PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST AND DIRECTION OF COUNSEL

MARCH 5, 2010

PHASE II
LIMITED SITE INVESTIGATION

ANTIOCH FOOD MART
2940 HIGHWAY 18
MORGANTON, BURKE COUNTY, NORTH CAROLINA 28655

AEI PROJECT NO. 287226
CLIENT NO. ECA20090217 – BEATRICE K. & JIMMY A. RECTOR

PREPARED FOR

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March 5, 2010

Mr. Andrew Bailey
ECA Risk Management – Carolina First and Mercantile Bank
2100 South Bridge Parkway, Suite 650
Birmingham, Alabama 35209

Subject: **Phase II Limited Site Investigation**
Antioch Food Mart
2940 Highway 18
Morganton, North Carolina 28655
AEI Project No. 287226
Client ID No. ECA20090217 – Beatrice K. & Jimmy A. Rector

Dear Mr. Bailey:

AEI Consultants (AEI) is pleased to provide you with the following report which describes the activities and results of the Phase II Limited Site Investigation (LSI) performed at the above referenced property (Figure 1: Site Location Map).

This investigation was completed in accordance with our signed proposal (AEI Proposal No. 26612) dated January 21, 2010 which proposed the collection and analysis of soil and groundwater samples from a total of five (5) soil borings / temporary groundwater monitoring wells and one potable water well at the subject property.

Please refer to Figure 2: Boring Location Map for a representation of the soil boring / temporary groundwater monitoring well locations.

I Site Description

The subject property is located on the western corner of the intersection of Antioch Road and NC 18 US 64 in a rural and agricultural area of Burke County. The 7.66-acre subject property is improved with a one-story over basement convenience store and maintenance shop (2940 NC 18 US 64), a one story over basement residence (2954 NC 18 US 64), 12 mobile homes, nine RV pads and one UST system complete with three USTs and one dispenser island. Permanent structures on the property total 5,951 heated square feet or 8,171 total square feet under roof.

II Previous Investigations

AEI prepared a Phase I Environmental Site Assessment (ESA) for the subject property in January of 2010 (AEI Project Number 286598), which identified the following environmental concerns:

- The subject property includes a service station currently known as Antioch Food Mart. Service station activities have been completed at the subject property since the 1960s which have been identified to include the use of bulk petroleum storage within USTs, solvents, hydraulic lifts and a septic tank. In addition to these operations, the subject property's mobile homes and RV pads reportedly obtain potable water from an on-site drinking water well. Details regarding this potable well, including any site specific testing, were not available during the assessment. Based on the nature and duration of time that these operations have occurred on-site coupled with the use of the water well for potable service, the Antioch Food Mart service station is considered to be a REC.

Based on this information, AEI recommended that additional investigation, including soil and groundwater sampling, be performed to verify the current site conditions. The proposed scope of work included:

- AEI will access the potable water well from the closest withdrawal point. The well will be purged for 10 to 30 minutes and a grab water sample will be collected from this withdrawal point.
- Five (5) soil borings will be advanced up to 35 feet below grade surface, to groundwater or to refusal (whichever is encountered first) with direct push technologies (Geoprobe®). The direct push drill rig will be equipped with auger capabilities in the event that shallow refusal is encountered. However if shallow groundwater is encountered and auger drilling is required, then the number of borings will be reduced to three (3) total borings. Of the five direct push borings, three soil borings will be advanced in the vicinity of the existing tankhold and dispenser island and two borings will be advanced in the vicinity of the septic tank system.
- One soil sample will be collected from each boring during the investigation, submitted to the laboratory and placed on hold pending our discussions with the client about the PID readings/olfactory evidence identified while completing the field activities. Select soil samples will be analyzed with the client's written authorization for additional costs as outlined in this proposal.
- Each of the soil borings will be converted into temporary groundwater sampling points by using a stainless steel machine slotted temporary sampling point to facilitate the collection of groundwater samples for analysis.
- Analyze up to six groundwater samples (one from each borehole and one from the potable water well) for volatile organic compounds (VOCs) by EPA Method 8260 and polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270. As previously identified, soil analysis may be performed at additional costs upon discussions with the client.

- Prepare a written report detailing the investigation activities and the analytical results.

III Investigative Efforts

AEI contacted North Carolina One Call Center to identify public utilities in the work area 72 hours prior to conducting field activities.

Drilling and Soil Sample Collection

AEI subcontracted with Probing Technology who utilized a limited access, track mounted direct-push drill rig (Geoprobe®). AEI advanced five (5) exterior soil borings which were converted into temporary groundwater monitoring wells at the subject property on February 17, 2010.

Boring B1 was advanced in to the adjacent east of the dispenser islands. Borings B2 and B3 were advanced in close proximity and in the apparent down gradient position of the USTs and dispenser islands. Borings B4 and B5 were advanced in the vicinity of the septic tank.

Generally, the soil borings were advanced to depths of 20 to 35 feet and temporary groundwater monitoring wells constructed of PVC piping were advanced to depths of 24 to 40 feet, approximately five feet below the identified groundwater table. The soil borings were advanced in locations as close to the on-site environmental concerns as possible with available equipment. Soil samples were collected at five foot intervals in all five borings and continuously logged for lithology and screened for obvious signs of impact.

Soils encountered were noted to consist of red brown silt clay to yellow brown silt clay to yellow brown silt clay with saprolite to 35 feet. In borings B1 through B5, groundwater was encountered at depths ranging from 20 to 35 feet bgs. Boring Logs are presented in Attachment A, which provides details on the soils observed, PID reading, submitted soil samples and other pertinent field notes.

During boring advancement, AEI identified a slight odor in two of the soil borings, B2 and B3. Elevated photo- ionization detector (PID) readings were not detected. Soils exhibiting the deepest non-saturated soil materials located above the groundwater table were collected and submitted to the laboratory and placed on hold from each of the boring locations.

Collected soil samples were containerized in laboratory supplied bottleware, labeled with a unique identifier, and immediately placed on ice and cooled in an ice chest to 4°C for shipment under chain of custody to the laboratory.

Please refer to Figure 2: Boring Location Map for boring locations.

Groundwater Sample Collection

As previously discussed, groundwater was encountered in each boring (B1 through B5) at depths ranging from 20 to 35 feet bgs. Upon completion of the soil boring activities, each boring location was converted into a temporary groundwater monitoring well by installing up to 10 feet of machine slotted PVC piping with riser pipe to grade surface. Groundwater samples were collected using a check value and associated dedicated tubing.

AEI was able to access the potable water well. In accordance with our scope, the well was purged for 30 minutes prior to the collect of a water sample, DW-1.

Groundwater/water samples from each boring and the potable water well were submitted to the laboratory for analysis. Due to the well screen becoming clogged, the groundwater sample was limited to a VOC sample and no PAH sample was collected during field activities. Samples were placed into laboratory supplied bottleware, capped such that there was no head space or visible air bubbles within the vials, labeled with a unique identifier, and immediately placed on ice and cooled in an ice chest to 4°C for shipment under chain of custody to the laboratory.

Subsequent to the sampling activities, the borings were backfilled with bentonite and concrete and capped with similar surface materials.

Laboratory Analysis

Collected soil samples (B1: 25′, B2: 25′, B3: 25′, B4: 20′ and B5: 15′) and groundwater samples (B1, B2, B3, B4, B5 and DW-1) were transported on February 18, 2010, to Xenco Laboratories in Atlanta, Georgia for analysis under chain of custody protocol. Analytical results and chain of custody documents are included as Attachment C.

In accordance with our proposal, soil and groundwater samples were submitted for laboratory analysis for VOCs by EPA Method 8260 and PAHs by EPA Method 8270.

IV Findings

UST regulations

North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management (DWM) Underground Storage Tank (UST) Program maintains specific standards for petroleum constituents released from a UST system to soil, known as Maximum Soil Contaminant Concentration Levels (MSCCs). MSCCs are listed in for Soil-to-Groundwater MSCC, Residential MSCC, and Industrial/Commercial MSCC. AEI utilized Soil-to-Groundwater MSCC for comparison with this assessment. Currently, the DWM utilizes NCDENR Groundwater Quality Standards (GWQSs) as their current groundwater standards.

Soil Sample Analytical Results

The following information is a summary of the soil sample analytical test results. This information has also been included in Table 1: Soil Sample Results Summary. Laboratory provided analytical documentation has been included in Appendix B.

VOCs:
According to the laboratory reports, several constituents were identified in soil samples collected from B1: 25': including concentrations of acetone at 0.022 milligrams per kilogram (mg/Kg), benzene at 0.0018 mg/Kg, methyl tert-butyl ether (MTBE) at 0.0033 mg/Kg, toluene at 0.0066 mg/Kg, and total xylenes at 0.0021 mg/Kg.

Several constituents were identified in soil samples collected from B2: 25': including concentrations of 1,2,4-trimethylbenzene at 0.0016 mg/Kg, 2-butanone (MEK) at 0.47 mg/Kg, 2-hexanone at 0.18 mg/Kg, 4-methyl-2-pentanone (MIBK) at 0.04 mg/Kg, acetone at 0.65 mg/Kg, benzene at 0.029 mg/Kg, ethylbenzene at 0.0023 mg/Kg, isopropyl ether at 0.00307 mg/Kg, toluene at 0.031 mg/Kg, and total xylenes at 0.0165 mg/Kg.

Several constituents were identified in soil samples collected from B3: 25': including concentrations of MEK at 0.31 mg/Kg, 2-hexanone at 0.0061 mg/Kg, MIBK at 0.0099 mg/Kg, acetone at 0.018 mg/Kg, and isopropyl ether at 0.00558 mg/Kg.

One constituent was identified in soil samples collected from B4: 20', concentration of acetone at 0.024 mg/Kg.

One constituent was identified in soil samples collected from B4: 20', concentration of acetone at 0.014 mg/Kg.

Based on a review of the laboratory reports and the associated DWM MSCCs, it appears that these constituents were identified to be below their current MSCCs, if a standard exists as referenced in our tables.

PAHs:
According to the laboratory report, one petroleum constituent was identified in soil samples collected from B4: 20': concentrations of 2-methylnaphthalene at 0.0184 mg/Kg.

PAHs were not detected above the laboratory reporting limits in the soil samples collected from B1: 25', B2: 25', B3: 25' or B5: 15'.

Groundwater Sample Analytical Results

The following information is a summary of the groundwater sample analytical test results. This information has also been included in Table 2: Groundwater Sample Results Summary. Laboratory provided analytical documentation has been included in Appendix B.

VOCs:
VOCs were not detected above the laboratory reporting limits in the groundwater samples collected from B1.

According to the laboratory report, several VOC constituents were identified in the groundwater samples collected from B2 including: 1,2,4-trimethylbenzene at 159 micrograms per liter (µg/L), 1,3,5-trimethylbenzene at 41.5 µg/L, 2-hexanone at 31 µg/L, acetone at 506 µg/L, benzene at 1990 µg/L, diisopropyl ether (isopropyl ether) at 17.8 µg/L, ethylbenzene at 154 µg/L, isopropyl ether at 19.9 µg/L, MTBE at 250 µg/L, naphthalene at 89.6 µg/L, n-propylbenzene at 30.7 µg/L, p-cymene at 7.92 µg/L, sec-butylbenzene at 10.5 µg/L, toluene at 2040 µg/L, and total xylenes at 706 µg/L.

Several constituents were identified in the groundwater samples collected from B3 including: 1,2,4-trimethylbenzene at 1.32 µg/L, 1,3,5-trimethylbenzene at 0.99 µg/L, MIBK at 14.6 µg/L, acetone at 34 µg/L, benzene at 2.74 µg/L, diisopropyl ether at 411 µg/L, naphthalene at 1.13 µg/L, toluene at 1.7 µg/L, and total xylenes at 14.42 µg/L.

One constituent was identified in the groundwater samples collected from B4, concentration of toluene at 0.46 µg/L.

One constituent was identified in the groundwater samples collected from B5, concentration of acetone at 19.4 µg/L.

One constituent was identified in the groundwater samples collected from DW-1, concentration of diisopropyl ether (isopropyl ether) at 1.43 µg/L.

Based on a review of the laboratory reports and the associated NCDENR GWQSs, the benzene concentrations from B2 and B3 (ranging from 2.74 µg/L and 1,990 µg/L) were identified to be well above its current GWQS of 1 µg/L. diisopropyl ether (isopropyl ether) concentration in B3 (411 µg/L) was identified to be well above its current GWQS of 70 µg/L. MTBE concentration in B2 (250 µg/L) was identified to be well above its current GWQS of 20 µg/L. Naphthalene concentration in B2 (89.6 µg/L) was identified to be well above its current GWQS of 6 µg/L. Toluene concentration in B2 (2,040 µg/L) was identified to be well above its current GWQS of 600 µg/L. Total xylenes concentration in B2 (706 µg/L) were identified to be well above its current GWQS of 500 µg/L.

The additional petroleum constituents identified in the groundwater samples from B2 through B5 including 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene, 2-hexanone, acetone diisopropyl ether (isopropyl ether), ethylbenzene, isopropybenzene, naphthalene, n-propylbenzene concentration, p-cymene, sec-butylbenzene, toluene and total xylenes were identified at concentrations below their current established GWQSs. NCDENR does not currently have GWQSs for, 4-methyl-2-pentanone, and p-cymene.

PAHs:
PAHs were not detected above the laboratory reporting limits in the groundwater samples collected from B1 or DW-1.

According to the laboratory report, several petroleum constituents were identified in the groundwater samples collected from B2, including concentrations of 1-methylnaphthalene at 172 µg/L, 2-methylnaphthalene at 259 µg/L, acenaphthene at 16 µg/L, chrysene at 0.63 µg/L, fluorene at 38.1 µg/L, naphthalene at 116 µg/L, phenanthrene at 37.6 µg/L, and pyrene at 10.8 µg/L.

Petroleum related constituents identified in the groundwater samples collected from B3 were identified to include: 1-methylnaphthalene at 0.4 µg/L, 2-methylnaphthalene at 0.8 µg/L, fluorene at 0.32 µg/L, and naphthalene at 1.67 µg/L.

Two petroleum related constituents were identified in the groundwater samples collected from B4 including: 2-methylnaphthalene at 0.38 µg/L and phenanthrene at 0.31 µg/L.

Based on a review of the laboratory reports and the associated NCDENR GWQSs, the concentrations from B2 of 2-methylnaphthalene (259 µg/L) and Naphthalene (116 µg/L) were identified to be well above theirs current GWQSs of 30 µg/L and 6 µg/L, respectively.

The remaining petroleum related consistuents including 2-methylnaphthalene, acenaphthene, chrysene, fluorene, naphthalene, phenanthrene and pyrene were not identified at concentrations above their current established GWQSs. NCDENR does not currently have a GWQS for 1-methylnaphthalene.

