
o-xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	<8.04	<8.22
Xylenes, total	µg/kg	1,000,000	<3.0	<3.6	<4.1	**4.7**	<4.0	**11**	NA	NA
Isopropylbenzene	µg/kg	21,888	<3.0	<3.6	<4.1	**4.7**	<4.0	<3.9	<4.02	<4.11
Non-Chlorinated VOCs										
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	<40.2	<41.1
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	<40.2	<41.1
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	<4.02	<4.11
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	**12.2**	**6.44**

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-17. Summary of VOCs Detected in Soil Samples Collected Prior to Soil Blending Treatment, 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	Pit C 1/2 2 1/2	Pit D 3 1/2	Pit C 4	101310-Bottom 1	101310-Bottom 2
		Alternate ID	Pict-C1/2 2 1/2	Pit-D 3 1/2	Pit-C4	Bottom 1	Bottom 2
		Depth	10'	10'	10'	10'	10'
		Date	9/24/2010	9/24/2010	9/24/2010	10/13/2010	10/13/2010
Chlorinated VOCs		Type 1 RRS					
Tetrachloroethene	µg/kg	500	**34.8**	**158**	**1,030**	<4.58	**10.5**
1,1,1-Trichloroethane	µg/kg	20,000	<5.20	<5.44	<4.58	<4.58	<4.44
Trichloroethene	µg/kg	500	<5.20	<5.44	**27.6**	<4.58	<4.44
1,1-Dichloroethene	µg/kg	700	<5.20	<5.44	<4.58	<4.58	<4.44
1,2-Dichloroethane	µg/kg	500	<5.20	<5.44	<4.58	<4.58	<4.44
1,1-Dichloroethane	µg/kg	400,000	<5.20	<5.44	<4.58	<4.58	<4.44
Chloroethane	µg/kg	170	<5.20	<5.44	<4.58	<4.58	<4.44
cis-1,2-Dichloroethene	µg/kg	7,000	<5.20	<5.44	**133**	**36.7**	**5.96**
trans-1,2-Dichloroethene	µg/kg	10,000	<5.20	<5.44	<4.58	<4.58	<4.44
Vinyl Chloride	µg/kg	200	<5.20	<5.44	<4.58	**5.2**	<4.44
Aromatic Hydrocarbons							
Benzene	µg/kg	500	<5.20	<5.44	<4.58	<4.58	<4.44
Ethylbenzene	µg/kg	70,000	<5.20	<5.44	<4.58	<4.58	<4.44
Toluene	µg/kg	100,000	<5.20	<5.44	<4.58	<4.58	<4.44
Chlorobenzene	µg/kg	10,000	<10.4	<10.9	<9.17	<9.17	<8.88
Cyclohexane	µg/kg	200,000	<5.20	<5.44	<4.58	<4.58	<4.44
Naphthalene	µg/kg	100,000	<5.20	<5.44	<4.58	<4.58	<4.44
o-xylene	µg/kg	1,000,000	<5.20	<5.44	<4.58	<4.58	<4.44
m,p-Xylene	µg/kg	1,000,000	<10.4	<10.9	<9.17	<9.17	<8.88
Xylenes, total	µg/kg	1,000,000	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<5.20	<5.44	<4.58	<4.58	<4.44
Non-Chlorinated VOCs							
2-Butanone	µg/kg	200,000	<52	<54.4	<45.8	<45.8	<44.4
Acetone	µg/kg	400,000	<52	<54.4	<45.8	<45.8	<44.4
Bromomethane	µg/kg	800	<5.20	<5.44	<4.58	<4.58	<4.44
Carbon Disulfide	µg/kg	400,000	<5.20	<5.44	<4.58	<4.58	<4.44
Methylcyclohexane	µg/kg	500	<5.20	<5.44	<4.58	<4.58	<4.44
Methylene Chloride	µg/kg	500	<5.20	<5.44	<4.58	<4.58	<4.44

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-18. Summary of VOCs Detected in Soil Blend Confirmation Samples, 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	BLEND-091410-01	Cell1-100410	Cell 2-100410	Cell 3-100410
		Alternate ID	Blend	Cell 1	Cell 2	Cell 3
		Date	9/14/2010	10/4/2010	10/4/2010	10/4/2010
Chlorinated VOCs		Type 1 RRS				
Tetrachloroethene	µg/kg	500	<240	**80**	**16.8**	**44.8**
1,1,1-Trichloroethane	µg/kg	20,000	NA	<3.32	<3.16	<2.60
Trichloroethene	µg/kg	500	<240	<3.32	<3.16	<2.60
1,1-Dichloroethene	µg/kg	700	<240	<3.32	<3.16	<2.60
1,2-Dichloroethane	µg/kg	500	NA	<3.32	<3.16	<2.60
1,1-Dichloroethane	µg/kg	400,000	NA	<3.32	<3.16	<2.60
Chloroethane	µg/kg	170	NA	<3.32	<3.16	<2.60
cis-1,2-Dichloroethene	µg/kg	7,000	<240	<3.32	<3.16	<2.60
trans-1,2-Dichloroethene	µg/kg	10,000	NA	<3.32	<3.16	<2.60
Vinyl Chloride	µg/kg	200	<240	<3.32	<3.16	<2.60
Aromatic Hydrocarbons						
Benzene	µg/kg	500	<240	<3.32	<3.16	<2.60
Ethylbenzene	µg/kg	70,000	<240	<3.32	<3.16	<2.60
Toluene	µg/kg	100,000	<240	<3.32	<3.16	<2.60
Chlorobenzene	µg/kg	10,000	NA	<6.64	<6.33	<5.20
Cyclohexane	µg/kg	200,000	NA	<3.32	<3.16	<2.60
Naphthalene	µg/kg	100,000	<240	<3.32	<3.16	<2.60
o-xylene	µg/kg	1,000,000	NA	<3.32	<3.16	<2.60
m,p-Xylene	µg/kg	1,000,000	NA	<6.64	<6.33	<5.20
Xylenes, total	µg/kg	1,000,000	<240	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<240	<3.32	<3.16	<2.60
Non-Chlorinated VOCs						
2-Butanone	µg/kg	200,000	NA	**78**	**141**	**118**
Acetone	µg/kg	400,000	NA	**2,410**	**1,890**	**1,120**
Bromomethane	µg/kg	800	NA	<3.32	<3.16	<2.60
Carbon Disulfide	µg/kg	400,000	NA	<3.32	<3.16	<2.60
Methylcyclohexane	µg/kg	500	NA	<3.32	<3.16	**14.4**
Methylene Chloride	µg/kg	500	NA	<3.32	<3.16	<2.60

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected

Table A-19. Summary of VOCs Detected in Sidewall Delineation Samples (Post Soil Blending), 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	WS-090810-01	WE-090810-02	TE-090810-03	WE-090810-04	TE-090810-05	WE-090810-06	TE-090810-07	WE-090810-08	TE-090810-09	WE-090810-10
		Alternate ID	1	2	3	4	5	6	7	8	9	10
		Depth	12'	7'	12'	9'	12'	7'	14'	9'	14'	7'
		Date	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	500	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
1,1-Dichloroethene	µg/kg	700	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
1,2-Dichloroethane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/kg	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/kg	7,000	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
trans-1,2-Dichloroethene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	µg/kg	200	<8.2	<7.7	<8.0	<7.0	<7.4	<7.2	<7.4	<6.2	<7.6	<6.3
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
Ethylbenzene	µg/kg	70,000	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
Toluene	µg/kg	100,000	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
Chlorobenzene	µg/kg	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/kg	100,000	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
o-xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, total	µg/kg	1,000,000	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
Isopropylbenzene	µg/kg	21,888	<4.1	<3.8	<4.0	<3.5	<3.7	<3.6	<3.7	<3.1	<3.8	<3.2
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/kg	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/kg	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/kg	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-19. Summary of VOCs Detected in Sidewall Delineation Samples (Post Soil Blending), 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	TE-090810-11	WS-090810-12	TN-092410-20	WN-092410-21	101410-21C	TN-092410-22	101410-22C	WN-092410-23	101410-23C	TN-092410-24
		Alternate ID	11	12	20	21	21C	22	22C	23	23C	24
		Depth	7'	12'	8'	8'	8'	8'	8'	8'	8'	8'
		Date	9/8/2010	9/8/2010	9/24/2010	9/24/2010	10/14/2010	9/24/2010	10/14/2010	9/24/2010	10/14/2010	9/24/2010
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	<2.7	**38**	**627**	**144**	<2.85	**131**	**6.24**	**169**	<3.0	**65.1**
1,1,1-Trichloroethane	µg/kg	20,000	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Trichloroethene	µg/kg	500	<2.7	**5.5**	**52.9**	**9.29**	<2.85	**28.2**	<2.83	**11.4**	<3.0	**63.3**
1,1-Dichloroethene	µg/kg	700	<2.7	<3.2	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
1,2-Dichloroethane	µg/kg	500	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
1,1-Dichloroethane	µg/kg	400,000	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Chloroethane	µg/kg	170	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
cis-1,2-Dichloroethene	µg/kg	7,000	**5.2**	<3.2	**63.6**	**11.8**	<2.85	**40**	<2.83	<4.60	<3.0	**10.8**
trans-1,2-Dichloroethene	µg/kg	10,000	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Vinyl Chloride	µg/kg	200	<5.3	<6.3	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<2.7	<3.2	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Ethylbenzene	µg/kg	70,000	<2.7	<3.2	<6.14	<5.41	**4.23**	<5.33	<2.83	<4.60	<3.0	<4.55
Toluene	µg/kg	100,000	<2.7	<3.2	<6.14	<5.41	**9.81**	<5.33	<2.83	<4.60	**5.03**	<4.55
Chlorobenzene	µg/kg	10,000	NA	NA	<12.3	<10.8	<5.69	<10.7	<5.65	<9.21	<5.99	<9.31
Cyclohexane	µg/kg	200,000	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Naphthalene	µg/kg	100,000	<2.7	<3.2	<6.14	<5.41	**26.6**	<5.33	**5.41**	<4.60	**14.7**	<4.55
o-xylene	µg/kg	1,000,000	NA	NA	<6.14	<5.41	**7.73**	<5.33	<2.83	<4.60	**4.19**	<4.55
m,p-Xylene	µg/kg	1,000,000	NA	NA	<12.3	<10.8	**19.1**	<10.7	<5.65	<9.21	**9.06**	<9.11
Xylenes, total	µg/kg	1,000,000	<2.7	<3.2	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<2.7	<3.2	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	**10.6**	<4.55
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	NA	NA	<61.4	<54.1	<28.5	<53.3	<28.3	<46	<30	<45.5
Acetone	µg/kg	400,000	NA	NA	**135**	**280**	<28.5	<53.3	<28.3	<46	<30	<45.5
Bromomethane	µg/kg	800	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Carbon Disulfide	µg/kg	400,000	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	**8.75**	<4.55
Methylcyclohexane	µg/kg	500	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55
Methylene Chloride	µg/kg	500	NA	NA	<6.14	<5.41	<2.85	<5.33	<2.83	<4.60	<3.0	<4.55

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-19. Summary of VOCs Detected in Sidewall Delineation Samples (Post Soil Blending), 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	101410-24C	WW-092410-25	101410-25C	TW-092410-26	101410-26C	WW-092410-27	TW-092810-27A	TW-092410-28	TW-092810-28A	101210-28B
		Alternate ID	24C	25	25C	26	26C	27	27A	28	28A	28B
		Depth	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
		Date	10/14/2010	9/24/2010	10/14/2010	9/24/2010	10/14/2010	9/24/2010	9/28/2010	9/24/2010	9/28/2010	10/12/2010
Chlorinated VOCs		Type 1 RRS										
Tetrachloroethene	µg/kg	500	<2.79	<5.34	**24.8**	**107**	**219**	**1,680**	**300**	**10,100**	**9,300**	**2,770**
1,1,1-Trichloroethane	µg/kg	20,000	<2.79	<5.34	<3.48	<5.52	<6.25	<3.91	NA	<4.31	NA	<3.17
Trichloroethene	µg/kg	500	<2.79	<5.34	**6.27**	**8.23**	**27.8**	**28.2**	**7.6**	**48.6**	**71**	**10.7**
1,1-Dichloroethene	µg/kg	700	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.31	<4.1	<3.17
1,2-Dichloroethane	µg/kg	500	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
1,1-Dichloroethane	µg/kg	400,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
Chloroethane	µg/kg	170	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
cis-1,2-Dichloroethene	µg/kg	7,000	**5.49**	<5.34	**7.55**	**29.5**	**13.3**	**15**	**6.2**	**41.8**	**60**	**6.34**
trans-1,2-Dichloroethene	µg/kg	10,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
Vinyl Chloride	µg/kg	200	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<8.8	<4.31	<8.2	<3.17
Aromatic Hydrocarbons												
Benzene	µg/kg	500	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.31	<4.1	<3.17
Ethylbenzene	µg/kg	70,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.31	<4.1	<3.17
Toluene	µg/kg	100,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.31	<4.1	<3.17
Chlorobenzene	µg/kg	10,000	<5.58	<10.7	<6.96	<10.5	<12.5	<7.82	NA	<8.63	NA	<6.35
Cyclohexane	µg/kg	200,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
Naphthalene	µg/kg	100,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.31	<4.1	<3.17
o-xylene	µg/kg	1,000,000	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
m,p-Xylene	µg/kg	1,000,000	<5.58	<10.7	<6.96	<10.5	<12.5	<7.82	NA	<8.63	NA	<6.35
Xylenes, total	µg/kg	1,000,000	NA	NA	NA	NA	NA	NA	<4.4	NA	<4.1	NA
Isopropylbenzene	µg/kg	21,888	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	<4.4	<4.3	<4.1	<3.17
Non-Chlorinated VOCs												
2-Butanone	µg/kg	200,000	<27.9	<53.4	<34.8	<52.5	<62.5	<39.1	NA	<43.1	NA	<31.7
Acetone	µg/kg	400,000	<27.9	**94.4**	<34.8	**37.6**	**130**	**37.6**	NA	**140**	NA	<31.7
Bromomethane	µg/kg	800	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
Carbon Disulfide	µg/kg	400,000	<2.79	<5.34	<3.48	<5.25	**21.1**	<3.91	NA	<4.31	NA	<3.17
Methylcyclohexane	µg/kg	500	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17
Methylene Chloride	µg/kg	500	<2.79	<5.34	<3.48	<5.25	<6.25	<3.91	NA	<4.31	NA	<3.17