V Summary and Conclusions

AEI has completed a LSI at the subject property to identify the potential for associated contamination in site soil and groundwater associated with the existing gasoline station dispenser islands, USTs, septic tank and field and potable water well. AEI advanced five soil borings / temporary groundwater monitoring wells and sampled one potable water well at the subject property as part of our investigation.

Based on the results of the soil and groundwater sampling, it appears that the subject property has been impacted by releases from the on-site gasoline service station. Petroleum constituents in excess of their applicable standards were identified in site groundwater from B2 and B3. Borings B2 and B3 were advanced in close proximity and in the apparent down gradient position of the USTs and dispenser islands.

Currently the subject property does maintain an on-site drinking water well which services mobile homes located on the subject property. Water samples collected from this water well did exhibit one petroleum related constituent, isopropyl ether, an oxygenate gasoline additive. The identified concentration of 1.43 µg/L is below its current GWQS of 70 µg/L; however, it should be noted that the isopropyl ether concentration identified in B2, located directly up gradient and adjacent to the USTs, was identified at concentrations of 411 µg/L and in excess of its GWQS of 70 µg/L. The source of this constituent is believed to be from the on-site USTs.

Although some petroleum related impact was identified in soil and/or groundwater collected from B1 (down gradient of the dispenser islands) and B4 and B5 (in close proximity of the septic tank and leachfield), the identified concentrations appear to be below current regulatory standards.

According to information obtained from NCDENR, petroleum UST releases are subject to a risk-based corrective action under NCDENR rules 15A NCAC 2L .4000. Once a release had been discovered the owner, operators of the USTs or the landowners if seeking reimbursement from the state trust fund (collectively referred to as the "Responsible Party") are required to prevent any further release, identify any hazards, and notify the DWM Underground Storage Tank program within 24 hours of discovery of a confirmed release. A confirmed release is reported by submitting a 24-hour Release and UST Leaking Reporting Form. Following the NCDENR rules 15A NCAC 2N.0703, the Responsible Party must submit a progress report to DWM Underground Storage Tank program in 20 days. Further investigations would likely be required by NCDENR including a receptor survey to determine the groundwater "risk" classification, and drilling additional soil borings which would be converted into permanent groundwater monitoring wells.

AEI recommends that the Responsible Party take the proper steps required by the NCDENR's Underground Storage Tank program. AEI recommends that the uses of the potable water well be discontinued and the well be closed in accordance with applicable rules and/or regulations. AEI also recommend further subsurface assessments to comply with DWM Underground Storage Tank program rules and regulations.

VI Report Limitation and Reliance

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

This investigation was prepared for the sole use and benefit of Carolina First and Mercantile Bank. Neither this report, nor any of the information contained herein shall be used or relied upon for any purpose by any person or entity other than Carolina First and Mercantile Bank.

If there are any questions regarding our investigation, please do not hesitate to contact either of the undersigned at (678) 279-2820.

Sincerely,
AEI Consultants

Michael Meares
Field Geologist

Nathan Burnside
Senior Author

Figures
Figure 1: Site Location Map
Figure 2: Boring Location Map

Tables
Table 1: Soil Sample Results Summary
Table 2: Groundwater Sample Results Summary

Appendices
Attachment A: Boring Logs
Attachment B: Sample Analytical Documentation

FIGURES

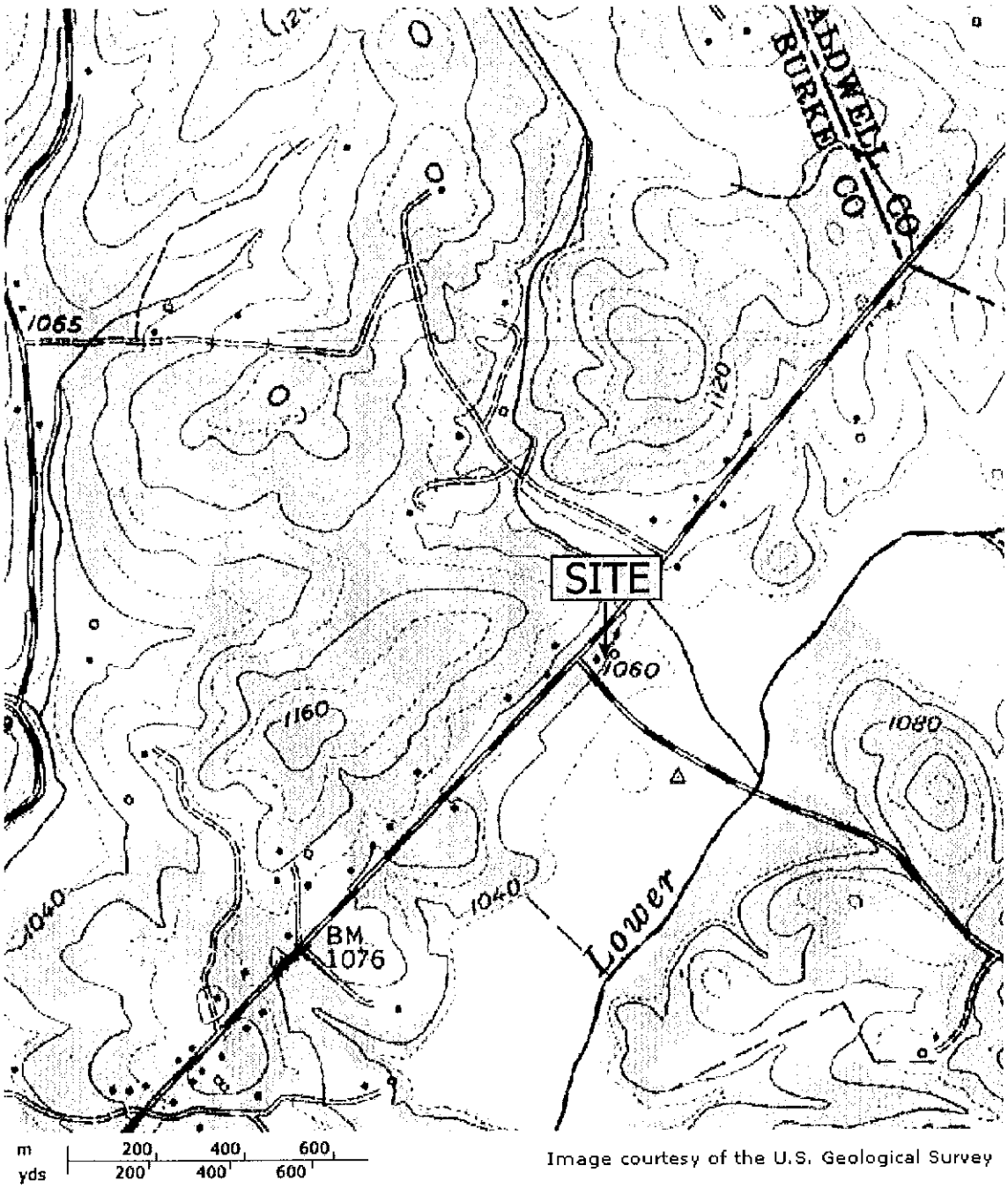

Image courtesy of the U.S. Geological Survey

N

USGS TOPOGRAPHIC MAP
MORGANTON NORTH QUADRANGLE
Created 1986, Revised 1996

SITE LOCATION MAP

2940 Highway 18
Morganton, North Carolina 28655

FIGURE 1
Job No: 287226

AEI

LEGEND

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SUBJECT PROPERTY LINE

MONITORING WELL

DRINKING WATER WELL

Boring Location Map

2940 Highway 18
Morganton, North Carolina 28655

FIGURE 2

Job No: 287226

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TABLES

Table 1:
Soil Sample Analytical Data
2940 Highway 18 in Morganton, North Carolina
AEI Project# 287226

Sample ID	Date	VOCs												PAHs	
		1,2,4-Trimethylbenzene mg/Kg	2-Butanone (MEK) mg/Kg	2-Hexanone mg/Kg	4-Methyl-2-pentanone (MIBK) mg/Kg	Acetone mg/Kg	Benzene mg/Kg	Ethylbenzene mg/Kg	Isopropyl Ether mg/Kg	Methyl tert-butyl ether (MTBE) mg/Kg	Toluene mg/Kg	Xylenes, Total mg/Kg	Remining VOCs mg/Kg	2-Methylnaphthalene mg/Kg	Remining PAHs mg/Kg
B1: 25'	2/17/2010	ND	ND	ND	ND	0.022	0.0018	ND	ND	0.0033	0.0066	0.00206	ND	ND	ND
	MSCCs	*8.5*	*16*	*1.9*	*NS*	*24*	*0.0056*	*4.9*	*0.37*	*0.091*	*4.3*	*4.6*	*NS*	*3.6*	*NS*
B2: 25'	2/17/2010	0.0016	0.47	0.18	0.04	0.65	0.029	0.0023	0.00307	ND	0.031	0.0165	ND	ND	ND
	MSCCs	*8.5*	*16*	*1.9*	*NS*	*24*	*0.0056*	*4.9*	*0.37*	*0.091*	*4.3*	*4.6*	*NS*	*3.6*	*NS*
B3: 25'	2/17/2010	ND	0.031	0.0061	0.0099	0.018	ND	ND	0.00558	ND	ND	ND	ND	ND	ND
	MSCCs	*8.5*	*16*	*1.9*	*NS*	*24*	*0.0056*	*4.9*	*0.37*	*0.091*	*4.3*	*4.6*	*NS*	*3.6*	*NS*
B4: 20'	2/17/2010	ND	ND	ND	ND	0.024	ND	ND	ND	ND	ND	ND	ND	0.0184	ND
	MSCCs	*8.5*	*16*	*1.9*	*NS*	*24*	*0.0056*	*4.9*	*0.37*	*0.091*	*4.3*	*4.6*	*NS*	*3.6*	*NS*
B5: 15'	2/17/2010	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MSCCs	*8.5*	*16*	*1.9*	*NS*	*24*	*0.0056*	*4.9*	*0.37*	*0.091*	*4.3*	*4.6*	*NS*	*3.6*	*NS*

Notes:

VOC - Volatile Organic Compounds by EPA Method 8260

PAH - Polynuclear Aromatic Hydrocarbons by EPA Method 8270

ND = Not detected at or above the indicated labortory detection limit

NA = Not analyzed

NS = No standard

NAS = Not an applicable standard

mg/Kg = milligrams per kilogram (ppm)

µg/Kg = micrograms per kilogram (ppb)

MSCCs = Maximum Soil Contaminant Concentration Levels - Soil to Groundwater Column set by North Carolina Department of Environment and Natural Resources - Divison of Waste Management - Dated January 2010

Bold denotes that identified concentration exceeds the applicable established regulatory standard

Table 2:
Groundwater Sample Analytical Data
2940 Highway 18 in Morganton, North Carolina
AEI Project# 287226

Sample ID	Date	VOC																
		1,2,4-Trimethylbenzene µg/L	1,3,5-Trimethylbenzene µg/L	2-Hexanone µg/L	4-Methyl-2-Pentanone (MIBK) µg/L	Acetone µg/L	Benzene µg/L	Diisopropyl Ether (Isopropyl Ether) µg/L	Ethylbenzene µg/L	Isopropybenzene µg/L	Methyl tert-butyl ether (MTBE) µg/L	Naphthalene µg/L	N-Propylbenzene µg/L	P-Cymene µg/L	Sec-Butylbenzene µg/L	Toluene µg/L	Xylenes, Total µg/L	Remining VOCs µg/L
B1	2/17/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*
B2	2/17/2010	159	41.5	31	ND	506	**1990**	17.8	154	19.9	**250**	**89.6**	30.7	7.92	10.5	**2040**	**706**	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*
B3	2/17/2010	1.32	0.99	ND	14.6	34	**2.74**	**411**	ND	ND	ND	1.13	ND	ND	ND	1.7	14.42	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*
B4	2/17/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46	ND	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*
B5	2/17/2010	ND	ND	ND	ND	19.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*
DW-1	2/17/2010	ND	ND	ND	ND	ND	ND	1.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GWQSs	*400*	*400*	*280*	*NS*	*6000*	*1*	*70*	*600*	*70*	*20*	*6*	*70*	*NS*	*70*	*600*	*500*	*NS*

Sample ID	Date	PAH								
		1-Methylnaphthalene µg/L	2-Methylnaphthalene µg/L	Acenaphthene µg/L	Chrysene µg/L	Fluorene µg/L	Naphthalene µg/L	Phenanthrene µg/L	Pyrene µg/L	Remining PAHs µg/L
B1	2/17/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*
B2	2/17/2010	172	**259**	16	0.63	38.1	**116**	37.6	10.8	ND
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*
B3	2/17/2010	0.4	0.8	ND	ND	0.32	1.67	ND	ND	ND
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*
B4	2/17/2010	ND	0.38	ND	ND	ND	ND	0.31	ND	ND
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*
B5	2/17/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*
DW-1	2/17/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GWQSs	*NS*	*30*	*80*	*5*	*300*	*6*	*200*	*200*	*NS*

Notes:
VOC - Volatile Organic Compounds by EPA Method 8260
PAH - Polynuclear Aromatic Hydrocarbons by EPA Method 8270
ND = Not detected at or above the indicated labortory detection limit
NA = Not analyzed
NS = No standard available
mg/L = milligrams per liter (ppm)
µg/L = micrograms per liter (ppb)
GWQSs = Groundwater Quality Standards set by North Carolina Department of Environment and Natural Resources - Divison of Water Quality - 15A NCAC 2L .0202 - Dated January 1, 2010
Bold denotes that identified concentration exceeds the applicable established regulatory standard

ATTACHMENT A

SOIL BORING LOGS

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

RECORD OF SUBSURFACE EXPLORATION

Client: Carolina First and Mercantile Bank
Soil Boring / Well Number: B1
Project Name: 2940 Highway 18 - Antioch Food Mart
Project #: 287226
Project Location: Morganton, North Carolina
Drawn By: M. Meares
Project Manager: Michael Meares

DRILLING & SAMPLING INFORMAITON

Date Started: February 17, 2010
Hammer Wt.
Date Completed: February 17, 2010
Hammer Drop:
Drilling Company: Probe techology
Sampler OD:
Driller: Arlen Burney
Bore Hole Dia: 2.5"
Geologist: Michael Meares
Boring Method: Direct Push

Monitor Well Detail	SOIL CLASSIFICATION SURFACE ELEVATION:	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	BORING AND SAMPLING NOTES
	6 inches of asphalt								
	Red brown silt with some sand					40		0	
			5						
	Red brown silt		10			100		0.1	
			15			100		0	
	Red brown silt clay with black, white and yellow saprolite		20			100		0	
	Milky quartz fragments		25			90		0.2	Soil sample collect
	Yellow brown silt clay with black and white saprolite		30			100			moist
			35			100	▽		very moist
	Boring terminated at 40 feet		40						No soil collected. Boring was advanced to 40' and a PVC well was installed

SAMPLER TYPE
CB - FIVE FOOT CORE BARREL
SS - DRIVEN SPLIT SPOON
ST - PRESSED SHELBY TUBE

GROUNDWATER DEPTH
▽ AT COMPLETION
▼ AT WELL STABILIZATION

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
GP - GEOPROBE

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

RECORD OF SUBSURFACE EXPLORATION

Client: Carolina First and Mercantile Bank
Project Name: 2940 Highway 18 - Antioch Food Mart
Project Location: Morganton, North Carolina
Project Manager: Michael Meares

Soil Boring / Well Number: B2
Project #: 287226
Drawn By: M. Meares

DRILLING & SAMPLING INFORMAITON

Date Started: February 17, 2010
Date Completed: February 17, 2010
Drilling Company: Probe techology
Driller: Arlen Burney
Geologist: Michael Meares
Boring Method: Direct Push

Hammer Wt.
Hammer Drop:
Sampler OD:
Bore Hole Dia: 2.5"

Monitor Well Detail	SOIL CLASSIFICATION SURFACE ELEVATION:	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	BORING AND SAMPLING NOTES
	6 inches of asphalt								
	Red brown silt clay		5			40		0	
	Rock fragments								
	Red brown silt clay		10			70		0	
	Red brown silt clay with mica		15			100		0.1	
	Yellow brown silt clay with black saprolite		20			100		0.8	Slight odor
	Yellow brown silt clay with black and white saprolite		25			100		9.8	Slight odor, Soil sample collect
	Yellow silty sand		30			90		4.7	Slight odor
	Yellow to red brown silty clay with rock fragments						▽		moist
	Brown silty clay		35			90			very moist
	Boring terminated at 40 feet		40						No soil collected. Boring was advanced to 40' and a PVC well was installed

SAMPLER TYPE
CB - FIVE FOOT CORE BARREL
SS - DRIVEN SPLIT SPOON
ST - PRESSED SHELBY TUBE

GROUNDWATER DEPTH
▽ AT COMPLETION
▽ AT WELL STABILIZATION

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
GP - GEOPROBE

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

RECORD OF SUBSURFACE EXPLORATION

Client: Carolina First and Mercantile Bank
Project Name: 2940 Highway 18 - Antioch Food Mart
Project Location: Morganton, North Carolina
Project Manager: Michael Meares

Soil Boring / Well Number: B3
Project #: 287226
Drawn By: M. Meares

DRILLING & SAMPLING INFORMAITON

Date Started: February 17, 2010
Date Completed: February 17, 2010
Drilling Company: Probe techology
Driller: Arlen Burney
Geologist: Michael Meares
Boring Method: Direct Push

Hammer Wt.
Hammer Drop:
Sampler OD:
Bore Hole Dia: 2.5"

Monitor Well Detail	SOIL CLASSIFICATION SURFACE ELEVATION:	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	BORING AND SAMPLING NOTES
	6 inches of asphalt								
	Red brown silt clay		5			75		0.4	
	Rock fragment								
	Dark red brown clay		10			75		0	
			15			100		0	
	Brown clay		20			100		0	
	Yellow brown silt		25			100		0	Slight odor, Soil sample collect
	Pink and brown silt with saprolite		30			75			Lighty moist, Slight odor
	Yellow to pink silt with saprolite		35			100	▽		Moist
	Boring terminated at 40 feet		40						No soil collected. Boring was advanced to 40' and a PVC well was installed

SAMPLER TYPE
CB - FIVE FOOT CORE BARREL
SS - DRIVEN SPLIT SPOON
ST - PRESSED SHELBY TUBE

GROUNDWATER DEPTH
▽ AT COMPLETION
▼ AT WELL STABILIZATION

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
GP - GEOPROBE

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

RECORD OF SUBSURFACE EXPLORATION

Client: Carolina First and Mercantile Bank
Soil Boring / Well Number: B4
Project Name: 2940 Highway 18 - Antioch Food Mart
5
Project Location: Morganton, North Carolina
Drawn By: M. Meares
Project Manager: Michael Meares

DRILLING & SAMPLING INFORMAITON

Date Started: February 17, 2010
Hammer Wt.
Date Completed: February 17, 2010
Hammer Drop:
Drilling Company: Probe techology
Sampler OD:
Driller: Arlen Burney
Bore Hole Dia: 2.5"
Geologist: Michael Meares
Boring Method: Direct Push

Monitor Well Detail	SOIL CLASSIFICATION SURFACE ELEVATION:	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	BORING AND SAMPLING NOTES
	1inch of grass and roots								
	Red brown silt clay								
	Gravel					40		0.4	
	Red brown silt clay		5						
	Light brown silt clay					100		1.1	
	Red brown clay		10						
			15			100		0.9	
			20			100		0.5	Soil sample collect
	Yellow brown clay								
			25			90	▽	0.2	moist
			30						
	Boring terminated at 34 feet		35						No soil collected. Boring was advanced to 40' and a PVC well was installed
			40						

SAMPLER TYPE
CB - FIVE FOOT CORE BARREL
SS - DRIVEN SPLIT SPOON
ST - PRESSED SHELBY TUBE

GROUNDWATER DEPTH
▽ AT COMPLETION
▼ AT WELL STABILIZATION

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
GP - GEOPROBE

AEI CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

RECORD OF SUBSURFACE EXPLORATION

Client: Carolina First and Mercantile Bank
Soil Boring / Well Number: B5
Project Name: 2940 Highway 18 - Antioch Food Mart
Project #: 287226
Project Location: Morganton, North Carolina
Drawn By: M. Meares
Project Manager: Michael Meares

DRILLING & SAMPLING INFORMAITON

Date Started: February 17, 2010
Hammer Wt.
Date Completed: February 17, 2010
Hammer Drop:
Drilling Company: Probe techology
Sampler OD:
Driller: Arlen Burney
Bore Hole Dia: 2.5"
Geologist: Michael Meares
Boring Method: Direct Push

Monitor Well Detail	SOIL CLASSIFICATION SURFACE ELEVATION:	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	BORING AND SAMPLING NOTES
	1inch of grass and roots								
	Red brown silty clay		5			80		1.1	
			10			100		1.5	
	Yellow and white silty clay								
			15			100		2.7	Soil sample collect little moist
			20				▽		
	Boring terminated at 24 feet		25						No soil collected. Boring was advanced to 24' and a PVC well was installed
			30						
			35						
			40						

SAMPLER TYPE
CB - FIVE FOOT CORE BARREL
SS - DRIVEN SPLIT SPOON
ST - PRESSED SHELBY TUBE

GROUNDWATER DEPTH
▽ AT COMPLETION
▼ AT WELL STABILIZATION

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
GP - GEOPROBE

ATTACHMENT B

ANALYTICAL DOCUMENTATION

Analytical Report 362690

for

AEI Consultants

Project Manager: Michael Meares

Antioch Food Mart - Morganton

287226

03-MAR-10

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

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), 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)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

03-MAR-10

Project Manager: **Michael Meares**
AEI Consultants
6065 Roswell Road, Suite 940
Atlanta, GA 30328

Reference: XENCO Report No: **362690**
Antioch Food Mart - Morganton
Project Address: North Carolina

Michael Meares:

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 362690. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 362690 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,

Dijana Piljak

Dijana Piljak
Project Manager

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 - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
B1:25	S	Feb-17-10 11:00	25 ft	362690-001
B2:25	S	Feb-17-10 12:10	25 ft	362690-002
B3:25	S	Feb-17-10 14:00	25 ft	362690-003
B4:20	S	Feb-17-10 15:15	20 ft	362690-004
B5:15	S	Feb-17-10 16:00	15 ft	362690-005
B1	W	Feb-17-10 11:15	40 ft	362690-006
B2	W	Feb-17-10 12:35	40 ft	362690-007
B3	W	Feb-17-10 14:35	40 ft	362690-008
B4	W	Feb-17-10 15:35	34 ft	362690-009
B5	W	Feb-17-10 16:05	24 ft	362690-010
DW-1	W	Feb-17-10 11:35		362690-011

CASE NARRATIVE SUMMARY

XENCO Laboratories
Florida Testing Services, LLC

Client Name: *AEI Consultants*
Project Name: *North Carolina UST Sites*

Project ID: *287226*
Work Order Number: *362690*

Report Date: *03-MAR-10*
Date Received: *18-FEB-10*

Project Manager Notations:

1) The extraction procedure for the PAHs by SW-846 8270D (water samples) was performed by Xenco - Atlanta, GA, but the analysis by GC/MS was performed by Xenco - Boca Raton, FL, laboratory due to GC/MS instrument maintenance issues in the Xenco Atlanta laboratory.

Dijana Piljak

Dijana Piljak
Project Manager

XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B1:25**	Matrix: **Soil**	% Moisture: **29.98**
Lab Sample Id: **362690-001**	Date Collected: **Feb-17-10 11:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118

Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	47.5	15.7	ug/kg	02/27/10 21:43	U	1
2-Methylnaphthalene	91-57-6	U	47.5	19.1	ug/kg	02/27/10 21:43	U	1
Acenaphthene	83-32-9	U	47.5	18.7	ug/kg	02/27/10 21:43	U	1
Acenaphthylene	208-96-8	U	47.5	15.8	ug/kg	02/27/10 21:43	U	1
Anthracene	120-12-7	U	47.5	12.5	ug/kg	02/27/10 21:43	U	1
Benzo(a)anthracene	56-55-3	U	47.5	13.3	ug/kg	02/27/10 21:43	U	1
Benzo(a)pyrene	50-32-8	U	47.5	22.5	ug/kg	02/27/10 21:43	U	1
Benzo(b)fluoranthene	205-99-2	U	47.5	21.3	ug/kg	02/27/10 21:43	U	1
Benzo(g,h,i)perylene	191-24-2	U	47.5	22.1	ug/kg	02/27/10 21:43	U	1
Benzo(k)fluoranthene	207-08-9	U	47.5	16.3	ug/kg	02/27/10 21:43	U	1
Chrysene	218-01-9	U	47.5	11.3	ug/kg	02/27/10 21:43	U	1
Dibenz(a,h)anthracene	53-70-3	U	47.5	21.1	ug/kg	02/27/10 21:43	U	1
Fluoranthene	206-44-0	U	47.5	14.1	ug/kg	02/27/10 21:43	U	1
Fluorene	86-73-7	U	47.5	15.2	ug/kg	02/27/10 21:43	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	47.5	23.0	ug/kg	02/27/10 21:43	U	1
Naphthalene	91-20-3	U	47.5	16.3	ug/kg	02/27/10 21:43	U	1
Phenanthrene	85-01-8	U	47.5	9.51	ug/kg	02/27/10 21:43	U	1
Pyrene	129-00-0	U	47.5	15.1	ug/kg	02/27/10 21:43	U	1

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B1:25**	Matrix: **Soil**	% Moisture: **29.98**
Lab Sample Id: **362690-001**	Date Collected: **Feb-17-10 11:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124
Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	4.6	0.69	ug/kg	02/22/10 10:55	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	4.6	1.1	ug/kg	02/22/10 10:55	U	1
1,1,2-Trichloroethane	79-00-5	U	4.6	0.61	ug/kg	02/22/10 10:55	U	1
1,1-Dichloroethane	75-34-3	U	4.6	0.73	ug/kg	02/22/10 10:55	U	1
1,1-Dichloroethene	75-35-4	U	4.6	1.1	ug/kg	02/22/10 10:55	U	1
1,1-Dichloropropene	563-58-6	U	4.6	0.49	ug/kg	02/22/10 10:55	U	1
1,2,3-Trichlorobenzene	87-61-6	U	4.6	0.52	ug/kg	02/22/10 10:55	U	1
1,2,3-Trichloropropane	96-18-4	U	4.6	1.5	ug/kg	02/22/10 10:55	U	1
1,2,4-Trichlorobenzene	120-82-1	U	4.6	0.80	ug/kg	02/22/10 10:55	U	1
1,2,4-Trimethylbenzene	95-63-6	U	4.6	0.66	ug/kg	02/22/10 10:55	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	4.6	0.79	ug/kg	02/22/10 10:55	U	1
1,2-Dichlorobenzene	95-50-1	U	4.6	1.2	ug/kg	02/22/10 10:55	U	1
1,2-Dichloroethane	107-06-2	U	4.6	0.54	ug/kg	02/22/10 10:55	U	1
1,2-Dichloropropane	78-87-5	U	4.6	0.85	ug/kg	02/22/10 10:55	U	1
1,3,5-Trimethylbenzene	108-67-8	U	4.6	0.74	ug/kg	02/22/10 10:55	U	1
1,3-Dichlorobenzene	541-73-1	U	4.6	0.91	ug/kg	02/22/10 10:55	U	1
1,3-Dichloropropane	142-28-9	U	4.6	0.63	ug/kg	02/22/10 10:55	U	1
1,4-Dichlorobenzene	106-46-7	U	4.6	0.62	ug/kg	02/22/10 10:55	U	1
2,2-Dichloropropane	594-20-7	U	4.6	0.55	ug/kg	02/22/10 10:55	U	1
2-Butanone (MEK)	78-93-3	U	46	8.3	ug/kg	02/22/10 10:55	U	1
2-Chlorotoluene	95-49-8	U	4.6	0.65	ug/kg	02/22/10 10:55	U	1
2-Hexanone	591-78-6	U	46	1.0	ug/kg	02/22/10 10:55	U	1
4-Chlorotoluene	106-43-4	U	4.6	0.50	ug/kg	02/22/10 10:55	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	46	2.9	ug/kg	02/22/10 10:55	U	1
Acetone	67-64-1	22	46	6.3	ug/kg	02/22/10 10:55	J	1
Benzene	71-43-2	1.8	4.6	0.47	ug/kg	02/22/10 10:55	J	1
Bromobenzene	108-86-1	U	4.6	0.78	ug/kg	02/22/10 10:55	U	1
Bromochloromethane	74-97-5	U	4.6	0.92	ug/kg	02/22/10 10:55	U	1
Bromodichloromethane	75-27-4	U	4.6	0.46	ug/kg	02/22/10 10:55	U	1
Bromoform	75-25-2	U	4.6	0.87	ug/kg	02/22/10 10:55	U	1
Bromomethane	74-83-9	U	4.6	2.2	ug/kg	02/22/10 10:55	U	1
Carbon tetrachloride	56-23-5	U	4.6	0.68	ug/kg	02/22/10 10:55	U	1
Chlorobenzene	108-90-7	U	9.1	0.53	ug/kg	02/22/10 10:55	U	1
Chloroethane	75-00-3	U	4.6	2.2	ug/kg	02/22/10 10:55	U	1
Chloroform	67-66-3	U	4.6	0.68	ug/kg	02/22/10 10:55	U	1
Chloromethane	74-87-3	U	4.6	2.1	ug/kg	02/22/10 10:55	U	1
cis-1,2-Dichloroethene	156-59-2	U	4.6	0.60	ug/kg	02/22/10 10:55	U	1
cis-1,3-Dichloropropene	10061-01-5	U	4.6	0.49	ug/kg	02/22/10 10:55	U	1
Chlorodibromomethane	124-48-1	U	4.6	0.91	ug/kg	02/22/10 10:55	U	1