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-19. Summary of VOCs Detected in Sidewall Delineation Samples (Post Soil Blending), 2010.
ARAMARK DeKalb VRP/HSI Site No. 10704
Atlanta, Georgia

		Sample ID	102010-28D	102110-28E	WW-092410-29	TW-092810-29A	101210-29B	102010-29D	102110-29E	TW-092410-30	WS-092410-31
		Alternate ID	28D	28E	29	29A	29B	29D	29E	30	31
		Depth	8'	8'	8'	8'	8'	8'	8'	8'	8'
		Date	10/20/2010	10/21/2010	9/24/2010	9/28/2010	10/12/2010	10/20/2010	10/21/2010	9/24/2010	9/24/2010
Chlorinated VOCs		Type 1 RRS									
Tetrachloroethene	µg/kg	500	**637**	**478**	**36.5**	**4,700**	**370**	**5,120**	**19.6**	**62.2**	**73.3**
1,1,1-Trichloroethane	µg/kg	20,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Trichloroethene	µg/kg	500	<4.85	**6.47**	**6.64**	**86**	<3.70	**47.3**	<6.53	**5.43**	<4.10
1,1-Dichloroethene	µg/kg	700	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
1,2-Dichloroethane	µg/kg	500	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
1,1-Dichloroethane	µg/kg	400,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Chloroethane	µg/kg	170	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
cis-1,2-Dichloroethene	µg/kg	7,000	<4.85	<5.10	**16.6**	**75**	<3.70	**7.99**	<6.53	**74.6**	<4.10
trans-1,2-Dichloroethene	µg/kg	10,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Vinyl Chloride	µg/kg	200	<4.85	<5.10	<4.90	<7.5	<3.70	<4.90	<6.53	<3.86	<4.10
Aromatic Hydrocarbons											
Benzene	µg/kg	500	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
Ethylbenzene	µg/kg	70,000	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
Toluene	µg/kg	100,000	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
Chlorobenzene	µg/kg	10,000	<9.70	<10.2	<9.81	NA	<7.39	<9.81	<13.1	<7.73	<8.21
Cyclohexane	µg/kg	200,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Naphthalene	µg/kg	100,000	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
o-xylene	µg/kg	1,000,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
m,p-Xylene	µg/kg	1,000,000	<9.70	<10.2	<9.81	NA	<7.39	<9.81	<13.1	<7.73	<8.21
Xylenes, total	µg/kg	1,000,000	NA	NA	NA	<3.8	NA	NA	NA	NA	NA
Isopropylbenzene	µg/kg	21,888	<4.85	<5.10	<4.90	<3.8	<3.70	<4.90	<6.53	<3.86	<4.10
Non-Chlorinated VOCs											
2-Butanone	µg/kg	200,000	<48.5	<51	<49	NA	<37	<49	<65.3	<38.6	<41
Acetone	µg/kg	400,000	<48.5	<51	**52.4**	NA	<37	<49	<65.3	<38.6	<41
Bromomethane	µg/kg	800	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Carbon Disulfide	µg/kg	400,000	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Methylcyclohexane	µg/kg	500	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10
Methylene Chloride	µg/kg	500	<4.85	<5.10	<4.90	NA	<3.70	<4.90	<6.53	<3.86	<4.10

Notes:
RRS-Risk Reduction Standard
VOCs-volatile organic compounds
µg/kg- micrograms per kilogram
NA-not analyzed
Bold-analyte detected
Bold-analyte detected above Type 1 RRSs
Sample collected in the water table

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-1				SB-2				SB-3			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<5.29	**9.96**	<5.72	<5.14	<4.24	**18.5**	**38.5**	<5.49	<6.93	**7.90**	**5.19**	**9.62**
1,1,1-Trichloroethane	20,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Trichloroethene	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,1-Dichloroethene	700	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,2-Dichloroethane	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
1,1-Dichloroethane	400,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Chloroethane	170	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
cis-1,2-Dichloroethene	7,000	<5.29	<4.78	**24.5**	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
trans-1,2-Dichloroethene	10,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Vinyl Chloride	200	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Aromatic Hydrocarbons													
Benzene	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Ethylbenzene	70,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Toluene	100,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Chlorobenzene	10,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Cyclohexane	200,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Naphthalene	100,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
o-xylene	1,000,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
m,p-Xylene	1,000,000	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Other VOCs													
2-Butanone	200,000	<52.9	<47.8	<57.2	<51.4	<42.4	<52	<46.1	<54.9	<69.3	<44.8	<42.2	<60.6
Acetone	400,000	<52.9	<47.8	**133**	<51.4	<42.4	<52	<46.1	<54.9	<69.3	<44.8	<42.2	<60.6
Bromomethane	800	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Carbon Disulfide	400,000	<42.3	<38.2	<45.8	<41.1	<34	<41.6	<36.9	<43.9	<55.4	<35.9	<33.8	<48.5
Methyl Acetate	NR	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Methylcyclohexane	500	<5.29	<4.78	<5.72	<5.14	<4.24	<5.2	<4.61	<5.49	<6.93	<4.48	<4.22	<6.06
Methylene Chloride	500	<21.1	<19.1	<22.9	<20.6	<17	<20.8	<18.5	<22	<27.7	<17.9	<16.9	<24.2

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-4				SB-5				SB-6			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	**9,080**	**8.42**	**5.50**	**10.2**	**8,070**	**29.9**	**8.39**	**8.79**	NSR	**9,950**	**2,410**	**11.0**
1,1,1-Trichloroethane	20,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Trichloroethene	500	**99.2**	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,1-Dichloroethene	700	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,2-Dichloroethane	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
1,1-Dichloroethane	400,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Chloroethane	170	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
cis-1,2-Dichloroethene	7,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
trans-1,2-Dichloroethene	10,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Vinyl Chloride	200	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Aromatic Hydrocarbons													
Benzene	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Ethylbenzene	70,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Toluene	100,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Chlorobenzene	10,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Cyclohexane	200,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Naphthalene	100,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
o-xylene	1,000,000	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
m,p-Xylene	1,000,000	<9.53	<5.24	<5.32	<6.2	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NSR	NA	NA	NA
Isopropylbenzene	21,888	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Other VOCs													
2-Butanone	200,000	<95.3	<52.4	<53.2	<62.3	<2,980	<49.5	<60.3	<60.3	NSR	<3,130	<3,860	<53.7
Acetone	400,000	<95.3	<52.4	<53.2	<62.3	<2,980	<49.5	<60.3	<60.3	NSR	<3,130	<3,860	<53.7
Bromomethane	800	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Carbon Disulfide	400,000	<76.3	<41.9	<42.6	<49.8	<2,380	<39.6	<48.2	<48.2	NSR	<2,500	<3,090	<42.9
Methyl Acetate	NR	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Methylcyclohexane	500	<9.53	<5.24	<5.32	<6.23	<298	<4.95	<6.03	<6.03	NSR	<313	<386	<5.37
Methylene Chloride	500	<38.1	<21	<21.3	<24.9	<1,190	<19.8	<24.1	<24.1	NSR	<1,250	<1,550	<21.5

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-7				SB-8				SB-9			
		2-4'	6-8'	10-12'	14-16'	0-2'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				1/31/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	**8,240**	**49,800**	**23.0**	<5.44	**10.1**	<5.77	<5.60	<6.77	**3,250**	**39.6**	<5.96	<7.17
1,1,1-Trichloroethane	20,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Trichloroethene	500	**291**	**2,170**	**5.93**	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,1-Dichloroethene	700	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,2-Dichloroethane	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
1,1-Dichloroethane	400,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Chloroethane	170	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
cis-1,2-Dichloroethene	7,000	<224	**859**	**5.67**	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
trans-1,2-Dichloroethene	10,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Vinyl Chloride	200	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Aromatic Hydrocarbons													
Benzene	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Ethylbenzene	70,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Toluene	100,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Chlorobenzene	10,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Cyclohexane	200,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Naphthalene	100,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
o-xylene	1,000,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
m,p-Xylene	1,000,000	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Other VOCs													
2-Butanone	200,000	<2,240	<2,470	<45.9	<54.4	<62.7	<57.7	<56	<67.7	<3,780	<64.1	<59.6	<71.7
Acetone	400,000	<2,240	<2,470	**47.1**	<54.4	<62.7	<57.7	<56	<67.7	<3,780	<64.1	<59.6	<71.7
Bromomethane	800	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Carbon Disulfide	400,000	<1,790	<1,970	<36.7	<43.5	<50.1	<46.2	<44.8	<54.1	<3,030	<51.3	<47.7	<57.4
Methyl Acetate	NR	**272**	**395**	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Methylcyclohexane	500	<224	<247	<4.59	<5.44	<6.27	<5.77	<5.60	<6.77	<378	<6.41	<5.96	<7.17
Methylene Chloride	500	<895	<987	<18.4	<21.8	<25.1	<23.1	<22.4	<27.1	<1,510	<25.7	<23.8	<28.7

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-10				SB-11						SB-12			
		2-4'	6-8'	10-12'	14-16'	0-2'	5-6'	10-12'	14-15'	18-20'	24-25'	0-2'	6-8'	10-12'	14-16'
		1/31/2013				1/31/2013				2/1/2013		2/1/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**														
Tetrachloroethene	500	**903**	**20,900**	**9,900**	<4.82	**14,800**	**3,400**	**87,600**	**1,320**	<6.19	NA	**17.5**	**6,340**	**52,200**	**18.5**
1,1,1-Trichloroethane	20,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Trichloroethene	500	<258	**540**	**2,900**	**9.64**	<294	<349	**7,820**	**10,400**	<6.19	NA	<6.40	<253	**4,920**	**10.8**
1,1-Dichloroethene	700	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
1,2-Dichloroethane	500	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
1,1-Dichloroethane	400,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Chloroethane	170	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
cis-1,2-Dichloroethene	7,000	<258	<410	**3,070**	<4.82	<294	<349	**3,890**	**5,250**	**6.94**	NA	<6.40	<253	**941**	**6.73**
trans-1,2-Dichloroethene	10,000	<258	<410	<310	<4.82	<294	<349	<395	**13.6**	<6.19	NA	<6.40	<253	<323	<5.06
Vinyl Chloride	200	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Aromatic Hydrocarbons															
Benzene	500	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Ethylbenzene	70,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Toluene	100,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Chlorobenzene	10,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Cyclohexane	200,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Naphthalene	100,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
o-xylene	1,000,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
m,p-Xylene	1,000,000	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<258	<410	<310	<4.82	<294	<349	<395	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Other VOCs															
2-Butanone	200,000	<2,580	<4,100	<3,100	<48.2	<2,940	<3,490	<3,950	<95	<61.9	NA	<64.0	<2,530	<3,230	<50.6
Acetone	400,000	<2,580	<4,100	<3,100	**52.8**	<2,940	<3,490	<3,950	**170**	<61.9	NA	<64.0	<2,530	<3,230	<50.6
Bromomethane	800	<258	<410	<310	<4.82	<294	<349	<95	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Carbon Disulfide	400,000	<2,060	<3,280	<2,480	<38.5	<2,350	<2,790	<3,160	<76	<49.5	NA	<51.2	<2,030	<2,590	<40.5
Methyl Acetate	NR	<258	<410	**477**	<4.82	<294	<349	**1,600**	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Methylcyclohexane	500	<258	<410	<310	<4.82	<294	<349	**613**	<9.5	<6.19	NA	<6.40	<253	<323	<5.06
Methylene Chloride	500	<1,030	<1,640	<1,240	<19.3	<1,170	<1,400	<1,580	<38	<24.7	NA	<25.6	<1,010	<1,290	<20.3

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-13				SB-14				SB-15			
		2-4'	6-8'	10-12'	14-16'	2-4'	6-8'	10-12'	14-16'	1-2'	6-8'	10-12'	14-16'
		2/1/2013				2/1/2013				2/1/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<4.91	<4.13	NA	NA	**4.70**	**7.56**	NA	NA	**33.8**	<6.30	NA	NA
1,1,1-Trichloroethane	20,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Trichloroethene	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,1-Dichloroethene	700	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,2-Dichloroethane	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
1,1-Dichloroethane	400,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Chloroethane	170	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
cis-1,2-Dichloroethene	7,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
trans-1,2-Dichloroethene	10,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Vinyl Chloride	200	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Aromatic Hydrocarbons													
Benzene	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Ethylbenzene	70,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Toluene	100,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Chlorobenzene	10,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Cyclohexane	200,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Naphthalene	100,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
o-xylene	1,000,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
m,p-Xylene	1,000,000	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Other VOCs													
2-Butanone	200,000	<49.1	<41.3	NA	NA	<41.5	<58.7	NA	NA	<82.4	<63.0	NA	NA
Acetone	400,000	<49.1	<41.3	NA	NA	<41.5	<58.7	NA	NA	<82.4	<63.0	NA	NA
Bromomethane	800	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Carbon Disulfide	400,000	<39.3	<33	NA	NA	<33.2	<47	NA	NA	<65.9	<50.4	NA	NA
Methyl Acetate	NR	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Methylcyclohexane	500	<4.91	<4.13	NA	NA	<4.15	<5.87	NA	NA	<8.24	<6.30	NA	NA
Methylene Chloride	500	<19.6	<16.5	NA	NA	<16.6	<23.5	NA	NA	<33	<25.2	NA	NA