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B1:25**	Matrix: **Soil**	% Moisture: **29.98**
Lab Sample Id: **362690-001**	Date Collected: **Feb-17-10 11:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	4.6	1.1	ug/kg	02/22/10 10:55	U	1
Ethanol	64-17-5	U	46	26	ug/kg	02/22/10 10:55	U	1
Ethylbenzene	100-41-4	U	4.6	0.52	ug/kg	02/22/10 10:55	U	1
Isopropyl Ether	108-20-3	U	45.6	1.16	ug/kg	02/22/10 10:55	U	1
Isopropylbenzene	98-82-8	U	4.6	0.69	ug/kg	02/22/10 10:55	U	1
m,p-Xylenes	179601-23-1	1.4	9.1	1.1	ug/kg	02/22/10 10:55	J	1
Methyl tert-butyl ether	1634-04-4	3.3	4.6	0.63	ug/kg	02/22/10 10:55	J	1
Methylene chloride	75-09-2	U	4.6	2.0	ug/kg	02/22/10 10:55	U	1
Naphthalene	91-20-3	U	4.6	1.2	ug/kg	02/22/10 10:55	U	1
n-Butylbenzene	104-51-8	U	4.6	0.80	ug/kg	02/22/10 10:55	U	1
n-Propylbenzene	103-65-1	U	4.6	0.71	ug/kg	02/22/10 10:55	U	1
o-Xylene	95-47-6	0.66	4.6	0.65	ug/kg	02/22/10 10:55	J	1
4-Isopropyltoluene	99-87-6	U	4.6	0.73	ug/kg	02/22/10 10:55	U	1
sec-Butylbenzene	135-98-8	U	4.6	0.60	ug/kg	02/22/10 10:55	U	1
Styrene	100-42-5	U	4.6	0.68	ug/kg	02/22/10 10:55	U	1
tert-Butylbenzene	98-06-6	U	4.6	0.76	ug/kg	02/22/10 10:55	U	1
Tetrachloroethene	127-18-4	U	4.6	0.94	ug/kg	02/22/10 10:55	U	1
Toluene	108-88-3	6.6	4.6	0.54	ug/kg	02/22/10 10:55		1
trans-1,2-Dichloroethene	156-60-5	U	4.6	0.71	ug/kg	02/22/10 10:55	U	1
trans-1,3-Dichloropropene	10061-02-6	U	4.6	0.61	ug/kg	02/22/10 10:55	U	1
Trichloroethene	79-01-6	U	4.6	0.64	ug/kg	02/22/10 10:55	U	1
Trichlorofluoromethane	75-69-4	U	4.6	3.2	ug/kg	02/22/10 10:55	U	1
Vinyl acetate	108-05-4	U	4.6	0.66	ug/kg	02/22/10 10:55	U	1
Vinyl chloride	75-01-4	U	4.6	1.8	ug/kg	02/22/10 10:55	U	1
Xylenes, Total	1330-20-7	2.06	4.6	0.65	ug/kg	02/22/10 10:55	J	1

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Antioch Food Mart - Morganton

Sample Id: **B2:25**	Matrix: **Soil**	% Moisture: **33.09**
Lab Sample Id: **362690-002**	Date Collected: **Feb-17-10 12:10**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118
Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	49.8	16.5	ug/kg	02/27/10 22:11	U	1
2-Methylnaphthalene	91-57-6	U	49.8	20.0	ug/kg	02/27/10 22:11	U	1
Acenaphthene	83-32-9	U	49.8	19.6	ug/kg	02/27/10 22:11	U	1
Acenaphthylene	208-96-8	U	49.8	16.5	ug/kg	02/27/10 22:11	U	1
Anthracene	120-12-7	U	49.8	13.1	ug/kg	02/27/10 22:11	U	1
Benzo(a)anthracene	56-55-3	U	49.8	13.9	ug/kg	02/27/10 22:11	U	1
Benzo(a)pyrene	50-32-8	U	49.8	23.6	ug/kg	02/27/10 22:11	U	1
Benzo(b)fluoranthene	205-99-2	U	49.8	22.3	ug/kg	02/27/10 22:11	U	1
Benzo(g,h,i)perylene	191-24-2	U	49.8	23.2	ug/kg	02/27/10 22:11	U	1
Benzo(k)fluoranthene	207-08-9	U	49.8	17.1	ug/kg	02/27/10 22:11	U	1
Chrysene	218-01-9	U	49.8	11.8	ug/kg	02/27/10 22:11	U	1
Dibenz(a,h)anthracene	53-70-3	U	49.8	22.1	ug/kg	02/27/10 22:11	U	1
Fluoranthene	206-44-0	U	49.8	14.8	ug/kg	02/27/10 22:11	U	1
Fluorene	86-73-7	U	49.8	15.9	ug/kg	02/27/10 22:11	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	49.8	24.1	ug/kg	02/27/10 22:11	U	1
Naphthalene	91-20-3	U	49.8	17.1	ug/kg	02/27/10 22:11	U	1
Phenanthrene	85-01-8	U	49.8	9.96	ug/kg	02/27/10 22:11	U	1
Pyrene	129-00-0	U	49.8	15.8	ug/kg	02/27/10 22:11	U	1

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Sample Id: **B2:25**	Matrix: **Soil**	% Moisture: **33.09**
Lab Sample Id: **362690-002**	Date Collected: **Feb-17-10 12:10**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	5.2	0.78	ug/kg	02/22/10 11:26	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	5.2	1.2	ug/kg	02/22/10 11:26	U	1
1,1,2-Trichloroethane	79-00-5	U	5.2	0.69	ug/kg	02/22/10 11:26	U	1
1,1-Dichloroethane	75-34-3	U	5.2	0.83	ug/kg	02/22/10 11:26	U	1
1,1-Dichloroethene	75-35-4	U	5.2	1.2	ug/kg	02/22/10 11:26	U	1
1,1-Dichloropropene	563-58-6	U	5.2	0.56	ug/kg	02/22/10 11:26	U	1
1,2,3-Trichlorobenzene	87-61-6	U	5.2	0.59	ug/kg	02/22/10 11:26	U	1
1,2,3-Trichloropropane	96-18-4	U	5.2	1.7	ug/kg	02/22/10 11:26	U	1
1,2,4-Trichlorobenzene	120-82-1	U	5.2	0.90	ug/kg	02/22/10 11:26	U	1
1,2,4-Trimethylbenzene	95-63-6	1.6	5.2	0.74	ug/kg	02/22/10 11:26	J	1
1,2-Dibromoethane (EDB)	106-93-4	U	5.2	0.89	ug/kg	02/22/10 11:26	U	1
1,2-Dichlorobenzene	95-50-1	U	5.2	1.3	ug/kg	02/22/10 11:26	U	1
1,2-Dichloroethane	107-06-2	U	5.2	0.62	ug/kg	02/22/10 11:26	U	1
1,2-Dichloropropane	78-87-5	U	5.2	0.96	ug/kg	02/22/10 11:26	U	1
1,3,5-Trimethylbenzene	108-67-8	U	5.2	0.84	ug/kg	02/22/10 11:26	U	1
1,3-Dichlorobenzene	541-73-1	U	5.2	1.0	ug/kg	02/22/10 11:26	U	1
1,3-Dichloropropane	142-28-9	U	5.2	0.71	ug/kg	02/22/10 11:26	U	1
1,4-Dichlorobenzene	106-46-7	U	5.2	0.71	ug/kg	02/22/10 11:26	U	1
2,2-Dichloropropane	594-20-7	U	5.2	0.62	ug/kg	02/22/10 11:26	U	1
2-Butanone (MEK)	78-93-3	470	52	9.4	ug/kg	02/22/10 11:26	E	1
2-Chlorotoluene	95-49-8	U	5.2	0.73	ug/kg	02/22/10 11:26	U	1
2-Hexanone	591-78-6	180	52	1.2	ug/kg	02/22/10 11:26		1
4-Chlorotoluene	106-43-4	U	5.2	0.57	ug/kg	02/22/10 11:26	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	40	52	3.3	ug/kg	02/22/10 11:26	J	1
Acetone	67-64-1	650	52	7.1	ug/kg	02/22/10 11:26	E	1
Benzene	71-43-2	29	5.2	0.53	ug/kg	02/22/10 11:26		1
Bromobenzene	108-86-1	U	5.2	0.88	ug/kg	02/22/10 11:26	U	1
Bromochloromethane	74-97-5	U	5.2	1.0	ug/kg	02/22/10 11:26	U	1
Bromodichloromethane	75-27-4	U	5.2	0.52	ug/kg	02/22/10 11:26	U	1
Bromoform	75-25-2	U	5.2	0.99	ug/kg	02/22/10 11:26	U	1
Bromomethane	74-83-9	U	5.2	2.5	ug/kg	02/22/10 11:26	U	1
Carbon tetrachloride	56-23-5	U	5.2	0.77	ug/kg	02/22/10 11:26	U	1
Chlorobenzene	108-90-7	U	10	0.60	ug/kg	02/22/10 11:26	U	1
Chloroethane	75-00-3	U	5.2	2.5	ug/kg	02/22/10 11:26	U	1
Chloroform	67-66-3	U	5.2	0.76	ug/kg	02/22/10 11:26	U	1
Chloromethane	74-87-3	U	5.2	2.4	ug/kg	02/22/10 11:26	U	1
cis-1,2-Dichloroethene	156-59-2	U	5.2	0.68	ug/kg	02/22/10 11:26	U	1
cis-1,3-Dichloropropene	10061-01-5	U	5.2	0.56	ug/kg	02/22/10 11:26	U	1
Chlorodibromomethane	124-48-1	U	5.2	1.0	ug/kg	02/22/10 11:26	U	1

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Antioch Food Mart - Morganton

Sample Id: **B2:25**	Matrix: **Soil**	% Moisture: **33.09**
Lab Sample Id: **362690-002**	Date Collected: **Feb-17-10 12:10**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124
Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	5.2	1.2	ug/kg	02/22/10 11:26	U	1
Ethanol	64-17-5	U	52	29	ug/kg	02/22/10 11:26	U	1
Ethylbenzene	100-41-4	2.3	5.2	0.58	ug/kg	02/22/10 11:26	J	1
Isopropyl Ether	108-20-3	3.07	51.6	1.31	ug/kg	02/22/10 11:26	J	1
Isopropylbenzene	98-82-8	U	5.2	0.78	ug/kg	02/22/10 11:26	U	1
m,p-Xylenes	179601-23-1	8.1	10	1.2	ug/kg	02/22/10 11:26	J	1
Methyl tert-butyl ether	1634-04-4	11	5.2	0.72	ug/kg	02/22/10 11:26		1
Methylene chloride	75-09-2	U	5.2	2.2	ug/kg	02/22/10 11:26	U	1
Naphthalene	91-20-3	U	5.2	1.3	ug/kg	02/22/10 11:26	U	1
n-Butylbenzene	104-51-8	U	5.2	0.91	ug/kg	02/22/10 11:26	U	1
n-Propylbenzene	103-65-1	U	5.2	0.81	ug/kg	02/22/10 11:26	U	1
o-Xylene	95-47-6	8.4	5.2	0.74	ug/kg	02/22/10 11:26		1
4-Isopropyltoluene	99-87-6	U	5.2	0.83	ug/kg	02/22/10 11:26	U	1
sec-Butylbenzene	135-98-8	U	5.2	0.68	ug/kg	02/22/10 11:26	U	1
Styrene	100-42-5	U	5.2	0.77	ug/kg	02/22/10 11:26	U	1
tert-Butylbenzene	98-06-6	U	5.2	0.86	ug/kg	02/22/10 11:26	U	1
Tetrachloroethene	127-18-4	U	5.2	1.1	ug/kg	02/22/10 11:26	U	1
Toluene	108-88-3	31	5.2	0.61	ug/kg	02/22/10 11:26		1
trans-1,2-Dichloroethene	156-60-5	U	5.2	0.81	ug/kg	02/22/10 11:26	U	1
trans-1,3-Dichloropropene	10061-02-6	U	5.2	0.69	ug/kg	02/22/10 11:26	U	1
Trichloroethene	79-01-6	U	5.2	0.73	ug/kg	02/22/10 11:26	U	1
Trichlorofluoromethane	75-69-4	U	5.2	3.6	ug/kg	02/22/10 11:26	U	1
Vinyl acetate	108-05-4	U	5.2	0.74	ug/kg	02/22/10 11:26	U	1
Vinyl chloride	75-01-4	U	5.2	2.1	ug/kg	02/22/10 11:26	U	1
Xylenes, Total	1330-20-7	16.5	5.2	0.74	ug/kg	02/22/10 11:26		1

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Sample Id: **B3:25**	Matrix: **Soil**	% Moisture: **19.11**
Lab Sample Id: **362690-003**	Date Collected: **Feb-17-10 14:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118

Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	41.1	13.6	ug/kg	02/27/10 22:39	U	1
2-Methylnaphthalene	91-57-6	U	41.1	16.5	ug/kg	02/27/10 22:39	U	1
Acenaphthene	83-32-9	U	41.1	16.2	ug/kg	02/27/10 22:39	U	1
Acenaphthylene	208-96-8	U	41.1	13.7	ug/kg	02/27/10 22:39	U	1
Anthracene	120-12-7	U	41.1	10.8	ug/kg	02/27/10 22:39	U	1
Benzo(a)anthracene	56-55-3	U	41.1	11.5	ug/kg	02/27/10 22:39	U	1
Benzo(a)pyrene	50-32-8	U	41.1	19.5	ug/kg	02/27/10 22:39	U	1
Benzo(b)fluoranthene	205-99-2	U	41.1	18.4	ug/kg	02/27/10 22:39	U	1
Benzo(g,h,i)perylene	191-24-2	U	41.1	19.2	ug/kg	02/27/10 22:39	U	1
Benzo(k)fluoranthene	207-08-9	U	41.1	14.1	ug/kg	02/27/10 22:39	U	1
Chrysene	218-01-9	U	41.1	9.74	ug/kg	02/27/10 22:39	U	1
Dibenz(a,h)anthracene	53-70-3	U	41.1	18.3	ug/kg	02/27/10 22:39	U	1
Fluoranthene	206-44-0	U	41.1	12.2	ug/kg	02/27/10 22:39	U	1
Fluorene	86-73-7	U	41.1	13.2	ug/kg	02/27/10 22:39	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	41.1	19.9	ug/kg	02/27/10 22:39	U	1
Naphthalene	91-20-3	U	41.1	14.1	ug/kg	02/27/10 22:39	U	1
Phenanthrene	85-01-8	U	41.1	8.23	ug/kg	02/27/10 22:39	U	1
Pyrene	129-00-0	U	41.1	13.1	ug/kg	02/27/10 22:39	U	1

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Sample Id: **B3:25**	Matrix: **Soil**	% Moisture: **19.11**
Lab Sample Id: **362690-003**	Date Collected: **Feb-17-10 14:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124
Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	3.9	0.58	ug/kg	02/22/10 11:57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	3.9	0.91	ug/kg	02/22/10 11:57	U	1
1,1,2-Trichloroethane	79-00-5	U	3.9	0.52	ug/kg	02/22/10 11:57	U	1
1,1-Dichloroethane	75-34-3	U	3.9	0.62	ug/kg	02/22/10 11:57	U	1
1,1-Dichloroethene	75-35-4	U	3.9	0.89	ug/kg	02/22/10 11:57	U	1
1,1-Dichloropropene	563-58-6	U	3.9	0.42	ug/kg	02/22/10 11:57	U	1
1,2,3-Trichlorobenzene	87-61-6	U	3.9	0.44	ug/kg	02/22/10 11:57	U	1
1,2,3-Trichloropropane	96-18-4	U	3.9	1.3	ug/kg	02/22/10 11:57	U	1
1,2,4-Trichlorobenzene	120-82-1	U	3.9	0.67	ug/kg	02/22/10 11:57	U	1
1,2,4-Trimethylbenzene	95-63-6	U	3.9	0.55	ug/kg	02/22/10 11:57	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	3.9	0.67	ug/kg	02/22/10 11:57	U	1
1,2-Dichlorobenzene	95-50-1	U	3.9	0.99	ug/kg	02/22/10 11:57	U	1
1,2-Dichloroethane	107-06-2	U	3.9	0.46	ug/kg	02/22/10 11:57	U	1
1,2-Dichloropropane	78-87-5	U	3.9	0.72	ug/kg	02/22/10 11:57	U	1
1,3,5-Trimethylbenzene	108-67-8	U	3.9	0.63	ug/kg	02/22/10 11:57	U	1
1,3-Dichlorobenzene	541-73-1	U	3.9	0.77	ug/kg	02/22/10 11:57	U	1
1,3-Dichloropropane	142-28-9	U	3.9	0.53	ug/kg	02/22/10 11:57	U	1
1,4-Dichlorobenzene	106-46-7	U	3.9	0.53	ug/kg	02/22/10 11:57	U	1
2,2-Dichloropropane	594-20-7	U	3.9	0.46	ug/kg	02/22/10 11:57	U	1
2-Butanone (MEK)	78-93-3	31	39	7.0	ug/kg	02/22/10 11:57	J	1
2-Chlorotoluene	95-49-8	U	3.9	0.55	ug/kg	02/22/10 11:57	U	1
2-Hexanone	591-78-6	6.1	39	0.87	ug/kg	02/22/10 11:57	J	1
4-Chlorotoluene	106-43-4	U	3.9	0.43	ug/kg	02/22/10 11:57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	9.9	39	2.5	ug/kg	02/22/10 11:57	J	1
Acetone	67-64-1	18	39	5.3	ug/kg	02/22/10 11:57	J	1
Benzene	71-43-2	U	3.9	0.40	ug/kg	02/22/10 11:57	U	1
Bromobenzene	108-86-1	U	3.9	0.66	ug/kg	02/22/10 11:57	U	1
Bromochloromethane	74-97-5	U	3.9	0.78	ug/kg	02/22/10 11:57	U	1
Bromodichloromethane	75-27-4	U	3.9	0.39	ug/kg	02/22/10 11:57	U	1
Bromoform	75-25-2	U	3.9	0.74	ug/kg	02/22/10 11:57	U	1
Bromomethane	74-83-9	U	3.9	1.9	ug/kg	02/22/10 11:57	U	1
Carbon tetrachloride	56-23-5	U	3.9	0.57	ug/kg	02/22/10 11:57	U	1
Chlorobenzene	108-90-7	U	7.7	0.45	ug/kg	02/22/10 11:57	U	1
Chloroethane	75-00-3	U	3.9	1.9	ug/kg	02/22/10 11:57	U	1
Chloroform	67-66-3	U	3.9	0.57	ug/kg	02/22/10 11:57	U	1
Chloromethane	74-87-3	U	3.9	1.8	ug/kg	02/22/10 11:57	U	1
cis-1,2-Dichloroethene	156-59-2	U	3.9	0.51	ug/kg	02/22/10 11:57	U	1
cis-1,3-Dichloropropene	10061-01-5	U	3.9	0.42	ug/kg	02/22/10 11:57	U	1
Chlorodibromomethane	124-48-1	U	3.9	0.77	ug/kg	02/22/10 11:57	U	1

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Sample Id: **B3:25**	Matrix: **Soil**	% Moisture: **19.11**
Lab Sample Id: **362690-003**	Date Collected: **Feb-17-10 14:00**	Basis: **Dry Weight**
Sample Depth: **25 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	3.9	0.91	ug/kg	02/22/10 11:57	U	1
Ethanol	64-17-5	U	39	22	ug/kg	02/22/10 11:57	U	1
Ethylbenzene	100-41-4	U	3.9	0.44	ug/kg	02/22/10 11:57	U	1
Isopropyl Ether	108-20-3	5.58	38.5	0.979	ug/kg	02/22/10 11:57	J	1
Isopropylbenzene	98-82-8	U	3.9	0.58	ug/kg	02/22/10 11:57	U	1
m,p-Xylenes	179601-23-1	U	7.7	0.93	ug/kg	02/22/10 11:57	U	1
Methyl tert-butyl ether	1634-04-4	U	3.9	0.53	ug/kg	02/22/10 11:57	U	1
Methylene chloride	75-09-2	U	3.9	1.7	ug/kg	02/22/10 11:57	U	1
Naphthalene	91-20-3	U	3.9	1.0	ug/kg	02/22/10 11:57	U	1
n-Butylbenzene	104-51-8	U	3.9	0.68	ug/kg	02/22/10 11:57	U	1
n-Propylbenzene	103-65-1	U	3.9	0.60	ug/kg	02/22/10 11:57	U	1
o-Xylene	95-47-6	U	3.9	0.55	ug/kg	02/22/10 11:57	U	1
4-Isopropyltoluene	99-87-6	U	3.9	0.62	ug/kg	02/22/10 11:57	U	1
sec-Butylbenzene	135-98-8	U	3.9	0.51	ug/kg	02/22/10 11:57	U	1
Styrene	100-42-5	U	3.9	0.57	ug/kg	02/22/10 11:57	U	1
tert-Butylbenzene	98-06-6	U	3.9	0.64	ug/kg	02/22/10 11:57	U	1
Tetrachloroethene	127-18-4	U	3.9	0.80	ug/kg	02/22/10 11:57	U	1
Toluene	108-88-3	U	3.9	0.45	ug/kg	02/22/10 11:57	U	1
trans-1,2-Dichloroethene	156-60-5	U	3.9	0.60	ug/kg	02/22/10 11:57	U	1
trans-1,3-Dichloropropene	10061-02-6	U	3.9	0.52	ug/kg	02/22/10 11:57	U	1
Trichloroethene	79-01-6	U	3.9	0.54	ug/kg	02/22/10 11:57	U	1
Trichlorofluoromethane	75-69-4	U	3.9	2.7	ug/kg	02/22/10 11:57	U	1
Vinyl acetate	108-05-4	U	3.9	0.56	ug/kg	02/22/10 11:57	U	1
Vinyl chloride	75-01-4	U	3.9	1.5	ug/kg	02/22/10 11:57	U	1
Xylenes, Total	1330-20-7	U	3.9	0.55	ug/kg	02/22/10 11:57	U	1

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Antioch Food Mart - Morganton

Sample Id: **B4:20**	Matrix: **Soil**	% Moisture: **20.51**
Lab Sample Id: **362690-004**	Date Collected: **Feb-17-10 15:15**	Basis: **Dry Weight**
Sample Depth: **20 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118
Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	41.9	13.9	ug/kg	02/28/10 00:02	U	1
2-Methylnaphthalene	91-57-6	18.4	41.9	16.9	ug/kg	02/28/10 00:02	J	1
Acenaphthene	83-32-9	U	41.9	16.5	ug/kg	02/28/10 00:02	U	1
Acenaphthylene	208-96-8	U	41.9	13.9	ug/kg	02/28/10 00:02	U	1
Anthracene	120-12-7	U	41.9	11.0	ug/kg	02/28/10 00:02	U	1
Benzo(a)anthracene	56-55-3	U	41.9	11.8	ug/kg	02/28/10 00:02	U	1
Benzo(a)pyrene	50-32-8	U	41.9	19.9	ug/kg	02/28/10 00:02	U	1
Benzo(b)fluoranthene	205-99-2	U	41.9	18.8	ug/kg	02/28/10 00:02	U	1
Benzo(g,h,i)perylene	191-24-2	U	41.9	19.5	ug/kg	02/28/10 00:02	U	1
Benzo(k)fluoranthene	207-08-9	U	41.9	14.4	ug/kg	02/28/10 00:02	U	1
Chrysene	218-01-9	U	41.9	9.93	ug/kg	02/28/10 00:02	U	1
Dibenz(a,h)anthracene	53-70-3	U	41.9	18.7	ug/kg	02/28/10 00:02	U	1
Fluoranthene	206-44-0	U	41.9	12.5	ug/kg	02/28/10 00:02	U	1
Fluorene	86-73-7	U	41.9	13.4	ug/kg	02/28/10 00:02	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	41.9	20.3	ug/kg	02/28/10 00:02	U	1
Naphthalene	91-20-3	U	41.9	14.4	ug/kg	02/28/10 00:02	U	1
Phenanthrene	85-01-8	U	41.9	8.39	ug/kg	02/28/10 00:02	U	1
Pyrene	129-00-0	U	41.9	13.3	ug/kg	02/28/10 00:02	U	1

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Antioch Food Mart - Morganton

Sample Id: **B4:20**	Matrix: **Soil**	% Moisture: **20.51**
Lab Sample Id: **362690-004**	Date Collected: **Feb-17-10 15:15**	Basis: **Dry Weight**
Sample Depth: **20 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	3.2	0.48	ug/kg	02/22/10 13:49	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	3.2	0.75	ug/kg	02/22/10 13:49	U	1
1,1,2-Trichloroethane	79-00-5	U	3.2	0.42	ug/kg	02/22/10 13:49	U	1
1,1-Dichloroethane	75-34-3	U	3.2	0.51	ug/kg	02/22/10 13:49	U	1
1,1-Dichloroethene	75-35-4	U	3.2	0.73	ug/kg	02/22/10 13:49	U	1
1,1-Dichloropropene	563-58-6	U	3.2	0.34	ug/kg	02/22/10 13:49	U	1
1,2,3-Trichlorobenzene	87-61-6	U	3.2	0.36	ug/kg	02/22/10 13:49	U	1
1,2,3-Trichloropropane	96-18-4	U	3.2	1.0	ug/kg	02/22/10 13:49	U	1
1,2,4-Trichlorobenzene	120-82-1	U	3.2	0.55	ug/kg	02/22/10 13:49	U	1
1,2,4-Trimethylbenzene	95-63-6	U	3.2	0.46	ug/kg	02/22/10 13:49	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	3.2	0.55	ug/kg	02/22/10 13:49	U	1
1,2-Dichlorobenzene	95-50-1	U	3.2	0.82	ug/kg	02/22/10 13:49	U	1
1,2-Dichloroethane	107-06-2	U	3.2	0.38	ug/kg	02/22/10 13:49	U	1
1,2-Dichloropropane	78-87-5	U	3.2	0.59	ug/kg	02/22/10 13:49	U	1
1,3,5-Trimethylbenzene	108-67-8	U	3.2	0.52	ug/kg	02/22/10 13:49	U	1
1,3-Dichlorobenzene	541-73-1	U	3.2	0.63	ug/kg	02/22/10 13:49	U	1
1,3-Dichloropropane	142-28-9	U	3.2	0.44	ug/kg	02/22/10 13:49	U	1
1,4-Dichlorobenzene	106-46-7	U	3.2	0.43	ug/kg	02/22/10 13:49	U	1
2,2-Dichloropropane	594-20-7	U	3.2	0.38	ug/kg	02/22/10 13:49	U	1
2-Butanone (MEK)	78-93-3	U	32	5.8	ug/kg	02/22/10 13:49	U	1
2-Chlorotoluene	95-49-8	U	3.2	0.45	ug/kg	02/22/10 13:49	U	1
2-Hexanone	591-78-6	U	32	0.71	ug/kg	02/22/10 13:49	U	1
4-Chlorotoluene	106-43-4	U	3.2	0.35	ug/kg	02/22/10 13:49	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	32	2.0	ug/kg	02/22/10 13:49	U	1
Acetone	67-64-1	24	32	4.4	ug/kg	02/22/10 13:49	J	1
Benzene	71-43-2	U	3.2	0.32	ug/kg	02/22/10 13:49	U	1
Bromobenzene	108-86-1	U	3.2	0.54	ug/kg	02/22/10 13:49	U	1
Bromochloromethane	74-97-5	U	3.2	0.64	ug/kg	02/22/10 13:49	U	1
Bromodichloromethane	75-27-4	U	3.2	0.32	ug/kg	02/22/10 13:49	U	1
Bromoform	75-25-2	U	3.2	0.61	ug/kg	02/22/10 13:49	U	1
Bromomethane	74-83-9	U	3.2	1.6	ug/kg	02/22/10 13:49	U	1
Carbon tetrachloride	56-23-5	U	3.2	0.47	ug/kg	02/22/10 13:49	U	1
Chlorobenzene	108-90-7	U	6.3	0.37	ug/kg	02/22/10 13:49	U	1
Chloroethane	75-00-3	U	3.2	1.5	ug/kg	02/22/10 13:49	U	1
Chloroform	67-66-3	U	3.2	0.47	ug/kg	02/22/10 13:49	U	1
Chloromethane	74-87-3	U	3.2	1.5	ug/kg	02/22/10 13:49	U	1
cis-1,2-Dichloroethene	156-59-2	U	3.2	0.42	ug/kg	02/22/10 13:49	U	1
cis-1,3-Dichloropropene	10061-01-5	U	3.2	0.34	ug/kg	02/22/10 13:49	U	1
Chlorodibromomethane	124-48-1	U	3.2	0.63	ug/kg	02/22/10 13:49	U	1

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Antioch Food Mart - Morganton