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-16				SB-30				SB-31				SB-32			
		2-4'	6-8'	10-12'	14-16'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'
		2/1/2013				5/3/2013				5/3/2013				5/3/2013			
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**																
Tetrachloroethene	500	**6,740**	**451**	<7.49	NA	**7.11**	<5.0	**3,870**	**6.59**	**10.5**	<7.01	<5.26	<5.44	<6.66	**545**	**21.1**	<5.14
1,1,1-Trichloroethane	20,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Trichloroethene	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,1-Dichloroethene	700	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,2-Dichloroethane	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
1,1-Dichloroethane	400,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Chloroethane	170	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
cis-1,2-Dichloroethene	7,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
trans-1,2-Dichloroethene	10,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Vinyl Chloride	200	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Aromatic Hydrocarbons																	
Benzene	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Ethylbenzene	70,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Toluene	100,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Chlorobenzene	10,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Cyclohexane	200,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Naphthalene	100,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
o-xylene	1,000,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
m,p-Xylene	1,000,000	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Other VOCs																	
2-Butanone	200,000	<2,620	<2,670	<74.9	NA	<57.9	<50	<71.5	<58.5	<53.9	<70.1	<52.6	<54.4	<66.6	<3,920	<81.5	<51.4
Acetone	400,000	<2,620	<2,670	<74.9	NA	<57.9	<50	<71.5	<58.5	<53.9	<70.1	<52.6	<54.4	<66.6	<3,920	<81.5	<51.4
Bromomethane	800	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Carbon Disulfide	400,000	<2,100	<2,140	<60	NA	<46.3	<40	<57.2	<46.8	<43.1	<56	<42.1	<43.5	<53.3	<3,140	<65.2	<41.1
Methyl Acetate	NR	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Methylcyclohexane	500	<262	<267	<7.49	NA	<5.79	<5.0	<7.15	<5.85	<5.39	<7.01	<5.26	<5.44	<6.66	<392	<8.15	<5.14
Methylene Chloride	500	<1,050	<1,070	<30	NA	<23.2	<20	<28.6	<23.4	<21.6	<28	<21	<21.7	<26.6	<1,570	<32.6	<20.6

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

		SB-33				SB-34				SB-35		SB-36	
		0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	6-8'	10-12'	0-2'	2-4'	0-2'	2-4'
		5/3/2013				2/1/2013				5/22/2013		5/22/2013	
Chlorinated VOCs (µg/kg)	**Type I RRS (µg/kg)**												
Tetrachloroethene	500	<5.19	**2,800**	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1,1-Trichloroethane	20,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Trichloroethene	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1-Dichloroethene	700	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,2-Dichloroethane	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
1,1-Dichloroethane	400,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Chloroethane	170	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
cis-1,2-Dichloroethene	7,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
trans-1,2-Dichloroethene	10,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Vinyl Chloride	200	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Aromatic Hydrocarbons													
Benzene	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Ethylbenzene	70,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Toluene	100,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Chlorobenzene	10,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Cyclohexane	200,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Naphthalene	100,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
o-xylene	1,000,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
m,p-Xylene	1,000,000	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Xylenes, total	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Other VOCs													
2-Butanone	200,000	<51.9	<54.5	<74	<47.3	<60.1	<58.3	NA	NA	<83.8	<58.6	<49.6	<61.4
Acetone	400,000	<51.9	<54.5	<74	<47.3	<60.1	<58.3	NA	NA	<83.8	<58.6	<49.6	<61.4
Bromomethane	800	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<83.8	<58.6	<49.6	<61.4
Carbon Disulfide	400,000	<41.5	<43.6	<59.2	<37.8	<48.1	<46.6	NA	NA	<67	<46.9	<39.7	<49.1
Methyl Acetate	NR	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Methylcyclohexane	500	<5.19	<5.45	<7.40	<4.73	<6.01	<5.83	NA	NA	<8.38	<5.86	<4.96	<6.14
Methylene Chloride	500	<20.7	<21.8	<29.6	<18.9	<24	<23.3	NA	NA	<33.5	<23.4	<19.9	<24.6

See Notes Last Page

Table A-20. Summary of VOCs Detected in Soil--NW Corner of 670 DeKalb Avenue, 2013.
ARAMARK DeKalb VRP/HSI No. 10704
Atlanta, Georgia

Notes:

VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2-4'- sample collected from 2 to 4 feet below land surface
NSR- No sample recovery in geoprobe sample tool due to saturated conditions
NR-Not Regulated
NA-Not analyzed
Soil sample collected beneath the water table
Exceeds Type I RRS

Table A-21. Summary of VOCs Detected in Soil--City of Atlanta Parcel, North of 670 DeKalb Avenue, 2013.
ARAMARK VRP/HSI No. 10704
Atlanta, Georgia

		SB-17		SB-18		SB-19		SB-20		SB-21	
		2'	8'	2'	8'	2'	9'	2'	8'	2'	8'
		4/15/2013		4/15/2013		4/15/2013		4/15/2013		4/15/2013	
Chlorinated VOCs	**Type I RRS (µg/kg)**										
Tetrachloroethene	500	NA	NA	NA	NA	<5.78	**33**	NA	NA	NA	NA
1,1,1-Trichloroethane	20,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Trichloroethene	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,2-Dichloroethane	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
1,1-Dichloroethane	400,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Chloroethane	170	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
cis-1,2-Dichloroethene	7,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
trans-1,2-Dichloroethene	10,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Vinyl Chloride	200	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Petroleum Hydrocarbons											
Benzene	500	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Ethylbenzene	70,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Toluene	100,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Chlorobenzene	10,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Cyclohexane	200,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Naphthalene	100,000	NA	NA	NA	NA	**9.71**	<5.02	NA	NA	NA	NA
m,p-xylenes	1,000,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
o-xylenes	1,000,000	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Total xylenes	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Other VOCs											
2-Butanone	200,000	NA	NA	NA	NA	<57.8	<50.2	NA	NA	NA	NA
Acetone	400,000	NA	NA	NA	NA	<57.8	<50.2	NA	NA	NA	NA
Bromomethane	800	NA	NA	NA	NA	<5.78	<5.02	NA	NA	NA	NA
Carbon Disulfide	400,000	NA	NA	NA	NA	<46.2	<40.2	NA	NA	NA	NA
Methylene Chloride	500	NA	NA	NA	NA	<23.1	<20.1	NA	NA	NA	NA

Notes
VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2'- sample collected from 2 feet below land surface
NR-Not regulated
NA-not analyzed
Bold- Analyte was detected in the sample
Bold- Exceeds Type 1 RRS
Soil Sample Locations Excavated by MACTEC on 4/24/13
Sample collected in the water table
All Samples collected by AEM on behalf of ARAMARK

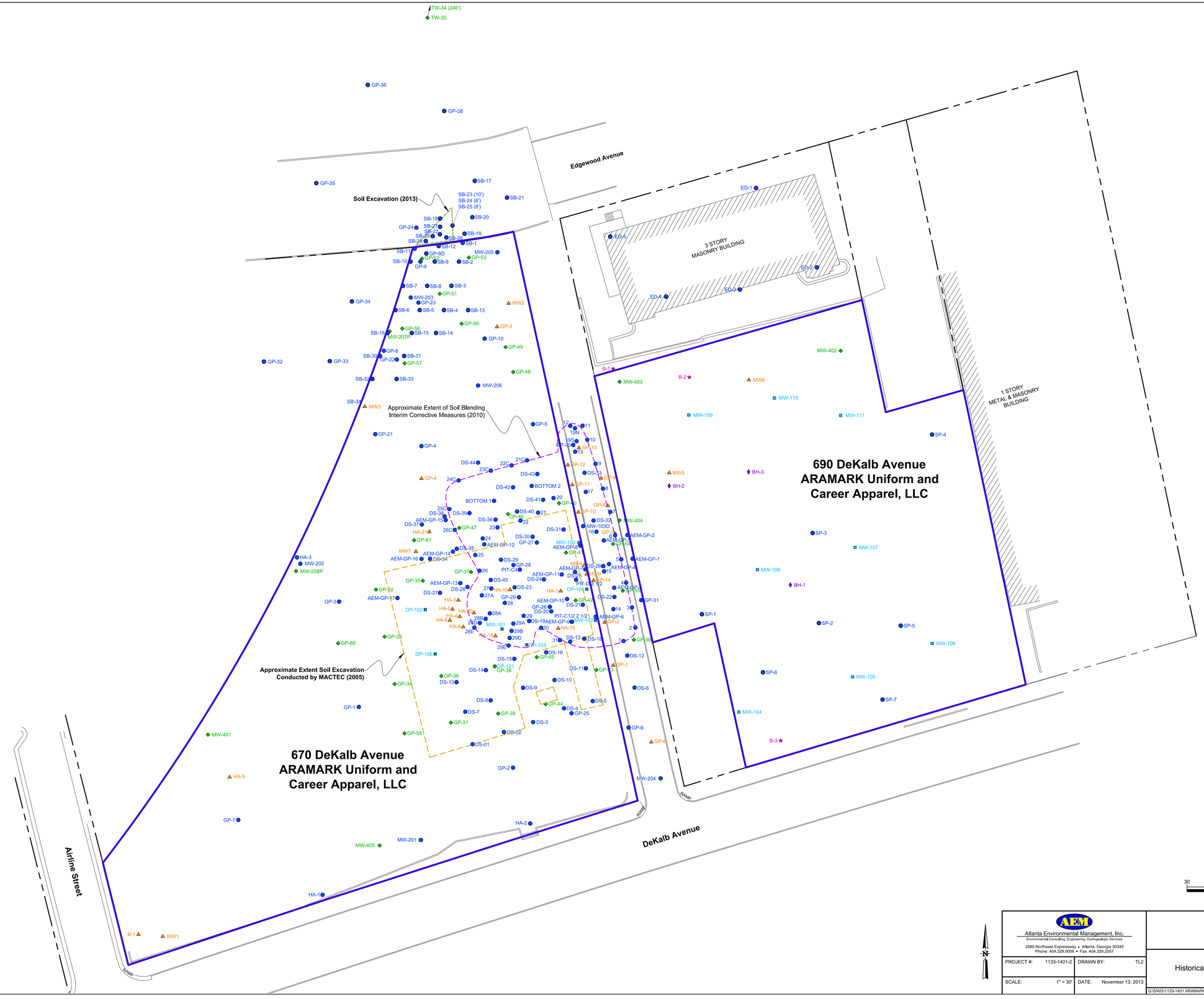
Table A-21. Summary of VOCs Detected in Soil--City of Atlanta Parcel, North of 670 DeKalb Avenue, 2013.
ARAMARK VRP/HSI No. 10704
Atlanta, Georgia

		SB-22		SB-23	SB-24	SB-25	SB-26	SB-27	SB-28	SB-29
		2'	9'	10'	6'	9'	10'	9'	8'	6'
		4/15/2013		4/22/2013	4/22/2013	4/22/2013	4/24/2013	4/24/2013	4/24/2013	4/24/2013
Chlorinated VOCs	**Type I RRS (µg/kg)**									
Tetrachloroethene	500	**33.6**	**1,810**	**272**	**14.6**	**60.8**	**192,000**	**117,000**	**281,000**	**496,000**
1,1,1-Trichloroethane	20,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Trichloroethene	500	<5.79	**32.9**	<11.5	<5.27	<9.39	**1,350**	**5,560**	**9,300**	**21,600**
1,1-Dichloroethene	700	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
1,2-Dichloroethane	500	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
1,1-Dichloroethane	400,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Chloroethane	170	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
cis-1,2-Dichloroethene	7,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**639**	**2,180**	**3,270**
trans-1,2-Dichloroethene	10,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Vinyl Chloride	200	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Petroleum Hydrocarbons										
Benzene	500	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**670**	<469	<438
Ethylbenzene	70,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Toluene	100,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**2,210**	<469	<438
Chlorobenzene	10,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Cyclohexane	200,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,200**	<469	<438
Naphthalene	100,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,180**	<469	<438
m,p-xylenes	1,000,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**1,560**	<469	<438
o-xylenes	1,000,000	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**735**	<469	<438
Total xylenes	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	21,888	<5.79	<5.98	<11.5	<5.27	<9.39	<577	**735**	<469	<438
Other VOCs										
2-Butanone	200,000	<57.9	<59.8	<115	<52.7	<93.9	<5,770	<6,370	<4,690	<4,380
Acetone	400,000	<57.9	<59.8	<115	<52.7	<93.9	<5,770	<6,370	<4,690	<4,380
Bromomethane	800	<5.79	<5.98	<11.5	<5.27	<9.39	<577	<637	<469	<438
Carbon Disulfide	400,000	<46.4	<47.8	<11.5	<5.27	<9.39	<4,620	<5,090	<3,760	<3,500
Methylene Chloride	500	<23.2	<23.9	<11.5	<5.27	<9.39	<2,310	<2,550	<1,880	<1,750

Notes
VOCs-Volatile Organic Compounds
µg/kg- micrograms per kilogram
RRS- Risk Reduction Standards
2'- sample collected from 2 feet below land surface
NR-Not regulated
NA-not analyzed
Bold- Analyte was detected in the sample
Bold- Exceeds Type 1 RRS
Soil Sample Locations Excavated by MACTEC on 4/24/13
Sample collected in the water table
All Samples collected by AEM on behalf of ARAMARK