Sample Id: **B4:20**	Matrix: **Soil**	% Moisture: **20.51**
Lab Sample Id: **362690-004**	Date Collected: **Feb-17-10 15:15**	Basis: **Dry Weight**
Sample Depth: **20 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	3.2	0.75	ug/kg	02/22/10 13:49	U	1
Ethanol	64-17-5	U	32	18	ug/kg	02/22/10 13:49	U	1
Ethylbenzene	100-41-4	U	3.2	0.36	ug/kg	02/22/10 13:49	U	1
Isopropyl Ether	108-20-3	U	31.6	0.804	ug/kg	02/22/10 13:49	U	1
Isopropylbenzene	98-82-8	U	3.2	0.48	ug/kg	02/22/10 13:49	U	1
m,p-Xylenes	179601-23-1	U	6.3	0.77	ug/kg	02/22/10 13:49	U	1
Methyl tert-butyl ether	1634-04-4	U	3.2	0.44	ug/kg	02/22/10 13:49	U	1
Methylene chloride	75-09-2	U	3.2	1.4	ug/kg	02/22/10 13:49	U	1
Naphthalene	91-20-3	U	3.2	0.82	ug/kg	02/22/10 13:49	U	1
n-Butylbenzene	104-51-8	U	3.2	0.56	ug/kg	02/22/10 13:49	U	1
n-Propylbenzene	103-65-1	U	3.2	0.49	ug/kg	02/22/10 13:49	U	1
o-Xylene	95-47-6	U	3.2	0.45	ug/kg	02/22/10 13:49	U	1
4-Isopropyltoluene	99-87-6	U	3.2	0.51	ug/kg	02/22/10 13:49	U	1
sec-Butylbenzene	135-98-8	U	3.2	0.42	ug/kg	02/22/10 13:49	U	1
Styrene	100-42-5	U	3.2	0.47	ug/kg	02/22/10 13:49	U	1
tert-Butylbenzene	98-06-6	U	3.2	0.53	ug/kg	02/22/10 13:49	U	1
Tetrachloroethene	127-18-4	U	3.2	0.66	ug/kg	02/22/10 13:49	U	1
Toluene	108-88-3	U	3.2	0.37	ug/kg	02/22/10 13:49	U	1
trans-1,2-Dichloroethene	156-60-5	U	3.2	0.49	ug/kg	02/22/10 13:49	U	1
trans-1,3-Dichloropropene	10061-02-6	U	3.2	0.42	ug/kg	02/22/10 13:49	U	1
Trichloroethene	79-01-6	U	3.2	0.45	ug/kg	02/22/10 13:49	U	1
Trichlorofluoromethane	75-69-4	U	3.2	2.2	ug/kg	02/22/10 13:49	U	1
Vinyl acetate	108-05-4	U	3.2	0.46	ug/kg	02/22/10 13:49	U	1
Vinyl chloride	75-01-4	U	3.2	1.3	ug/kg	02/22/10 13:49	U	1
Xylenes, Total	1330-20-7	U	3.2	0.45	ug/kg	02/22/10 13:49	U	1

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Sample Id: **B5:15**	Matrix: **Soil**	% Moisture: **26.37**
Lab Sample Id: **362690-005**	Date Collected: **Feb-17-10 16:00**	Basis: **Dry Weight**
Sample Depth: **15 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118
Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	45.2	15.0	ug/kg	02/28/10 00:29	U	1
2-Methylnaphthalene	91-57-6	U	45.2	18.2	ug/kg	02/28/10 00:29	U	1
Acenaphthene	83-32-9	U	45.2	17.8	ug/kg	02/28/10 00:29	U	1
Acenaphthylene	208-96-8	U	45.2	15.0	ug/kg	02/28/10 00:29	U	1
Anthracene	120-12-7	U	45.2	11.9	ug/kg	02/28/10 00:29	U	1
Benzo(a)anthracene	56-55-3	U	45.2	12.7	ug/kg	02/28/10 00:29	U	1
Benzo(a)pyrene	50-32-8	U	45.2	21.4	ug/kg	02/28/10 00:29	U	1
Benzo(b)fluoranthene	205-99-2	U	45.2	20.2	ug/kg	02/28/10 00:29	U	1
Benzo(g,h,i)perylene	191-24-2	U	45.2	21.1	ug/kg	02/28/10 00:29	U	1
Benzo(k)fluoranthene	207-08-9	U	45.2	15.5	ug/kg	02/28/10 00:29	U	1
Chrysene	218-01-9	U	45.2	10.7	ug/kg	02/28/10 00:29	U	1
Dibenz(a,h)anthracene	53-70-3	U	45.2	20.1	ug/kg	02/28/10 00:29	U	1
Fluoranthene	206-44-0	U	45.2	13.4	ug/kg	02/28/10 00:29	U	1
Fluorene	86-73-7	U	45.2	14.5	ug/kg	02/28/10 00:29	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	45.2	21.9	ug/kg	02/28/10 00:29	U	1
Naphthalene	91-20-3	U	45.2	15.5	ug/kg	02/28/10 00:29	U	1
Phenanthrene	85-01-8	U	45.2	9.05	ug/kg	02/28/10 00:29	U	1
Pyrene	129-00-0	U	45.2	14.4	ug/kg	02/28/10 00:29	U	1

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Antioch Food Mart - Morganton

Sample Id: **B5:15**	Matrix: **Soil**	% Moisture: **26.37**
Lab Sample Id: **362690-005**	Date Collected: **Feb-17-10 16:00**	Basis: **Dry Weight**
Sample Depth: **15 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	3.9	0.59	ug/kg	02/22/10 12:56	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	3.9	0.92	ug/kg	02/22/10 12:56	U	1
1,1,2-Trichloroethane	79-00-5	U	3.9	0.52	ug/kg	02/22/10 12:56	U	1
1,1-Dichloroethane	75-34-3	U	3.9	0.62	ug/kg	02/22/10 12:56	U	1
1,1-Dichloroethene	75-35-4	U	3.9	0.90	ug/kg	02/22/10 12:56	U	1
1,1-Dichloropropene	563-58-6	U	3.9	0.42	ug/kg	02/22/10 12:56	U	1
1,2,3-Trichlorobenzene	87-61-6	U	3.9	0.45	ug/kg	02/22/10 12:56	U	1
1,2,3-Trichloropropane	96-18-4	U	3.9	1.3	ug/kg	02/22/10 12:56	U	1
1,2,4-Trichlorobenzene	120-82-1	U	3.9	0.68	ug/kg	02/22/10 12:56	U	1
1,2,4-Trimethylbenzene	95-63-6	U	3.9	0.56	ug/kg	02/22/10 12:56	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	3.9	0.67	ug/kg	02/22/10 12:56	U	1
1,2-Dichlorobenzene	95-50-1	U	3.9	1.0	ug/kg	02/22/10 12:56	U	1
1,2-Dichloroethane	107-06-2	U	3.9	0.46	ug/kg	02/22/10 12:56	U	1
1,2-Dichloropropane	78-87-5	U	3.9	0.72	ug/kg	02/22/10 12:56	U	1
1,3,5-Trimethylbenzene	108-67-8	U	3.9	0.63	ug/kg	02/22/10 12:56	U	1
1,3-Dichlorobenzene	541-73-1	U	3.9	0.78	ug/kg	02/22/10 12:56	U	1
1,3-Dichloropropane	142-28-9	U	3.9	0.54	ug/kg	02/22/10 12:56	U	1
1,4-Dichlorobenzene	106-46-7	U	3.9	0.53	ug/kg	02/22/10 12:56	U	1
2,2-Dichloropropane	594-20-7	U	3.9	0.47	ug/kg	02/22/10 12:56	U	1
2-Butanone (MEK)	78-93-3	U	39	7.1	ug/kg	02/22/10 12:56	U	1
2-Chlorotoluene	95-49-8	U	3.9	0.55	ug/kg	02/22/10 12:56	U	1
2-Hexanone	591-78-6	U	39	0.88	ug/kg	02/22/10 12:56	U	1
4-Chlorotoluene	106-43-4	U	3.9	0.43	ug/kg	02/22/10 12:56	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	39	2.5	ug/kg	02/22/10 12:56	U	1
Acetone	67-64-1	14	39	5.4	ug/kg	02/22/10 12:56	J	1
Benzene	71-43-2	U	3.9	0.40	ug/kg	02/22/10 12:56	U	1
Bromobenzene	108-86-1	U	3.9	0.67	ug/kg	02/22/10 12:56	U	1
Bromochloromethane	74-97-5	U	3.9	0.78	ug/kg	02/22/10 12:56	U	1
Bromodichloromethane	75-27-4	U	3.9	0.39	ug/kg	02/22/10 12:56	U	1
Bromoform	75-25-2	U	3.9	0.75	ug/kg	02/22/10 12:56	U	1
Bromomethane	74-83-9	U	3.9	1.9	ug/kg	02/22/10 12:56	U	1
Carbon tetrachloride	56-23-5	U	3.9	0.58	ug/kg	02/22/10 12:56	U	1
Chlorobenzene	108-90-7	U	7.8	0.45	ug/kg	02/22/10 12:56	U	1
Chloroethane	75-00-3	U	3.9	1.9	ug/kg	02/22/10 12:56	U	1
Chloroform	67-66-3	U	3.9	0.58	ug/kg	02/22/10 12:56	U	1
Chloromethane	74-87-3	U	3.9	1.8	ug/kg	02/22/10 12:56	U	1
cis-1,2-Dichloroethene	156-59-2	U	3.9	0.52	ug/kg	02/22/10 12:56	U	1
cis-1,3-Dichloropropene	10061-01-5	U	3.9	0.42	ug/kg	02/22/10 12:56	U	1
Chlorodibromomethane	124-48-1	U	3.9	0.77	ug/kg	02/22/10 12:56	U	1

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Antioch Food Mart - Morganton

Sample Id: **B5:15**	Matrix: **Soil**	% Moisture: **26.37**
Lab Sample Id: **362690-005**	Date Collected: **Feb-17-10 16:00**	Basis: **Dry Weight**
Sample Depth: **15 ft**	Date Received: **Feb-18-10 10:23**	

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

Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124
Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	3.9	0.92	ug/kg	02/22/10 12:56	U	1
Ethanol	64-17-5	U	39	22	ug/kg	02/22/10 12:56	U	1
Ethylbenzene	100-41-4	U	3.9	0.44	ug/kg	02/22/10 12:56	U	1
Isopropyl Ether	108-20-3	U	38.9	0.989	ug/kg	02/22/10 12:56	U	1
Isopropylbenzene	98-82-8	U	3.9	0.59	ug/kg	02/22/10 12:56	U	1
m,p-Xylenes	179601-23-1	U	7.8	0.94	ug/kg	02/22/10 12:56	U	1
Methyl tert-butyl ether	1634-04-4	U	3.9	0.54	ug/kg	02/22/10 12:56	U	1
Methylene chloride	75-09-2	U	3.9	1.7	ug/kg	02/22/10 12:56	U	1
Naphthalene	91-20-3	U	3.9	1.0	ug/kg	02/22/10 12:56	U	1
n-Butylbenzene	104-51-8	U	3.9	0.69	ug/kg	02/22/10 12:56	U	1
n-Propylbenzene	103-65-1	U	3.9	0.61	ug/kg	02/22/10 12:56	U	1
o-Xylene	95-47-6	U	3.9	0.56	ug/kg	02/22/10 12:56	U	1
4-Isopropyltoluene	99-87-6	U	3.9	0.62	ug/kg	02/22/10 12:56	U	1
sec-Butylbenzene	135-98-8	U	3.9	0.51	ug/kg	02/22/10 12:56	U	1
Styrene	100-42-5	U	3.9	0.58	ug/kg	02/22/10 12:56	U	1
tert-Butylbenzene	98-06-6	U	3.9	0.65	ug/kg	02/22/10 12:56	U	1
Tetrachloroethene	127-18-4	U	3.9	0.81	ug/kg	02/22/10 12:56	U	1
Toluene	108-88-3	U	3.9	0.46	ug/kg	02/22/10 12:56	U	1
trans-1,2-Dichloroethene	156-60-5	U	3.9	0.61	ug/kg	02/22/10 12:56	U	1
trans-1,3-Dichloropropene	10061-02-6	U	3.9	0.52	ug/kg	02/22/10 12:56	U	1
Trichloroethene	79-01-6	U	3.9	0.55	ug/kg	02/22/10 12:56	U	1
Trichlorofluoromethane	75-69-4	U	3.9	2.7	ug/kg	02/22/10 12:56	U	1
Vinyl acetate	108-05-4	U	3.9	0.56	ug/kg	02/22/10 12:56	U	1
Vinyl chloride	75-01-4	U	3.9	1.6	ug/kg	02/22/10 12:56	U	1
Xylenes, Total	1330-20-7	U	3.9	0.56	ug/kg	02/22/10 12:56	U	1

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Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-006**	Date Collected: **Feb-17-10 11:15**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124
Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 13:07	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 13:07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 13:07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 13:07	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 13:07	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 13:07	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 13:07	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 13:07	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 13:07	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 13:07	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 13:07	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.823	ug/L	02/23/10 13:07	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.434	ug/L	02/23/10 13:07	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 13:07	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 13:07	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 13:07	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 13:07	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 13:07	U	1
2-Hexanone	591-78-6	U	0.400	3.61	ug/L	02/23/10 13:07	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 13:07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	10.0	ug/L	02/23/10 13:07	U	1
Acetone	67-64-1	U	2.00	3.74	ug/L	02/23/10 13:07	U	1
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 13:07	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 13:07	U	1
Benzene	71-43-2	U	0.500	0.211	ug/L	02/23/10 13:07	U	1
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 13:07	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 13:07	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 13:07	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 13:07	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 13:07	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 13:07	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 13:07	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 13:07	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 13:07	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 13:07	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 13:07	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 13:07	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 13:07	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 13:07	U	1

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XENCO Laboratories
Florida Testing Services, LLC

Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-006**	Date Collected: **Feb-17-10 11:15**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 13:07	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 13:07	U	1
Diisopropyl ether	108-20-3	U	0.500	1.00	ug/L	02/23/10 13:07	U	1
Ethylbenzene	100-41-4	U	0.500	0.196	ug/L	02/23/10 13:07	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 13:07	U	1
isopropylbenzene	98-82-8	U	0.500	0.238	ug/L	02/23/10 13:07	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.398	ug/L	02/23/10 13:07	U	1
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 13:07	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.261	ug/L	02/23/10 13:07	U	1
Naphthalene	91-20-3	U	2.00	1.00	ug/L	02/23/10 13:07	U	1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 13:07	U	1
n-Propylbenzene	103-65-1	U	1.00	1.00	ug/L	02/23/10 13:07	U	1
o-Xylene	95-47-6	U	0.500	0.298	ug/L	02/23/10 13:07	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.353	ug/L	02/23/10 13:07	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.327	ug/L	02/23/10 13:07	U	1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 13:07	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 13:07	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 13:07	U	1
Toluene	108-88-3	U	0.500	0.247	ug/L	02/23/10 13:07	U	1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 13:07	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 13:07	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 13:07	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 13:07	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 13:07	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 13:07	U	1

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Antioch Food Mart - Morganton

Sample Id: **B1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-006**	Date Collected: **Feb-17-10 11:15**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458

Seq Number: 795643 SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	1.00	0.290	ug/L	02/26/10 04:19	U	1
2-Methylnaphthalene	91-57-6	U	1.00	0.260	ug/L	02/26/10 04:19	U	1
Acenaphthene	83-32-9	U	4.00	0.330	ug/L	02/26/10 04:19	U	1
Acenaphthylene	208-96-8	U	4.00	0.250	ug/L	02/26/10 04:19	U	1
Anthracene	120-12-7	U	4.00	0.250	ug/L	02/26/10 04:19	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	02/26/10 04:19	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	02/26/10 04:19	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	02/26/10 04:19	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	02/26/10 04:19	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	02/26/10 04:19	U	1
Chrysene	218-01-9	U	4.00	0.280	ug/L	02/26/10 04:19	U	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	02/26/10 04:19	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	02/26/10 04:19	U	1
Fluorene	86-73-7	U	4.00	0.270	ug/L	02/26/10 04:19	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	02/26/10 04:19	U	1
Naphthalene	91-20-3	U	4.00	0.340	ug/L	02/26/10 04:19	U	1
Phenanthrene	85-01-8	U	10.0	0.290	ug/L	02/26/10 04:19	U	1
Pyrene	129-00-0	U	4.00	0.470	ug/L	02/26/10 04:19	U	1

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Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B2**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-007**	Date Collected: **Feb-17-10 12:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 16:40	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 16:40	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 16:40	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 16:40	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 16:40	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 16:40	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 16:40	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 16:40	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 16:40	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 16:40	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 16:40	U	1
1,2,4-Trimethylbenzene	95-63-6	159	25.0	41.2	ug/L	02/23/10 18:17	D	50
1,3,5-trimethylbenzene	108-67-8	41.5	0.500	0.434	ug/L	02/23/10 16:40		1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 16:40	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 16:40	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 16:40	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 16:40	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 16:40	U	1
2-Hexanone	591-78-6	31.0	0.400	3.61	ug/L	02/23/10 16:40		1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 16:40	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	10.0	ug/L	02/23/10 16:40	U	1
Acetone	67-64-1	506	100	187	ug/L	02/23/10 18:17	D	50
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 16:40	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 16:40	U	1
Benzene	71-43-2	1990	25.0	10.5	ug/L	02/23/10 18:17	D	50
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 16:40	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 16:40	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 16:40	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 16:40	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 16:40	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 16:40	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 16:40	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 16:40	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 16:40	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 16:40	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 16:40	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 16:40	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 16:40	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 16:40	U	1

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Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B2**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-007**	Date Collected: **Feb-17-10 12:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 16:40	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 16:40	U	1
Diisopropyl ether	108-20-3	17.8	0.500	1.00	ug/L	02/23/10 16:40		1
Ethylbenzene	100-41-4	154	25.0	9.80	ug/L	02/23/10 18:17	D	50
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 16:40	U	1
isopropylbenzene	98-82-8	19.9	0.500	0.238	ug/L	02/23/10 16:40		1
m,p-Xylenes	179601-23-1	470	50.0	19.9	ug/L	02/23/10 18:17	D	50
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 16:40	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	250	25.0	13.0	ug/L	02/23/10 18:17	D	50
Naphthalene	91-20-3	89.6	2.00	1.00	ug/L	02/23/10 16:40		1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 16:40	U	1
n-Propylbenzene	103-65-1	30.7	1.00	1.00	ug/L	02/23/10 16:40		1
o-Xylene	95-47-6	236	25.0	14.9	ug/L	02/23/10 18:17	D	50
p-Cymene (p-Isopropyltoluene)	99-87-6	7.92	0.500	0.353	ug/L	02/23/10 16:40		1
Sec-Butylbenzene	135-98-8	10.5	0.500	0.327	ug/L	02/23/10 16:40		1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 16:40	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 16:40	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 16:40	U	1
Toluene	108-88-3	2040	25.0	12.4	ug/L	02/23/10 18:17	D	50
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 16:40	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 16:40	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 16:40	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 16:40	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 16:40	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 16:40	U	1

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Antioch Food Mart - Morganton

Sample Id: **B2**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-007**	Date Collected: **Feb-17-10 12:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458

Seq Number: 795643 SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	172	10.0	2.90	ug/L	02/26/10 11:44	D	10
2-Methylnaphthalene	91-57-6	259	10.0	2.60	ug/L	02/26/10 11:44	D	10
Acenaphthene	83-32-9	16.0	4.00	0.330	ug/L	02/26/10 04:38		1
Acenaphthylene	208-96-8	U	4.00	0.250	ug/L	02/26/10 04:38	U	1
Anthracene	120-12-7	U	4.00	0.250	ug/L	02/26/10 04:38	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	02/26/10 04:38	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	02/26/10 04:38	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	02/26/10 04:38	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	02/26/10 04:38	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	02/26/10 04:38	U	1
Chrysene	218-01-9	0.630	4.00	0.280	ug/L	02/26/10 04:38	J	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	02/26/10 04:38	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	02/26/10 04:38	U	1
Fluorene	86-73-7	38.1	4.00	0.270	ug/L	02/26/10 04:38		1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	02/26/10 04:38	U	1
Naphthalene	91-20-3	116	4.00	0.340	ug/L	02/26/10 04:38		1
Phenanthrene	85-01-8	37.6	10.0	0.290	ug/L	02/26/10 04:38		1
Pyrene	129-00-0	10.8	4.00	0.470	ug/L	02/26/10 04:38		1

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Antioch Food Mart - Morganton

Sample Id: **B3**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-008**	Date Collected: **Feb-17-10 14:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 13:37	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 13:37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 13:37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 13:37	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 13:37	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 13:37	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 13:37	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 13:37	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 13:37	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 13:37	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 13:37	U	1
1,2,4-Trimethylbenzene	95-63-6	1.32	0.500	0.823	ug/L	02/23/10 13:37		1
1,3,5-trimethylbenzene	108-67-8	0.990	0.500	0.434	ug/L	02/23/10 13:37		1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 13:37	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 13:37	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 13:37	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 13:37	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 13:37	U	1
2-Hexanone	591-78-6	U	0.400	3.61	ug/L	02/23/10 13:37	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 13:37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	14.6	0.400	10.0	ug/L	02/23/10 13:37		1
Acetone	67-64-1	34.0	2.00	3.74	ug/L	02/23/10 13:37		1
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 13:37	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 13:37	U	1
Benzene	71-43-2	2.74	0.500	0.211	ug/L	02/23/10 13:37		1
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 13:37	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 13:37	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 13:37	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 13:37	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 13:37	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 13:37	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 13:37	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 13:37	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 13:37	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 13:37	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 13:37	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 13:37	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 13:37	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 13:37	U	1

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Antioch Food Mart - Morganton

Sample Id: **B3**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-008**	Date Collected: **Feb-17-10 14:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 13:37	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 13:37	U	1
Diisopropyl ether	108-20-3	411	5.00	10.0	ug/L	02/23/10 17:12	D	10
Ethylbenzene	100-41-4	U	0.500	0.196	ug/L	02/23/10 13:37	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 13:37	U	1
isopropylbenzene	98-82-8	U	0.500	0.238	ug/L	02/23/10 13:37	U	1
m,p-Xylenes	179601-23-1	5.32	1.00	0.398	ug/L	02/23/10 13:37		1
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 13:37	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.261	ug/L	02/23/10 13:37	U	1
Naphthalene	91-20-3	1.13	2.00	1.00	ug/L	02/23/10 13:37	J	1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 13:37	U	1
n-Propylbenzene	103-65-1	U	1.00	1.00	ug/L	02/23/10 13:37	U	1
o-Xylene	95-47-6	9.10	0.500	0.298	ug/L	02/23/10 13:37		1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.353	ug/L	02/23/10 13:37	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.327	ug/L	02/23/10 13:37	U	1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 13:37	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 13:37	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 13:37	U	1
Toluene	108-88-3	1.70	0.500	0.247	ug/L	02/23/10 13:37		1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 13:37	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 13:37	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 13:37	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 13:37	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 13:37	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 13:37	U	1

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Antioch Food Mart - Morganton

Sample Id: **B3**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-008**	Date Collected: **Feb-17-10 14:35**	
Sample Depth: **40 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458

Seq Number: 795643 SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	0.400	1.00	0.290	ug/L	02/26/10 04:58	J	1
2-Methylnaphthalene	91-57-6	0.800	1.00	0.260	ug/L	02/26/10 04:58	J	1
Acenaphthene	83-32-9	U	4.00	0.330	ug/L	02/26/10 04:58	U	1
Acenaphthylene	208-96-8	U	4.00	0.250	ug/L	02/26/10 04:58	U	1
Anthracene	120-12-7	U	4.00	0.250	ug/L	02/26/10 04:58	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	02/26/10 04:58	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	02/26/10 04:58	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	02/26/10 04:58	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	02/26/10 04:58	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	02/26/10 04:58	U	1
Chrysene	218-01-9	U	4.00	0.280	ug/L	02/26/10 04:58	U	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	02/26/10 04:58	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	02/26/10 04:58	U	1
Fluorene	86-73-7	0.320	4.00	0.270	ug/L	02/26/10 04:58	J	1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	02/26/10 04:58	U	1
Naphthalene	91-20-3	1.67	4.00	0.340	ug/L	02/26/10 04:58	J	1
Phenanthrene	85-01-8	U	10.0	0.290	ug/L	02/26/10 04:58	U	1
Pyrene	129-00-0	U	4.00	0.470	ug/L	02/26/10 04:58	U	1

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Antioch Food Mart - Morganton

Sample Id: **B4**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-009**	Date Collected: **Feb-17-10 15:35**	
Sample Depth: **34 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 14:08	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 14:08	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 14:08	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 14:08	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 14:08	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 14:08	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 14:08	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 14:08	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 14:08	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 14:08	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 14:08	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.823	ug/L	02/23/10 14:08	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.434	ug/L	02/23/10 14:08	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 14:08	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 14:08	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 14:08	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 14:08	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 14:08	U	1
2-Hexanone	591-78-6	U	0.400	3.61	ug/L	02/23/10 14:08	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 14:08	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	10.0	ug/L	02/23/10 14:08	U	1
Acetone	67-64-1	U	2.00	3.74	ug/L	02/23/10 14:08	U	1
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 14:08	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 14:08	U	1
Benzene	71-43-2	U	0.500	0.211	ug/L	02/23/10 14:08	U	1
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 14:08	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 14:08	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 14:08	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 14:08	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 14:08	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 14:08	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 14:08	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 14:08	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 14:08	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 14:08	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 14:08	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 14:08	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 14:08	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 14:08	U	1

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Antioch Food Mart - Morganton

Sample Id: **B4**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-009**	Date Collected: **Feb-17-10 15:35**	
Sample Depth: **34 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124
Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 14:08	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 14:08	U	1
Diisopropyl ether	108-20-3	U	0.500	1.00	ug/L	02/23/10 14:08	U	1
Ethylbenzene	100-41-4	U	0.500	0.196	ug/L	02/23/10 14:08	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 14:08	U	1
isopropylbenzene	98-82-8	U	0.500	0.238	ug/L	02/23/10 14:08	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.398	ug/L	02/23/10 14:08	U	1
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 14:08	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.261	ug/L	02/23/10 14:08	U	1
Naphthalene	91-20-3	U	2.00	1.00	ug/L	02/23/10 14:08	U	1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 14:08	U	1
n-Propylbenzene	103-65-1	U	1.00	1.00	ug/L	02/23/10 14:08	U	1
o-Xylene	95-47-6	U	0.500	0.298	ug/L	02/23/10 14:08	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.353	ug/L	02/23/10 14:08	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.327	ug/L	02/23/10 14:08	U	1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 14:08	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 14:08	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 14:08	U	1
Toluene	108-88-3	0.460	0.500	0.247	ug/L	02/23/10 14:08	J	1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 14:08	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 14:08	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 14:08	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 14:08	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 14:08	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 14:08	U	1

Project: North Carolina UST Sites

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Certificate of Analytical Results 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B4**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-009**	Date Collected: **Feb-17-10 15:35**	
Sample Depth: **34 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458

Seq Number: 795643 SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	1.00	0.290	ug/L	02/26/10 10:46	U	1
2-Methylnaphthalene	91-57-6	0.380	1.00	0.260	ug/L	02/26/10 10:46	J	1
Acenaphthene	83-32-9	U	4.00	0.330	ug/L	02/26/10 10:46	U	1
Acenaphthylene	208-96-8	U	4.00	0.250	ug/L	02/26/10 10:46	U	1
Anthracene	120-12-7	U	4.00	0.250	ug/L	02/26/10 10:46	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	02/26/10 10:46	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	02/26/10 10:46	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	02/26/10 10:46	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	02/26/10 10:46	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	02/26/10 10:46	U	1
Chrysene	218-01-9	U	4.00	0.280	ug/L	02/26/10 10:46	U	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	02/26/10 10:46	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	02/26/10 10:46	U	1
Fluorene	86-73-7	U	4.00	0.270	ug/L	02/26/10 10:46	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	02/26/10 10:46	U	1
Naphthalene	91-20-3	U	4.00	0.340	ug/L	02/26/10 10:46	U	1
Phenanthrene	85-01-8	0.310	10.0	0.290	ug/L	02/26/10 10:46	J	1
Pyrene	129-00-0	U	4.00	0.470	ug/L	02/26/10 10:46	U	1

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Antioch Food Mart - Morganton

Sample Id: **B5**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-010**	Date Collected: **Feb-17-10 16:05**	
Sample Depth: **24 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 14:38	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 14:38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 14:38	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 14:38	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 14:38	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 14:38	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 14:38	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 14:38	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 14:38	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 14:38	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 14:38	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.823	ug/L	02/23/10 14:38	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.434	ug/L	02/23/10 14:38	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 14:38	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 14:38	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 14:38	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 14:38	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 14:38	U	1
2-Hexanone	591-78-6	U	0.400	3.61	ug/L	02/23/10 14:38	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 14:38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	10.0	ug/L	02/23/10 14:38	U	1
Acetone	67-64-1	19.4	2.00	3.74	ug/L	02/23/10 14:38		1
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 14:38	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 14:38	U	1
Benzene	71-43-2	U	0.500	0.211	ug/L	02/23/10 14:38	U	1
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 14:38	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 14:38	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 14:38	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 14:38	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 14:38	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 14:38	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 14:38	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 14:38	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 14:38	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 14:38	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 14:38	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 14:38	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 14:38	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 14:38	U	1

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AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **B5**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-010**	Date Collected: **Feb-17-10 16:05**	
Sample Depth: **24 ft**	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 14:38	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 14:38	U	1
Diisopropyl ether	108-20-3	U	0.500	1.00	ug/L	02/23/10 14:38	U	1
Ethylbenzene	100-41-4	U	0.500	0.196	ug/L	02/23/10 14:38	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 14:38	U	1
isopropylbenzene	98-82-8	U	0.500	0.238	ug/L	02/23/10 14:38	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.398	ug/L	02/23/10 14:38	U	1
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 14:38	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.261	ug/L	02/23/10 14:38	U	1
Naphthalene	91-20-3	U	2.00	1.00	ug/L	02/23/10 14:38	U	1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 14:38	U	1
n-Propylbenzene	103-65-1	U	1.00	1.00	ug/L	02/23/10 14:38	U	1
o-Xylene	95-47-6	U	0.500	0.298	ug/L	02/23/10 14:38	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.353	ug/L	02/23/10 14:38	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.327	ug/L	02/23/10 14:38	U	1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 14:38	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 14:38	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 14:38	U	1
Toluene	108-88-3	U	0.500	0.247	ug/L	02/23/10 14:38	U	1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 14:38	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 14:38	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 14:38	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 14:38	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 14:38	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 14:38	U	1