Legend

- AEM Soil Boring
- MACTEC Soil Boring
- DePaul Soil Boring
- Pickering Soil Boring
- Qore Soil Boring
- Law Soil Boring
- Bock Soil Boring
- Law & Bock Soil Boring
- Approximate Property Boundary



Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

AEM

Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 13, 2013

ARAMARK - DeKalb

Historical Soil Sample Locations

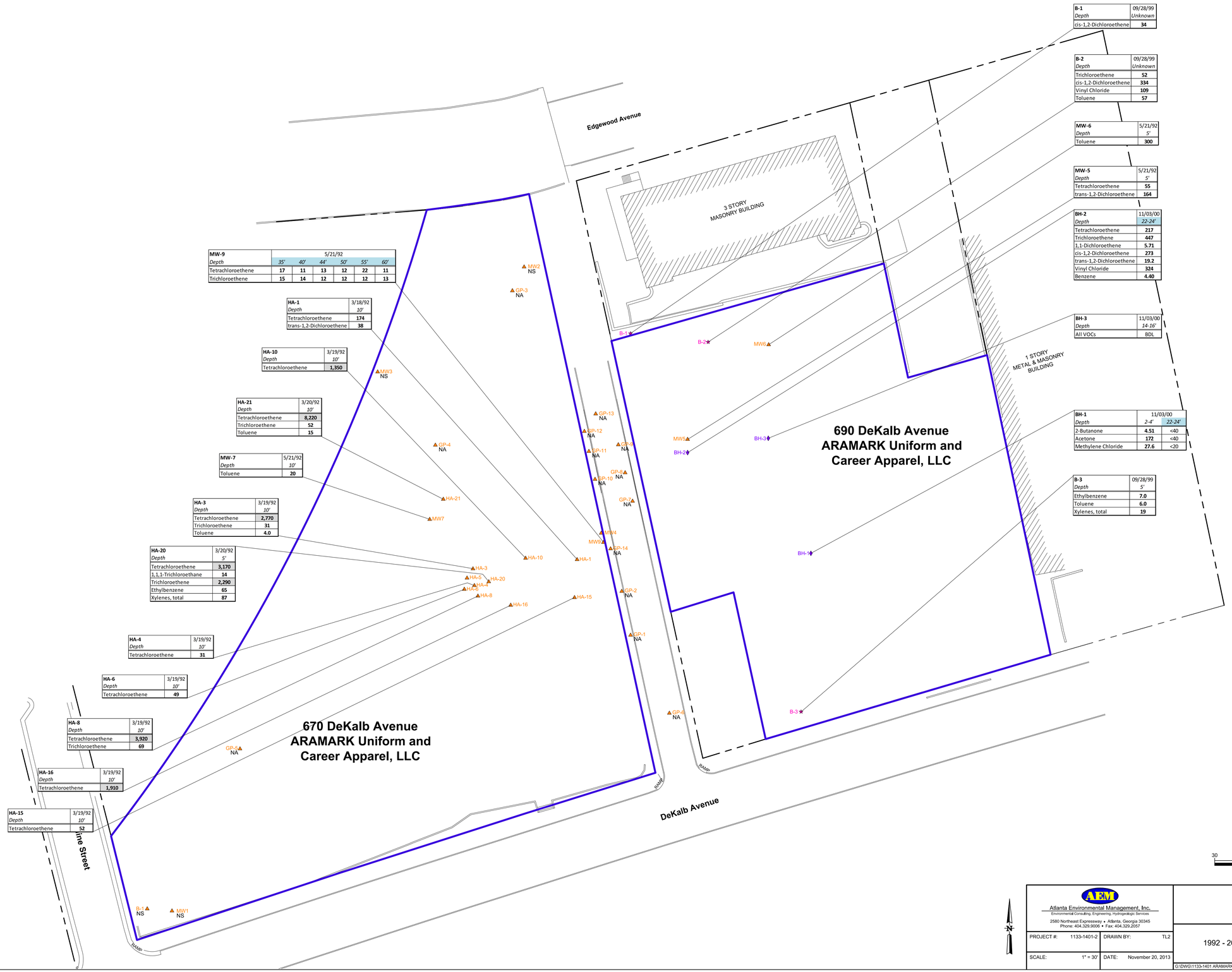
Figure A1

G:\DWG\1133-1401 ARAMARK DeKalb\02\A1 Historical Soil Results

Legend

- ▲ - DePaul Soil Boring
- ♦ - Pickering Soil Boring
- ★ - Qore Soil Boring
- Approximate Property Boundary
- µg/Kg - Micrograms per Kilogram
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard
- BDL - Below Detection Limits
- NS - Not Sampled
- NA - Analytical Information Not Available

Note: All Samples reported in Micrograms per Kilogram



B-1	09/28/99
Depth	*Unknown*
cis-1,2-Dichloroethene	**34**

B-2	09/28/99
Depth	*Unknown*
Trichloroethene	**52**
cis-1,2-Dichloroethene	**334**
Vinyl Chloride	**109**
Toluene	**57**

MW-6	5/21/92
Depth	*5'*
Toluene	**300**

MW-5	5/21/92
Depth	*5'*
Tetrachloroethene	**55**
trans-1,2-Dichloroethene	**164**

BH-2	11/03/00
Depth	*22-24'*
Tetrachloroethene	**217**
Trichloroethene	**447**
1,1-Dichloroethene	**5.71**
cis-1,2-Dichloroethene	**273**
trans-1,2-Dichloroethene	**19.2**
Vinyl Chloride	**324**
Benzene	**4.40**

BH-3	11/03/00
Depth	*14-16'*
All VOCs	BDL

BH-1	11/03/00	
Depth	*2-4'*	*22-24'*
2-Butanone	**4.51**	<40
Acetone	**172**	<40
Methylene Chloride	**27.6**	<20

B-3	09/28/99
Depth	*5'*
Ethylbenzene	**7.0**
Toluene	**6.0**
Xylenes, total	**19**

MW-9	5/21/92					
Depth	*35'*	*40'*	*44'*	*50'*	*55'*	*60'*
Tetrachloroethene	**17**	**11**	**13**	**12**	**22**	**11**
Trichloroethene	**15**	**14**	**12**	**12**	**12**	**13**

HA-1	3/18/92
Depth	*10'*
Tetrachloroethene	**174**
trans-1,2-Dichloroethene	**38**

HA-10	3/19/92
Depth	*10'*
Tetrachloroethene	**1,350**

HA-21	3/20/92
Depth	*10'*
Tetrachloroethene	**8,220**
Trichloroethene	**52**
Toluene	**15**

MW-7	5/21/92
Depth	*10'*
Toluene	**20**

HA-3	3/19/92
Depth	*10'*
Tetrachloroethene	**2,770**
Trichloroethene	**31**
Toluene	**4.0**

HA-20	3/20/92
Depth	*5'*
Tetrachloroethene	**3,170**
1,1,1-Trichloroethane	**14**
Trichloroethene	**2,290**
Ethylbenzene	**65**
Xylenes, total	**87**

HA-4	3/19/92
Depth	*10'*
Tetrachloroethene	**31**

HA-6	3/19/92
Depth	*10'*
Tetrachloroethene	**49**

HA-8	3/19/92
Depth	*10'*
Tetrachloroethene	**3,920**
Trichloroethene	**69**

HA-16	3/19/92
Depth	*10'*
Tetrachloroethene	**1,910**

HA-15	3/19/92
Depth	*10'*
Tetrachloroethene	**32**

Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

N

AEM

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PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

ARAMARK - DeKalb

1992 - 2000 Soil Boring Results

Figure

A2

G:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

Legend

- Law Soil Boring
- Bock Soil Boring
- Law & Bock Soil Boring
- Approximate Property Boundary

µg/Kg - Micrograms per Kilogram

- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard

BDL - Below Detection Limits

NS - Not Sampled

Notes:
1. All Samples reported in Micrograms per Kilogram.
2. Law and Bock Environmental collected split samples during the April 2001 investigation.

MW-103 (Law)	04/24/01		
Depth	*0-2'*	*9-11'*	*14-16'*
Tetrachloroethene	**34**	**84,000**	**90,000**
Trichloroethene	**20**	**15,000**	<3,400

MW-103 (Bock)	04/24/01		
Depth	*0-2'*	*9-11'*	*14-16'*
Tetrachloroethene	**44**	**770**	**10,070**
Trichloroethene	**43**	**1,350**	**120**
cis-1,2-Dichloroethene	**11**	**460**	**595**
trans-1,2-Dichloroethene	<7.0	**13**	<7.0
Naphthalene	<7.0	**10**	**9.0**
o-xylene	<7.0	<6.0	**31**
m,p-Xylene	<7.0	**11**	**22**
Isopropylbenzene	<7.0	**16**	**8.0**

DP-104 (Law)	04/25/01		
Depth	*0-2'*	*8-10'*	*14-16'*
Tetrachloroethene	**110**	**4,200**	**2,000 E**
Trichloroethene	**16**	**910**	**49**
cis-1,2-Dichloroethene	**41**	**1,700**	**780**

DP-104 (Bock)	04/25/01		
Depth	*0-2'*	*8-10'*	*14-16'*
Tetrachloroethene	**170**	**9,230**	**450**
Trichloroethene	**19**	**1,640**	**46**
cis-1,2-Dichloroethene	**31**	**2,250**	**1,160**
Naphthalene	<6.0	<320	**13**
o-xylene	<6.0	<320	**19**
m,p-Xylene	<6.0	<320	**8.0**

DP-105 (Law)	04/25/01		
Depth	*0-2'*	*10-12'*	*12-14'*
Tetrachloroethene	**780**	**650,000**	**23,000**
Trichloroethene	<320	**380**	<350

DP-105 (Bock)	04/25/01		
Depth	*0-2'*	*10-12'*	*12-14'*
Tetrachloroethene	**385**	**2,830,300**	**432,400**
Trichloroethene	<125	<3,480	**275**
cis-1,2-Dichloroethene	<125	<3,480	**155**
Isopropylbenzene	<125	<3,480	**385**

MW-102 (Law)	04/23/01
Depth	*19-21'*
Tetrachloroethene	**18**
cis-1,2-Dichloroethene	**18**

MW-102 (Bock)	04/23/01
Depth	*19-21'*
Tetrachloroethene	**9.0**
cis-1,2-Dichloroethene	**10**

DP-102 (Law)	04/25/01		
Depth	*0-2'*	*4-6'*	*14-16'*
Tetrachloroethene	**19,000**	**22,000**	**6,800**

DP-102 (Bock)	04/25/01		
Depth	*0-2'*	*4-6'*	*14-16'*
Tetrachloroethene	**4,750**	**15,120**	**4,910**

MW-101 (Law)	04/24/01		
Depth	*0-2'*	*4-6'*	*14-16'*
Tetrachloroethene	**130,000**	**4,500**	**5,300**

MW-101 (Bock)	04/24/01		
Depth	*0-2'*	*4-6'*	*14-16'*
Tetrachloroethene	**4,580**	**4,540**	**1,020**
Trichloroethene	**21**	**24**	**36**

DP-106 (Law)	04/24/01	
Depth	*4-6'*	*6-8'*
Tetrachloroethene	**5,400**	**4,600**

DP-106 (Bock)	04/24/01	
Depth	*4-6'*	*6-8'*
Tetrachloroethene	**10,870**	**505**
Trichloroethene	**57**	**36**

DP-101 (Law)	04/24/01		
Depth	*0-2'*	*4-6'*	*16-18'*
Tetrachloroethene	**720,000**	**36,000**	**1,100**

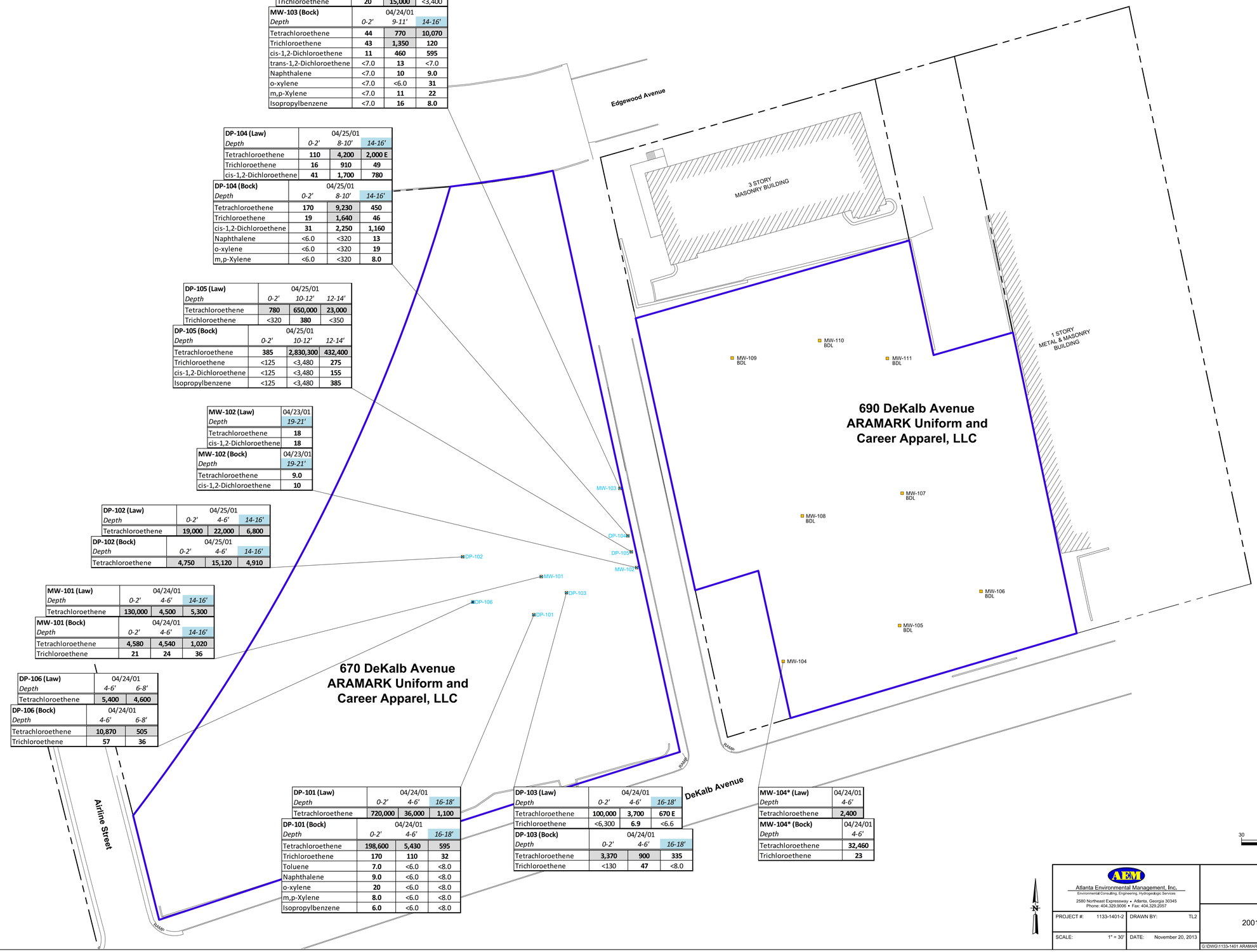
DP-101 (Bock)	04/24/01		
Depth	*0-2'*	*4-6'*	*16-18'*
Tetrachloroethene	**198,600**	**5,430**	**595**
Trichloroethene	**170**	**110**	**32**
Toluene	**7.0**	<6.0	<8.0
Naphthalene	**9.0**	<6.0	<8.0
o-xylene	**20**	<6.0	<8.0
m,p-Xylene	**8.0**	<6.0	<8.0
Isopropylbenzene	**6.0**	<6.0	<8.0

DP-103 (Law)	04/24/01		
Depth	*0-2'*	*4-6'*	*16-18'*
Tetrachloroethene	**100,000**	**3,700**	**670 E**
Trichloroethene	<6,300	**6.9**	<6.6

DP-103 (Bock)	04/24/01		
Depth	*0-2'*	*4-6'*	*16-18'*
Tetrachloroethene	**3,370**	**900**	**335**
Trichloroethene	<130	**47**	<8.0

MW-104* (Law)	04/24/01
Depth	*4-6'*
Tetrachloroethene	**2,400**

MW-104* (Bock)	04/24/01
Depth	*4-6'*
Tetrachloroethene	**32,460**
Trichloroethene	**23**



Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

N

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PROJECT #: 1133-1401-2	DRAWN BY: TL2	ARAMARK - DeKalb	
SCALE: 1" = 30'	DATE: November 20, 2013	2001 Soil Boring Results	Figure A3

G:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

Legend

- AEM Soil Boring
- Approximate Property Boundary
- µg/Kg - Micrograms per Kilogram
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard
- BDL - Below Detection Limits
- NS - Not Sampled

Note: All Samples reported in Micrograms per Kilogram

GP-9	05/16/03
Depth	*2-4'*
Tetrachloroethene	**86**

MW-203	04/15/03		
Depth	*0-2'*	*2-4'*	*8-10'*
Tetrachloroethene	**120**	<250	**45,000**
Trichloroethene	**8.6**	<250	**950**
cis-1,2-Dichloroethene	**38**	<250	**520**
Ethylbenzene	<5	**3,100**	<5.6
Toluene	<5	**250**	<5.6
Naphthalene	<5	**9,400**	<5.6
Xylenes, total	<15	**9,600**	<17
Isopropylbenzene	<5	**1,100**	<5.6

GP-24	07/23/04	
Depth	*2'*	*4'*
Tetrachloroethene	**130,000**	**3,500**
Trichloroethene	**7,500**	**98**
Isopropylbenzene	<5.1	**4.4**

GP-9D	04/15/05	
Depth	*5-6'*	*9-10'*
Tetrachloroethene	**40**	**42,000**
Trichloroethene	<4.6	**4,700**
cis-1,2-Dichloroethene	<4.6	**2,200**
Toluene	<4.6	**190**

GP-23	07/23/04	
Depth	*4'*	*6'*
Tetrachloroethene	**510**	**950**
Trichloroethene	**3.8**	**5.2**

GP-10	05/16/03
Depth	*2-4'*
Tetrachloroethene	**86**

MW-206	07/23/04
Depth	*10'*
Tetrachloroethene	**7.5**
Trichloroethene	**4.9**

GP-8	05/16/03
Depth	*2-4'*
Tetrachloroethene	**46**

GP-32	04/15/05
Depth	*0-2'*
Ethylbenzene	**420**
Toluene	**360**
Naphthalene	**340**
Xylenes, total	**3,600**

GP-21	07/23/04		
Depth	*4'*	*6'*	*8'*
Tetrachloroethene	**5.9**	**4.9**	**11**

GP-27	12/17/04	
Depth	*8'*	*14'*
Tetrachloroethene	**53**	**9,100**
Trichloroethene	<5	**240**
Ethylbenzene	<5	**270**
Xylenes, total	<15	**4,400**
Isopropylbenzene	<5	**2,100**

GP-28	12/17/04		
Depth	*4'*	*8'*	*14'*
Tetrachloroethene	**21,000**	**950**	**1,000**

GP-26	12/17/04		
Depth	*4'*	*8'*	*12'*
Tetrachloroethene	**8,500**	**970**	**450**
Trichloroethene	<320	**33**	**8**
cis-1,2-Dichloroethene	<320	**38**	**8.0**

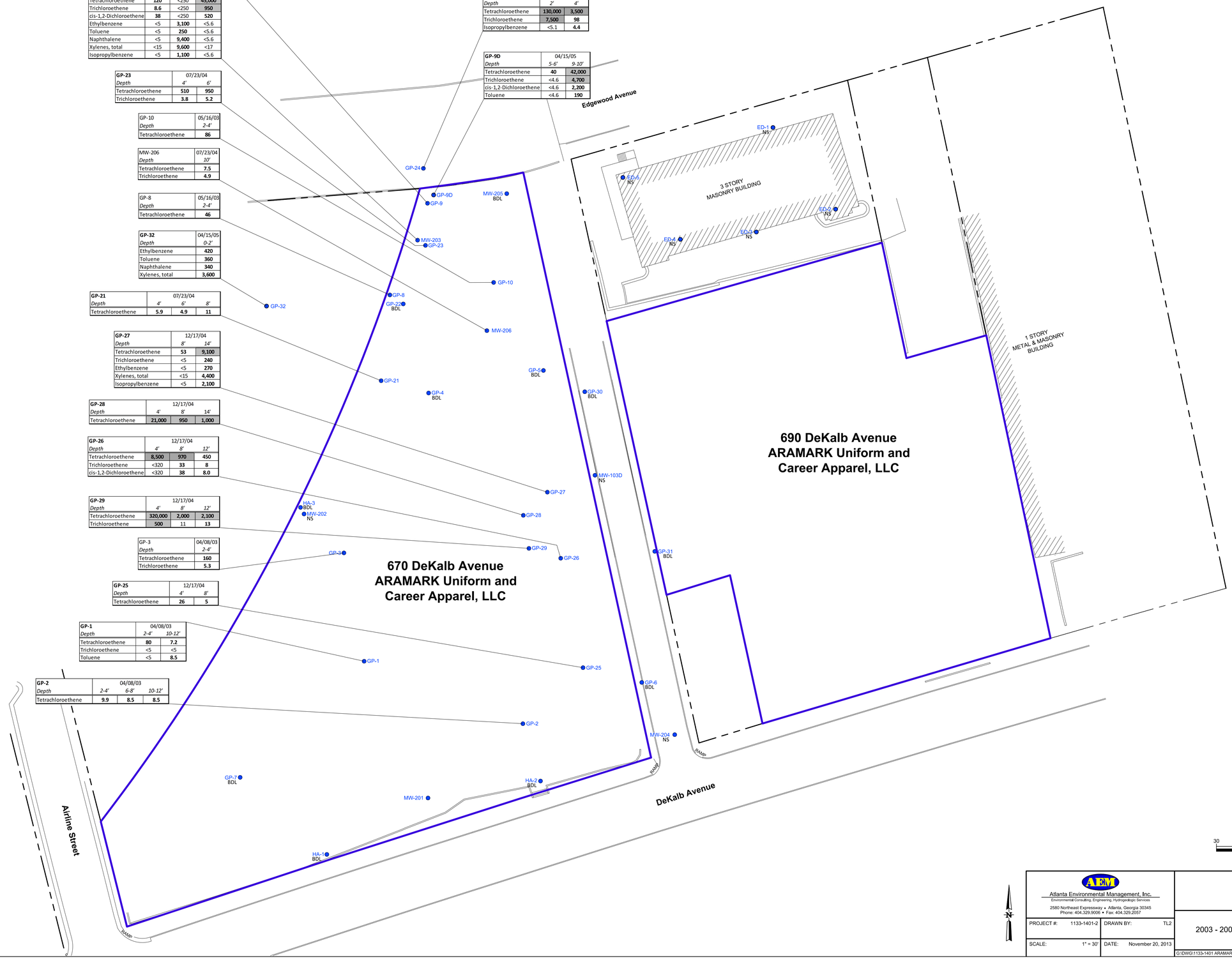
GP-29	12/17/04		
Depth	*4'*	*8'*	*12'*
Tetrachloroethene	**320,000**	**2,000**	**2,100**
Trichloroethene	**500**	11	**13**

GP-3	04/08/03
Depth	*2-4'*
Tetrachloroethene	**160**
Trichloroethene	**5.3**

GP-25	12/17/04	
Depth	*4'*	*8'*
Tetrachloroethene	**26**	**5**

GP-1	04/08/03	
Depth	*2-4'*	*10-12'*
Tetrachloroethene	**80**	**7.2**
Trichloroethene	<5	<5
Toluene	<5	**8.5**

GP-2	04/08/03		
Depth	*2-4'*	*6-8'*	*10-12'*
Tetrachloroethene	**9.9**	**8.5**	**8.5**



Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

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PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

ARAMARK - DeKalb

2003 - 2005 AEM Soil Boring Results

Figure A4

G:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

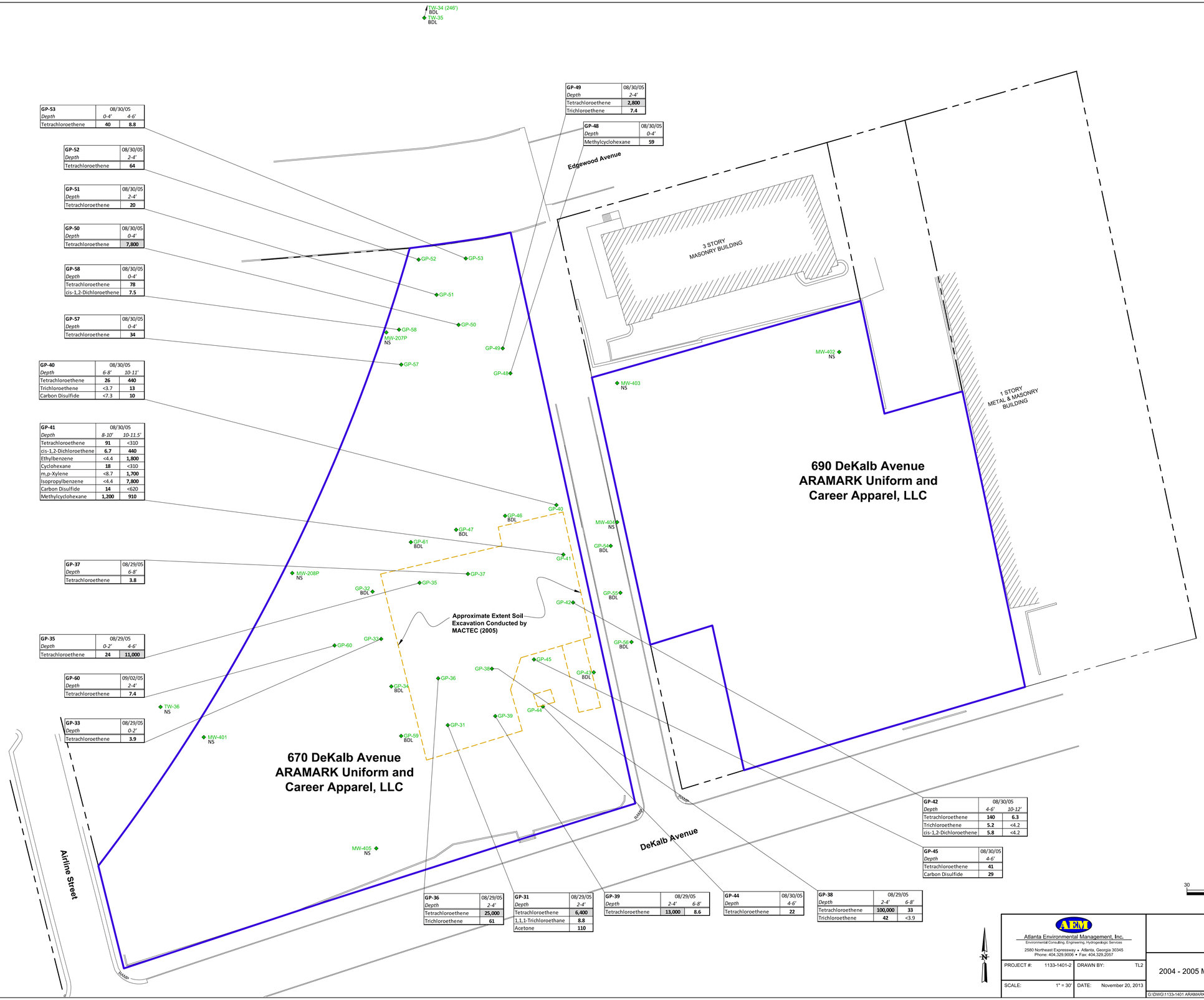
Legend

- MACTEC Soil Boring
- Approximate Property Boundary
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard

BDL - Below Detection Limits

NS - Not Sampled

Note: All Samples reported in Micrograms per Kilogram



GP-53	08/30/05	
Depth	0-4'	4-6'
Tetrachloroethene	40	8.8

GP-52	08/30/05
Depth	2-4'
Tetrachloroethene	64

GP-51	08/30/05
Depth	2-4'
Tetrachloroethene	20

GP-50	08/30/05
Depth	0-4'
Tetrachloroethene	7,800

GP-58	08/30/05
Depth	0-4'
Tetrachloroethene	78
cis-1,2-Dichloroethene	7.5

GP-57	08/30/05
Depth	0-4'
Tetrachloroethene	34

GP-40	08/30/05	
Depth	6-8'	10-11'
Tetrachloroethene	26	440
Trichloroethene	<3.7	13
Carbon Disulfide	<7.3	10

GP-41	08/30/05	
Depth	8-10'	10-11.5'
Tetrachloroethene	91	<310
cis-1,2-Dichloroethene	6.7	440
Ethylbenzene	<4.4	1,800
Cyclohexane	18	<310
m,p-Xylene	<8.7	1,700
Isopropylbenzene	<4.4	7,800
Carbon Disulfide	14	<620
Methylcyclohexane	1,200	910

GP-37	08/29/05
Depth	6-8'
Tetrachloroethene	3.8

GP-35	08/29/05	
Depth	0-2'	4-6'
Tetrachloroethene	24	11,000

GP-60	09/02/05
Depth	2-4'
Tetrachloroethene	7.4

GP-33	08/29/05
Depth	0-2'
Tetrachloroethene	3.9

GP-49	08/30/05
Depth	2-4'
Tetrachloroethene	2,800
Trichloroethene	7.4

GP-48	08/30/05
Depth	0-4'
Methylcyclohexane	59

GP-42	08/30/05	
Depth	4-6'	10-12'
Tetrachloroethene	140	6.3
Trichloroethene	5.2	<4.2
cis-1,2-Dichloroethene	5.8	<4.2

GP-45	08/30/05
Depth	4-6'
Tetrachloroethene	41
Carbon Disulfide	29

GP-36	08/29/05
Depth	2-4'
Tetrachloroethene	25,000
Trichloroethene	61

GP-31	08/29/05
Depth	2-4'
Tetrachloroethene	6,400
1,1,1-Trichloroethane	8.8
Acetone	110

GP-39	08/29/05	
Depth	2-4'	6-8'
Tetrachloroethene	13,000	8.6

GP-44	08/30/05
Depth	4-6'
Tetrachloroethene	22

GP-38	08/29/05	
Depth	2-4'	6-8'
Tetrachloroethene	100,000	33
Trichloroethene	42	<3.9

Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

N

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ARAMARK - DeKalb

2004 - 2005 MACTEC Soil Boring Results

PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

Figure A5

G:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

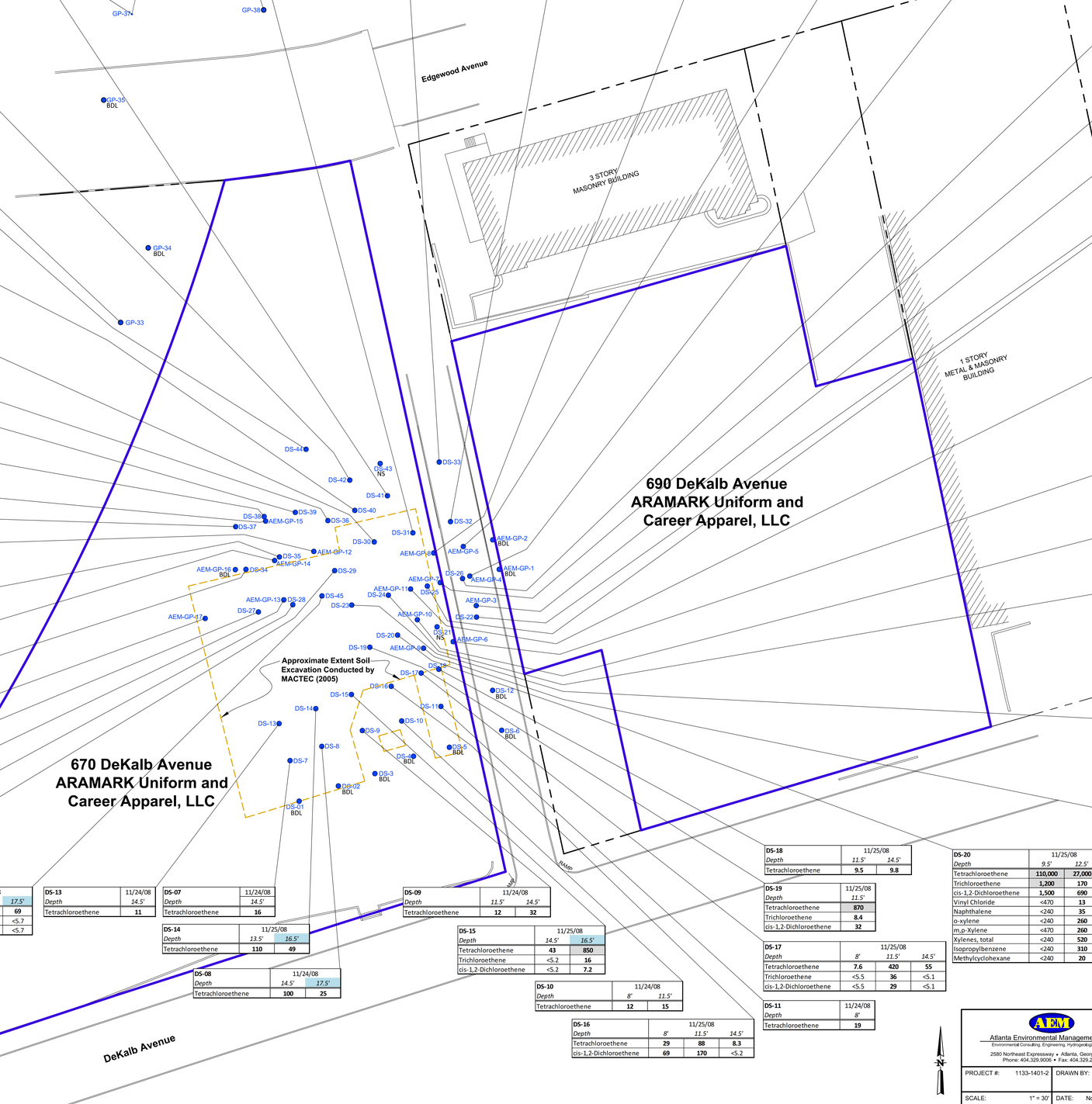
Legend

- AEM Soil Boring
- Approximate Property Boundary
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard

BDL - Below Detection Limits

NS - Not Sampled

Note: All Samples reported in Micrograms per Kilogram



GP-33	01/24/06
Depth	2-4'
Naphthalene	4.1

DS-42	12/03/08
Depth	14.5'
Tetrachloroethene	8.3

DS-41	12/03/08		
Depth	14.5'	19.5'	24.5'
Tetrachloroethene	26	59	280
Trichloroethene	6.3	16	18
cis-1,2-Dichloroethene	<4.7	19	21

GP-37	01/24/06
Depth	2-4'
Tetrachloroethene	11
Naphthalene	<3.2

GP-38	01/24/06
Depth	4-6'
Tetrachloroethene	6.9

DS-31	11/26/08	
Depth	9.5'	14.5'
Tetrachloroethene	150	33
Trichloroethene	670	120
cis-1,2-Dichloroethene	1,300	700
trans-1,2-Dichloroethene	9.6	<5.1
Vinyl Chloride	<8.1	21
Naphthalene	<4.1	54
Isopropylbenzene	16	400
Methylcyclohexane	<4.1	28

DS-33	11/26/08	
Depth	9.5'	14.5'
Tetrachloroethene	9.0	1,600
Trichloroethene	6.7	100
cis-1,2-Dichloroethene	66	460
Vinyl Chloride	<11	16

DS-32	11/26/08	
Depth	9.5'	14.5'
Tetrachloroethene	67	2,200
Trichloroethene	93	940
cis-1,2-Dichloroethene	450	1,400
Vinyl Chloride	<10	21
Naphthalene	<5.1	24
Xylenes, total	<5.1	18
Isopropylbenzene	<5.1	7.0
Methylcyclohexane	<5.1	28

AEM GP-8	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	66	150,000
Trichloroethene	10	4,300
cis-1,2-Dichloroethene	5.1	3,600

AEM GP-5	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	13	56
Trichloroethene	9.5	120
cis-1,2-Dichloroethene	12	1,600
Naphthalene	<3.1	3.7
Isopropylbenzene	<3.1	8

AEM GP-4	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	23	590
Trichloroethene	14	<160
cis-1,2-Dichloroethene	5.8	2,100
Xylenes, total	<3.0	320
Isopropylbenzene	<3.0	700

DS-26	11/25/08		
Depth	8'	9.5'	14.5'
Tetrachloroethene	8.7	2,400	910
Trichloroethene	<4.1	34	14
1,1-Dichloroethene	<4.1	4.1	<4.0
cis-1,2-Dichloroethene	16	2,300	200
Vinyl Chloride	<8.2	16	<8.0
Benzene	<4.1	4.4	<4.0
Ethylbenzene	<4.1	130	<4.0
Cyclohexane	<4.1	7.0	<4.0
Naphthalene	<4.1	98	<4.0
o-xylene	<4.1	36	<4.0
m,p-Xylene	<8.2	400	<8.0
Xylenes, total	<4.1	450	<4.0
Isopropylbenzene	<4.1	840	<4.0
Methylcyclohexane	<4.1	50	<4.0

AEM GP-7	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	24	57
Trichloroethene	<2.9	6.8
cis-1,2-Dichloroethene	<2.9	9.2
Naphthalene	<2.9	3.6
Acetone	<58	130

AEM GP-3	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	19	190
Trichloroethene	<3.3	53
cis-1,2-Dichloroethene	<3.3	540

DS-22	11/25/08		
Depth	8'	11.5'	14.5'
Tetrachloroethene	33	620	1,200
Trichloroethene	<4.1	25	21
cis-1,2-Dichloroethene	<4.1	6.2	9.1

DS-25	11/25/08		
Depth	8'	11.5'	14.5'
Tetrachloroethene	6,900	1,900	430
Trichloroethene	62	36	22
cis-1,2-Dichloroethene	96	1,100	270
trans-1,2-Dichloroethene	<3.8	8.4	<4.3
Vinyl Chloride	100	260	<8.7
Ethylbenzene	<3.8	170	<4.3
Naphthalene	<3.8	180	<4.3
o-xylene	<3.8	180	6.4
m,p-Xylene	<7.6	250	<8.7
Xylenes, total	<3.8	420	6.4
Isopropylbenzene	<3.8	420	<4.3
Methylcyclohexane	<3.8	54	<4.3

AEM GP-11	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	12	13
Trichloroethene	<2.8	34
cis-1,2-Dichloroethene	<2.8	2,000
Vinyl Chloride	<5.5	710
Ethylbenzene	<2.8	14
Naphthalene	3.6	8.8
Xylenes, total	<2.8	2.8
Isopropylbenzene	<2.8	21

AEM GP-6	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	80	120
Trichloroethene	61	9.5
cis-1,2-Dichloroethene	<2.9	93
Acetone	80	<76

AEM GP-10	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	60	480,000
Trichloroethene	<3.3	1,700
Acetone	100	<29,000

DS-24	11/25/08	
Depth	8'	11.5'
Tetrachloroethene	26,000	11,000
Trichloroethene	890	2,300
cis-1,2-Dichloroethene	550	2,500
trans-1,2-Dichloroethene	3.9	<4.9
Vinyl Chloride	<6.9	11
Ethylbenzene	<3.5	88
Naphthalene	<3.5	99
m,p-Xylene	<6.9	190
Xylenes, total	<3.5	190
Isopropylbenzene	<3.5	2,900
Methylcyclohexane	<3.5	38

DS-23	11/25/08		
Depth	8'	11.5'	14.5'
Tetrachloroethene	7,000	4,700	1,800
Trichloroethene	150	<300	<4.4
cis-1,2-Dichloroethene	280	<300	<4.4
Naphthalene	6.1	<300	<4.4
Isopropylbenzene	<3.8	390	<4.4
2-Hexanone	110	<600	<8.9
Methylcyclohexane	6.4	<300	<4.4

AEM GP-9	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	53	23,000
Trichloroethene	<2.8	1,000
cis-1,2-Dichloroethene	3.7	640
trans-1,2-Dichloroethene	<2.8	3.9
Ethylbenzene	<2.8	6.1
Naphthalene	<2.8	7.1
Xylenes, total	<2.8	6.1
Isopropylbenzene	<2.8	38
2-Butanone	<28	34
Acetone	<57	410 E
Methylcyclohexane	<2.8	9.8

DS-44	12/03/08		
Depth	8'	9.5'	14.5'
Tetrachloroethene	230	<4.7	<4.4
cis-1,2-Dichloroethene	<210	8.0	12
Benzene	2,300	370	24
Ethylbenzene	46,000	380	<4.4
Toluene	6,900	11	<4.4
Cyclohexane	<210	37	<4.4
Naphthalene	82,000	640	7.9
o-xylene	49,000	10	<4.4
m,p-Xylene	200,000	40	<8.8
Xylenes, total	250,000	50	<4.4
Isopropylbenzene	11,000	32	<4.4
Methylcyclohexane	21,000	62	<4.4
Methyl tert-butyl ether	<210	<4.7	4.6

DS-40	12/03/08	
Depth	14.5'	21.5'
Tetrachloroethene	<190	16
Naphthalene	320	<5.3
o-xylene	220	<5.3
m,p-Xylene	640	<11
Xylenes, total	860	<5.3
Isopropylbenzene	220	<5.3

DS-30	11/26/08		
Depth	9.5'	14.5'	19.5'
Tetrachloroethene	83	700	85
Trichloroethene	<4.0	16	<4.5
cis-1,2-Dichloroethene	6.6	45	<4.5
Isopropylbenzene	660	<4.9	<4.5
Methylcyclohexane	16	<4.9	<4.5

DS-36	11/26/08
Depth	14.5'
Tetrachloroethene	13

DS-39	11/26/08	
Depth	9.5'	14.5'
Tetrachloroethene	68	<4.2
Trichloroethene	53	6.6
cis-1,2-Dichloroethene	55	11
Carbon Disulfide	36	<8.4

DS-38	11/26/08	
Depth	9.5'	14.5'
Tetrachloroethene	79	58
Trichloroethene	10	5.0
cis-1,2-Dichloroethene	17.0	9.6

AEM GP-15	08/05/08
Depth	7.5-8'
Tetrachloroethene	26

DS-37	11/26/08		
Depth	9.5'	14.5'	19.5'
Tetrachloroethene	120	55	110

AEM GP-12	08/05/08		
Depth	3.5-4'	7.5-8'	7.5-8' DUP
Tetrachloroethene	900	67	94
Trichloroethene	66	10	25
cis-1,2-Dichloroethene	53	23	46
Naphthalene	3.6	<2.8	<3.0
Acetone	110	<55	<60

DS-35	11/26/08		
Depth	9.5'	14.5'	19.5'
Tetrachloroethene	14	68	160
Trichloroethene	<3.7	7.2	7.3
cis-1,2-Dichloroethene	4.8	4.5	13

AEM GP-14	08/05/08	
Depth	3.5-4'	7.5-8'
Tetrachloroethene	38	18

DS-34	11/26/08		
Depth	9.5'	14.5'	19.5'
Tetrachloroethene	18	<210	85
4-Methyl-2-pentanone	<10	820	<8.9

AEM GP-17	08/05/08
Depth	7.5-8'
Tetrachloroethene	3.7

DS-27	11/25/08	
Depth	11.5'	14.5'
Tetrachloroethene	21	59

AEM GP-13	08/05/08
Depth	7.5-8'
Tetrachloroethene	14

DS-28	11/25/08	
Depth	12.5'	17.5'
Tetrachloroethene	400	43

DS-29	11/26/08		
Depth	9.5'	13.5'	17.5'
Tetrachloroethene	<3.8	<3.7	1,600
Trichloroethene	<3.8	5.1	34
cis-1,2-Dichloroethene	1,400	1,300	160 E
Vinyl Chloride	270	69	<7.7
Ethylbenzene	540	<3.7	<3.9
Cyclohexane	7.4	<3.7	<3.9
Naphthalene	130	4.5	<3.9
Xylenes, total	330	<3.7	15
Isopropylbenzene	3,100	33	6.4
Methylcyclohexane	47	<3.7	<3.9

DS-45	12/03/08		
Depth	9.5'	14.5'	17.5'
Tetrachloroethene	940	100	69
Trichloroethene	8.8	<5.3	<5.7
cis-1,2-Dichloroethene	26	<5.3	<5.7

DS-13	11/24/08
Depth	14.5'
Tetrachloroethene	11

DS-07	11/24/08
Depth	14.5'
Tetrachloroethene	16

DS-14	11/25/08	
Depth	13.5'	16.5'
Tetrachloroethene	110	49

DS-08	11/24/08	
Depth	14.5'	17.5'
Tetrachloroethene	100	25

DS-09	11/24/08	
Depth	11.5'	14.5'
Tetrachloroethene	12	32

DS-15	11/25/08	
Depth	14.5'	16.5'
Tetrachloroethene	43	850
Trichloroethene	<5.2	16
cis-1,2-Dichloroethene	<5.2	7.2

DS-10	11/24/08	
Depth	8'	11.5'
Tetrachloroethene	12	15

DS-16	11/25/08		
Depth	8'	11.5'	14.5'
Tetrachloroethene	29	88	8.3
cis-1,2-Dichloroethene	69	170	<5.2

DS-18	11/25/08	
Depth	11.5'	14.5'
Tetrachloroethene	9.5	9.8

DS-19	11/25/08
Depth	11.5'
Tetrachloroethene	870
Trichloroethene	8.4
cis-1,2-Dichloroethene	32

DS-17	11/25/08		
Depth	8'	11.5'	14.5'
Tetrachloroethene	7.6	420	55
Trichloroethene	<5.5	36	<5.1
cis-1,2-Dichloroethene	<5.5	29	<5.1

DS-11	11/24/08
Depth	8'
Tetrachloroethene	19

DS-20	11/25/08	
Depth	9.5'	12.5'
Tetrachloroethene	110,000	27,000
Trichloroethene	1,200	170
cis-1,2-Dichloroethene	1,500	690
Vinyl Chloride	<470	13
Naphthalene	<240	35
o-xylene	<240	260
m,p-Xylene	<470	260
Xylenes, total	<240	520
Isopropylbenzene	<240	310
Methylcyclohexane	<240	20

Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

AEM
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ARAMARK - DeKalb

2006 - 2008 Soil Boring Results

Figure A6

PROJECT #: 1133-1401-2 | DRAWN BY: TL2

SCALE: 1" = 30' | DATE: November 20, 2013

Q:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

Legend

- AEM Soil Boring
- Approximate Property Boundary
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard

BDL - Below Detection Limits

NS - Not Sampled

Note: All Samples reported in Micrograms per Kilogram

10-1410-23C	10/14/10
Depth	*8'*
Toluene	**5.03**
Naphthalene	**14.7**
o-xylene	**4.19**
m,p-Xylene	**9.06**
Isopropylbenzene	**10.6**
Carbon Disulfide	**8.75**

10-1410-22C	10/14/10
Depth	*8'*
Tetrachloroethene	**6.24**
Naphthalene	**5.41**

10-1410-21C	10/14/10
Depth	*8'*
Ethylbenzene	**4.23**
Toluene	**9.81**
Naphthalene	**26.6**
o-xylene	**7.73**
m,p-Xylene	**19.1**

101310-Bottom 2	10/13/10
Depth	*10'*
Tetrachloroethene	**10.5**
cis-1,2-Dichloroethene	**5.96**

TN-092410-20	09/24/10
Depth	*8'*
Tetrachloroethene	**627**
Trichloroethene	**52.9**
cis-1,2-Dichloroethene	**63.6**
Acetone	**135**

WS-090810-12	09/08/10
Depth	*12'*
Tetrachloroethene	**38**
Trichloroethene	**5.5**

BN-091310-19N	09/13/10
Depth	*22'*
Methylene Chloride	**12.2**

TE-090810-11	09/08/10
Depth	*7'*
cis-1,2-Dichloroethene	**5.2**

BN-091310-19S	09/13/10
Depth	*23'*
Tetrachloroethene	**29.5**
Trichloroethene	**14**
cis-1,2-Dichloroethene	**35.6**
Methylene Chloride	**6.44**

G-090810-13	09/08/10
Depth	*18'*
Tetrachloroethene	**2,800**
Trichloroethene	**300**
cis-1,2-Dichloroethene	**530**
Vinyl Chloride	**39**

WN-092410-21	09/24/10
Depth	*8'*
Tetrachloroethene	**144**
Trichloroethene	**9.29**
cis-1,2-Dichloroethene	**11.8**
Acetone	**280**

G-090810-17	09/08/10
Depth	*18'*
Tetrachloroethene	**640**
Trichloroethene	**940**
cis-1,2-Dichloroethene	**1,400**
Xylenes, total	**11**

101310-Bottom 1	10/13/10
Depth	*10'*
cis-1,2-Dichloroethene	**36.7**
Vinyl Chloride	**5.2**

G-090810-16	09/08/10
Depth	*18'*
Tetrachloroethene	**280**
Trichloroethene	**3.7**
cis-1,2-Dichloroethene	**44**
Xylenes, total	**4.7**
Isopropylbenzene	**4.7**

G-090810-16	09/08/10
Depth	*7'*
Tetrachloroethene	**86**
cis-1,2-Dichloroethene	**7.6**

10-1410-24C	10/14/10
Depth	*8'*
cis-1,2-Dichloroethene	**5.49**

G-090810-15	09/08/10
Depth	*18'*
Tetrachloroethene	**40**

TN-092410-22	09/24/10
Depth	*8'*
Tetrachloroethene	**131**
Trichloroethene	**28.2**
cis-1,2-Dichloroethene	**40**

Pit D 3 1/2	09/24/10
Depth	*10'*
Tetrachloroethene	**158**

G-090810-14	09/08/10
Depth	*18'*
Tetrachloroethene	**77**

10-1410-25C	10/14/10
Depth	*8'*
Tetrachloroethene	**24.8**
Trichloroethene	**6.27**
cis-1,2-Dichloroethene	**7.55**

Pit C 1/2 2 1/2	09/24/10
Depth	*10'*
Tetrachloroethene	**34.8**

WN-092410-23	09/24/10
Depth	*8'*
Tetrachloroethene	**169**
Trichloroethene	**11.4**

TW-092410-30	09/24/10
Depth	*8'*
Tetrachloroethene	**62.2**
Trichloroethene	**5.43**
cis-1,2-Dichloroethene	**74.6**

10-1410-26C	10/14/10
Depth	*8'*
Tetrachloroethene	**219**
Trichloroethene	**27.8**
cis-1,2-Dichloroethene	**13.3**
Acetone	**130**
Carbon Disulfide	**21.1**

WS-092410-31	09/24/10
Depth	*8'*
Tetrachloroethene	**73.3**

TN-092410-24	09/24/10
Depth	*8'*
Tetrachloroethene	**65.1**
Trichloroethene	**63.3**
cis-1,2-Dichloroethene	**10.8**

WW-092410-29	09/24/10
Depth	*8'*
Tetrachloroethene	**36.5**
Trichloroethene	**6.64**
cis-1,2-Dichloroethene	**16.6**
Acetone	**52.4**

WW-092410-25	09/24/10
Depth	*8'*
Acetone	**94.4**

TW-092810-29A	09/28/10
Depth	*8'*
Tetrachloroethene	**4,700**
Trichloroethene	**86**
cis-1,2-Dichloroethene	**75**

Pit C 4	09/24/10
Depth	*10'*
Tetrachloroethene	**1,030**
Trichloroethene	**27.6**
cis-1,2-Dichloroethene	**133**

TW-092410-26	09/24/10
Depth	*8'*
Tetrachloroethene	**107**
Trichloroethene	**8.23**
cis-1,2-Dichloroethene	**29.5**
Acetone	**37.6**

WW-092410-27	09/24/10
Depth	*8'*
Tetrachloroethene	**1,680**
Trichloroethene	**28.2**
cis-1,2-Dichloroethene	**15**
Acetone	**37.6**

TW-092810-27A	09/28/10
Depth	*8'*
Tetrachloroethene	**300**
Trichloroethene	**7.6**
cis-1,2-Dichloroethene	**6.2**

102110-28E	10/21/10
Depth	*8'*
Tetrachloroethene	**478**
Trichloroethene	**6.47**

102010-28D	10/20/10
Depth	*8'*
Tetrachloroethene	**637**

101210-28B	10/12/10
Depth	*8'*
Tetrachloroethene	**2,770**
Trichloroethene	**10.7**
cis-1,2-Dichloroethene	**6.34**

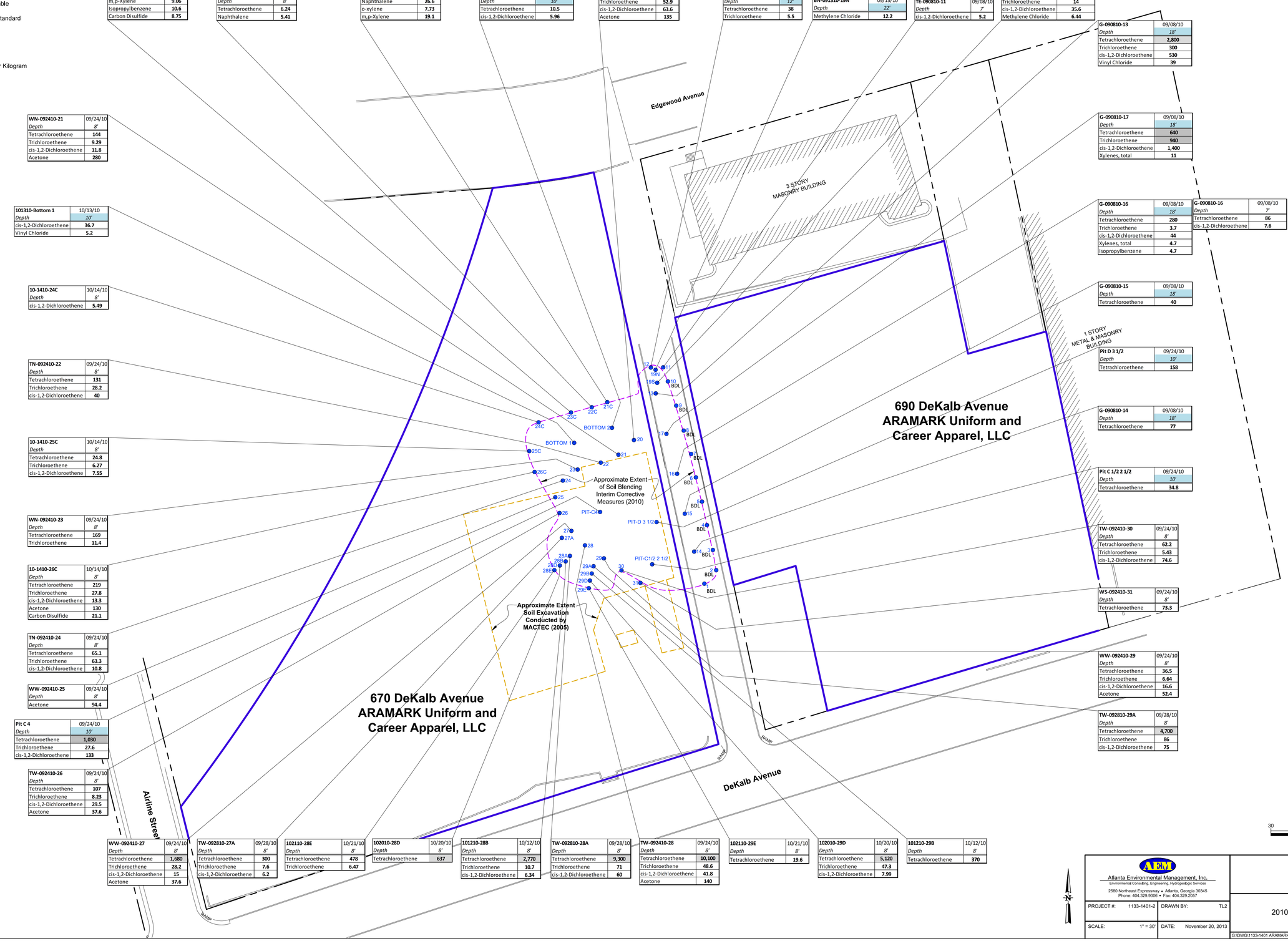
TW-092810-28A	09/28/10
Depth	*8'*
Tetrachloroethene	**9,300**
Trichloroethene	**71**
cis-1,2-Dichloroethene	**60**

TW-092410-28	09/24/10
Depth	*8'*
Tetrachloroethene	**10,100**
Trichloroethene	**48.6**
cis-1,2-Dichloroethene	**41.8**
Acetone	**140**

102110-29E	10/21/10
Depth	*8'*
Tetrachloroethene	**19.6**

102010-29D	10/20/10
Depth	*8'*
Tetrachloroethene	**5,120**
Trichloroethene	**47.3**
cis-1,2-Dichloroethene	**7.99**

101210-29B	10/12/10
Depth	*8'*
Tetrachloroethene	**370**



Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

AEM
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Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

ARAMARK - DeKalb

PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

2010 Soil Boring Results

Figure A7

G:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

Legend

- ● - AEM Soil Boring
- — - Approximate Property Boundary
- Sample Collected in the Water Table
- Exceeds Type I Risk Reduction Standard

BDL - Below Detection Limits

NS - Not Sampled

Note: All Samples reported in Micrograms per Kilogram

SB-11	01/31/13				02/01/13
Depth	0-2'	5-6'	10-12'	14-15'	18-20'
Tetrachloroethene	14,800	3,400	87,600	1,320	<6.19
Trichloroethene	<294	<349	7,820	10,400	<6.19
cis-1,2-Dichloroethene	<294	<349	3,890	5,250	6.94
trans-1,2-Dichloroethene	<294	<349	<395	13.6	<6.19
Acetone	<2,940	<3,490	<3,950	170	<61.9
Methyl Acetate	<294	<349	1,600	<9.5	<6.19
Methylcyclohexane	<294	<349	613	<9.5	<6.19

SB-29	04/24/13
Depth	6'
Tetrachloroethene	496,000
Trichloroethene	21,600
cis-1,2-Dichloroethene	3,270

SB-28	04/24/13
Depth	8'
Tetrachloroethene	281,000
Trichloroethene	9,300
cis-1,2-Dichloroethene	2,180

SB-22	04/15/13	
Depth	2'	9'
Tetrachloroethene	33.6	1,810
Trichloroethene	<5.79	32.9

SB-27	04/24/13
Depth	9'
Tetrachloroethene	117,000
Trichloroethene	5,560
cis-1,2-Dichloroethene	639
Benzene	670
Toluene	2,210
Cyclohexane	1,200
Naphthalene	1,180
m,p-xylenes	1,560
o-xylenes	735
Isopropylbenzene	735

SB-18	04/15/13
Not Analyzed	

SB-23	04/22/13
Depth	10'
Tetrachloroethene	272

SB-24	04/22/13
Depth	6'
Tetrachloroethene	14.6

SB-25	04/22/13
Depth	9'
Tetrachloroethene	60.8

SB-26	04/24/13
Depth	10'
Tetrachloroethene	192,000
Trichloroethene	1,350

SB-9	01/31/13	
Depth	2-4'	6-8'
Tetrachloroethene	3,250	39.6

SB-10	01/31/13			
Depth	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	903	20,900	9,900	<4.82
Trichloroethene	<258	540	2,900	9.64
cis-1,2-Dichloroethene	<258	<410	3,070	<4.82
Acetone	<2,580	<4,100	<3,100	52.8
Methyl Acetate	<258	<410	477	<4.82

SB-19	04/15/13	
Depth	2'	9'
Tetrachloroethene	<5.78	33
Naphthalene	9.71	<5.02

SB-1	01/31/13	
Depth	6-8'	10-12'
Tetrachloroethene	9.96	<5.72
cis-1,2-Dichloroethene	<4.78	24.5
Acetone	<47.8	133

SB-7	01/31/13			
Depth	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	8,240	49,800	23.0	<5.44
Trichloroethene	291	2,170	5.93	<5.44
cis-1,2-Dichloroethene	<224	859	5.67	<5.44
Acetone	<2,240	<2,470	47.1	<54.4
Methyl Acetate	272	395	<4.59	<5.44

SB-12	02/01/13			
Depth	0-2'	6-8'	10-12'	14-16'
Tetrachloroethene	17.5	6,340	52,200	18.5
Trichloroethene	<6.40	<253	4,920	10.8
cis-1,2-Dichloroethene	<6.40	<253	941	6.73

SB-8	01/31/13
Depth	0-2'
Tetrachloroethene	10.1

SB-2	01/31/13	
Depth	6-8'	10-12'
Tetrachloroethene	18.5	38.5

SB-6	01/31/13			
Depth	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	NSR	9,950	2,410	11.0

SB-3	01/31/13		
Depth	6-8'	10-12'	14-16'
Tetrachloroethene	7.90	5.19	9.62

SB-5	01/31/13			
Depth	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	8,070	29.9	8.39	8.79

SB-4	01/31/13			
Depth	2-4'	6-8'	10-12'	14-16'
Tetrachloroethene	9,080	8.42	5.50	10.2
Trichloroethene	99.2	<5.24	<5.32	<6.23

SB-16	02/01/13	
Depth	2-4'	6-8'
Tetrachloroethene	6,740	451

SB-14	02/01/13	
Depth	2-4'	6-8'
Tetrachloroethene	4.70	7.56

SB-30	05/03/13	
Depth	0-2'	6-8'
Tetrachloroethene	7.11	3,870

SB-15	02/01/13
Depth	1-2'
Tetrachloroethene	33.8

SB-31	05/03/13
Depth	0-2'
Tetrachloroethene	10.5

SB-32	05/03/13	
Depth	2-4'	6-8'
Tetrachloroethene	545	21.1

SB-33	05/03/13	
Depth	0-2'	2-4'
Tetrachloroethene	<5.19	2,800

SP-4	04/11/13
Depth	0-3'
Barium	116
Cadmium	1.17
Chromium	11.1
Lead	13.4

SP-3	04/11/13
Depth	0-3'
Barium	68.6
Cadmium	0.882
Chromium	8.44
Lead	12.9

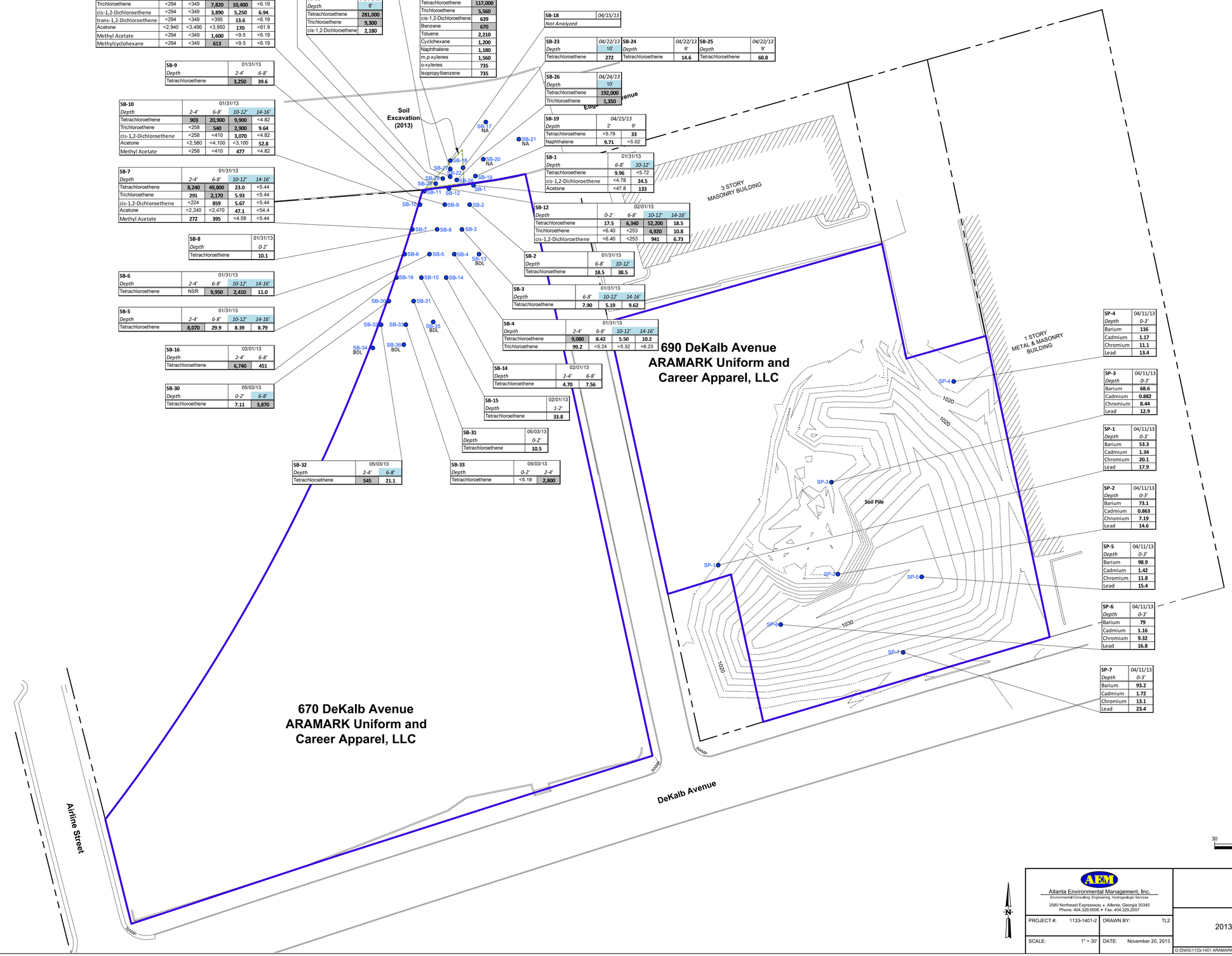
SP-1	04/11/13
Depth	0-3'
Barium	53.3
Cadmium	1.34
Chromium	20.1
Lead	17.9

SP-2	04/11/13
Depth	0-3'
Barium	73.1
Cadmium	0.863
Chromium	7.19
Lead	14.6

SP-5	04/11/13
Depth	0-3'
Barium	98.9
Cadmium	1.42
Chromium	11.8
Lead	15.4

SP-6	04/11/13
Depth	0-3'
Barium	79
Cadmium	1.16
Chromium	9.32
Lead	16.8

SP-7	04/11/13
Depth	0-3'
Barium	93.2
Cadmium	1.72
Chromium	13.1
Lead	23.4



Graphic Scale

30 0 15 30 60

1 inch = 30 ft.

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PROJECT #:	1133-1401-2	DRAWN BY:	TL2
SCALE:	1" = 30'	DATE:	November 20, 2013

ARAMARK - DeKalb

2013 Soil Boring Results

Figure A8

Q:\DWG\1133-1401 ARAMARK DeKalb\02\A2 Historical Soil Results

ATTACHMENT O

Geologist Certification

ATTACHMENT O

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 report was prepared by me or by a subordinate working under my direction."

Tony L. Gordon

Tony L. Gordon, P.G. (No. 1170)

Nov. 18, 2013

Date

TONY L. GORDON
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
No. 1170

Labor Hours	Month	Description
46.5	May 12 to May 31, 2013	Soil boring installation; monitoring well installation.
13	June 2013	Well development, sampling, reporting.
43	July 2013	Groundwater sampling, reporting.
0	August 2013	NA
0	September 2013	NA
6	October 2013	Second Semiannual Progress Reporting
7.5	Nov. 1 to Nov. 9, 2013	Second Semiannual Progress Reporting