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AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **DW-1** Matrix: **Water** % Moisture:
Lab Sample Id: **362690-011** Date Collected: **Feb-17-10 11:35**
Date Received: **Feb-18-10 10:23**

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124
Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.243	ug/L	02/23/10 15:09	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.232	ug/L	02/23/10 15:09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.233	ug/L	02/23/10 15:09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	02/23/10 15:09	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.288	ug/L	02/23/10 15:09	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.255	ug/L	02/23/10 15:09	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.269	ug/L	02/23/10 15:09	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.306	ug/L	02/23/10 15:09	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	1.23	ug/L	02/23/10 15:09	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.359	ug/L	02/23/10 15:09	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	1.09	ug/L	02/23/10 15:09	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.823	ug/L	02/23/10 15:09	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.434	ug/L	02/23/10 15:09	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.235	ug/L	02/23/10 15:09	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.199	ug/L	02/23/10 15:09	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.193	ug/L	02/23/10 15:09	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.194	ug/L	02/23/10 15:09	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.296	ug/L	02/23/10 15:09	U	1
2-Hexanone	591-78-6	U	0.400	3.61	ug/L	02/23/10 15:09	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.223	ug/L	02/23/10 15:09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	10.0	ug/L	02/23/10 15:09	U	1
Acetone	67-64-1	U	2.00	3.74	ug/L	02/23/10 15:09	U	1
Acrolein	107-02-8	U	2.00	3.45	ug/L	02/23/10 15:09	U	1
Acrylonitrile	107-13-1	U	2.00	3.08	ug/L	02/23/10 15:09	U	1
Benzene	71-43-2	U	0.500	0.211	ug/L	02/23/10 15:09	U	1
Bromobenzene	108-86-1	U	0.500	0.381	ug/L	02/23/10 15:09	U	1
Bromochloromethane	74-97-5	U	0.500	0.382	ug/L	02/23/10 15:09	U	1
Bromodichloromethane	75-27-4	U	0.500	0.191	ug/L	02/23/10 15:09	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	02/23/10 15:09	U	1
Bromomethane	74-83-9	U	1.00	0.610	ug/L	02/23/10 15:09	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	02/23/10 15:09	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.213	ug/L	02/23/10 15:09	U	1
Chlorobenzene	108-90-7	U	0.500	0.245	ug/L	02/23/10 15:09	U	1
Chloroethane	75-00-3	U	0.500	0.340	ug/L	02/23/10 15:09	U	1
Chloroform	67-66-3	U	0.500	0.263	ug/L	02/23/10 15:09	U	1
Chloromethane	74-87-3	U	0.500	0.250	ug/L	02/23/10 15:09	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.362	ug/L	02/23/10 15:09	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	02/23/10 15:09	U	1
Dibromochloromethane	124-48-1	U	0.500	0.256	ug/L	02/23/10 15:09	U	1

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Antioch Food Mart - Morganton

Sample Id: **DW-1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **362690-011**	Date Collected: **Feb-17-10 11:35**	
	Date Received: **Feb-18-10 10:23**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.238	ug/L	02/23/10 15:09	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.414	ug/L	02/23/10 15:09	U	1
Diisopropyl ether	108-20-3	1.43	0.500	1.00	ug/L	02/23/10 15:09		1
Ethylbenzene	100-41-4	U	0.500	0.196	ug/L	02/23/10 15:09	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.549	ug/L	02/23/10 15:09	U	1
isopropylbenzene	98-82-8	U	0.500	0.238	ug/L	02/23/10 15:09	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.398	ug/L	02/23/10 15:09	U	1
Methylene Chloride	75-09-2	U	0.500	0.639	ug/L	02/23/10 15:09	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.261	ug/L	02/23/10 15:09	U	1
Naphthalene	91-20-3	U	2.00	1.00	ug/L	02/23/10 15:09	U	1
n-Butylbenzene	104-51-8	U	2.00	0.452	ug/L	02/23/10 15:09	U	1
n-Propylbenzene	103-65-1	U	1.00	1.00	ug/L	02/23/10 15:09	U	1
o-Xylene	95-47-6	U	0.500	0.298	ug/L	02/23/10 15:09	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.353	ug/L	02/23/10 15:09	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.327	ug/L	02/23/10 15:09	U	1
Styrene	100-42-5	U	0.500	0.196	ug/L	02/23/10 15:09	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.339	ug/L	02/23/10 15:09	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.508	ug/L	02/23/10 15:09	U	1
Toluene	108-88-3	U	0.500	0.247	ug/L	02/23/10 15:09	U	1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.399	ug/L	02/23/10 15:09	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	02/23/10 15:09	U	1
Trichloroethene	79-01-6	U	0.500	0.305	ug/L	02/23/10 15:09	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.301	ug/L	02/23/10 15:09	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	02/23/10 15:09	U	1
Vinyl Chloride	75-01-4	U	0.500	0.414	ug/L	02/23/10 15:09	U	1

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AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **DW-1** Matrix: **Water** % Moisture:
Lab Sample Id: **362690-011** Date Collected: **Feb-17-10 11:35**
Date Received: **Feb-18-10 10:23**

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458
Seq Number: 795643 SUB: E86240, E86678 - Xencc

Parameter	Cas Number	Result	PQL	MDL	Units	Analysis Date	Flag	Dil
1-Methylnaphthalene	90-12-0	U	1.00	0.290	ug/L	02/26/10 03:59	U	1
2-Methylnaphthalene	91-57-6	U	1.00	0.260	ug/L	02/26/10 03:59	U	1
Acenaphthene	83-32-9	U	4.00	0.330	ug/L	02/26/10 03:59	U	1
Acenaphthylene	208-96-8	U	4.00	0.250	ug/L	02/26/10 03:59	U	1
Anthracene	120-12-7	U	4.00	0.250	ug/L	02/26/10 03:59	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	02/26/10 03:59	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	02/26/10 03:59	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	02/26/10 03:59	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	02/26/10 03:59	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	02/26/10 03:59	U	1
Chrysene	218-01-9	U	4.00	0.280	ug/L	02/26/10 03:59	U	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	02/26/10 03:59	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	02/26/10 03:59	U	1
Fluorene	86-73-7	U	4.00	0.270	ug/L	02/26/10 03:59	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	02/26/10 03:59	U	1
Naphthalene	91-20-3	U	4.00	0.340	ug/L	02/26/10 03:59	U	1
Phenanthrene	85-01-8	U	10.0	0.290	ug/L	02/26/10 03:59	U	1
Pyrene	129-00-0	U	4.00	0.470	ug/L	02/26/10 03:59	U	1

Project: North Carolina UST Sites

Version: 1.013

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 effect the recovery of the spike concentration. This condition could also effect 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 MQL and above the SQL.

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.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795160 **Sample:** 551216-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 08:00

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	24.46	25.00	98	53-159	
4-Bromofluorobenzene	24.93	25.00	100	30-186	
Toluene-D8	25.10	25.00	100	70-130	

Lab Batch #: 795160 **Sample:** 551216-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 08:31

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	24.94	25.00	100	53-159	
4-Bromofluorobenzene	25.25	25.00	101	30-186	
Toluene-D8	25.30	25.00	101	70-130	

Lab Batch #: 795160 **Sample:** 551216-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 09:32

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.78	25.00	103	53-159	
4-Bromofluorobenzene	24.97	25.00	100	30-186	
Toluene-D8	24.58	25.00	98	70-130	

Lab Batch #: 795160 **Sample:** 363010-001 D / MD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 10:33

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.18	25.00	105	53-159	
4-Bromofluorobenzene	24.93	25.00	100	30-186	
Toluene-D8	24.86	25.00	99	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795160 **Sample:** 362690-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 13:07

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.64	25.00	107	53-159	
4-Bromofluorobenzene	25.46	25.00	102	30-186	
Toluene-D8	23.87	25.00	95	70-130	

Lab Batch #: 795160 **Sample:** 362690-008 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 13:37

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.96	25.00	104	53-159	
4-Bromofluorobenzene	25.94	25.00	104	30-186	
Toluene-D8	23.85	25.00	95	70-130	

Lab Batch #: 795160 **Sample:** 362690-009 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 14:08

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.19	25.00	105	53-159	
4-Bromofluorobenzene	25.47	25.00	102	30-186	
Toluene-D8	24.43	25.00	98	70-130	

Lab Batch #: 795160 **Sample:** 362690-010 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 14:38

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.61	25.00	102	53-159	
4-Bromofluorobenzene	25.50	25.00	102	30-186	
Toluene-D8	24.44	25.00	98	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795160 **Sample:** 362690-011 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 15:09

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.27	25.00	105	53-159	
4-Bromofluorobenzene	24.63	25.00	99	30-186	
Toluene-D8	24.57	25.00	98	70-130	

Lab Batch #: 795160 **Sample:** 362690-007 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 16:40

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	23.76	25.00	95	53-159	
4-Bromofluorobenzene	24.79	25.00	99	30-186	
Toluene-D8	23.81	25.00	95	70-130	

Lab Batch #: 795160 **Sample:** 362690-008 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 17:12

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	24.46	25.00	98	53-159	
4-Bromofluorobenzene	25.24	25.00	101	30-186	
Toluene-D8	24.26	25.00	97	70-130	

Lab Batch #: 795160 **Sample:** 362690-007 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 18:17

SURROGATE RECOVERY STUDY					
VOCs by GC/MS by SM6200B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.17	25.00	101	53-159	
4-Bromofluorobenzene	25.19	25.00	101	30-186	
Toluene-D8	24.34	25.00	97	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795160 **Sample:** 363010-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 18:47

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	23.89	25.00	96	53-159	
4-Bromofluorobenzene	25.25	25.00	101	30-186	
Toluene-D8	24.18	25.00	97	70-130	

Lab Batch #: 795160 **Sample:** 363010-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/23/10 19:18

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	23.73	25.00	95	53-159	
4-Bromofluorobenzene	24.97	25.00	100	30-186	
Toluene-D8	24.51	25.00	98	70-130	

Lab Batch #: 796085 **Sample:** 550938-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/27/10 20:48

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1333	1667	80	30-115	
Nitrobenzene-d5	1360	1670	81	23-120	
Terphenyl-D14	1480	1670	89	18-137	

Lab Batch #: 796085 **Sample:** 550938-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/27/10 21:16

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1171	1667	70	30-115	
Nitrobenzene-d5	1200	1670	72	23-120	
Terphenyl-D14	1280	1670	77	18-137	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

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Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 796085 **Sample:** 362690-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/27/10 21:43

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1217	1663	73	30-115	
Nitrobenzene-d5	1220	1660	73	23-120	
Terphenyl-D14	1360	1660	82	18-137	

Lab Batch #: 796085 **Sample:** 362690-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/27/10 22:11

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1025	1664	62	30-115	
Nitrobenzene-d5	1030	1660	62	23-120	
Terphenyl-D14	1180	1660	71	18-137	

Lab Batch #: 796085 **Sample:** 362690-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/27/10 22:39

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1278	1662	77	30-115	
Nitrobenzene-d5	1270	1660	77	23-120	
Terphenyl-D14	1410	1660	85	18-137	

Lab Batch #: 796085 **Sample:** 362690-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/27/10 23:06

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1255	1666	75	30-115	
Nitrobenzene-d5	1260	1670	75	23-120	
Terphenyl-D14	1400	1670	84	18-137	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
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Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 796085 **Sample:** 362690-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/27/10 23:34

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1323	1665	79	30-115	
Nitrobenzene-d5	1340	1670	80	23-120	
Terphenyl-D14	1430	1670	86	18-137	

Lab Batch #: 796085 **Sample:** 362690-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/28/10 00:02

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1190	1666	71	30-115	
Nitrobenzene-d5	1190	1670	71	23-120	
Terphenyl-D14	1330	1670	80	18-137	

Lab Batch #: 796085 **Sample:** 362690-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/28/10 00:29

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1188	1663	71	30-115	
Nitrobenzene-d5	1210	1660	73	23-120	
Terphenyl-D14	1330	1660	80	18-137	

Lab Batch #: 795643 **Sample:** 551488-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 02:41

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	38.4	50.0	77	19-126	
Nitrobenzene-d5	42.1	50.0	84	8-130	
Terphenyl-D14	40.1	50.0	80	27-133	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

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Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795643 **Sample:** 551488-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 03:01

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	32.9	50.0	66	19-126	
Nitrobenzene-d5	35.1	50.0	70	8-130	
Terphenyl-D14	35.1	50.0	70	27-133	

Lab Batch #: 795643 **Sample:** 362690-011 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 03:20

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	36.8	50.0	74	19-126	
Nitrobenzene-d5	36.6	50.0	73	8-130	
Terphenyl-D14	43.5	50.0	87	27-133	

Lab Batch #: 795643 **Sample:** 362690-011 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 03:40

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	33.1	50.0	66	19-126	
Nitrobenzene-d5	35.3	50.0	71	8-130	
Terphenyl-D14	36.4	50.0	73	27-133	

Lab Batch #: 795643 **Sample:** 362690-011 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 03:59

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	39.6	50.0	79	19-126	
Nitrobenzene-d5	41.7	50.0	83	8-130	
Terphenyl-D14	45.1	50.0	90	27-133	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795643 **Sample:** 362690-006 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 04:19

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	34.8	50.0	70	19-126	
Nitrobenzene-d5	36.2	50.0	72	8-130	
Terphenyl-D14	26.2	50.0	52	27-133	

Lab Batch #: 795643 **Sample:** 362690-007 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 04:38

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	19.9	50.0	40	19-126	
Nitrobenzene-d5	51.6	50.0	103	8-130	
Terphenyl-D14	14.6	50.0	29	27-133	

Lab Batch #: 795643 **Sample:** 362690-008 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 04:58

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	37.1	50.0	74	19-126	
Nitrobenzene-d5	40.2	50.0	80	8-130	
Terphenyl-D14	23.1	50.0	46	27-133	

Lab Batch #: 795643 **Sample:** 362690-009 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 10:46

SURROGATE RECOVERY STUDY					
PAHs by SW846 8270D Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	37.8	50.0	76	19-126	
Nitrobenzene-d5	39.6	50.0	79	8-130	
Terphenyl-D14	25.6	50.0	51	27-133	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795643 **Sample:** 362690-007 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 11:44

PAHs by SW846 8270D Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	29.9	50.0	60	19-126	
Nitrobenzene-d5	64.6	50.0	129	8-130	
Terphenyl-D14	19.7	50.0	39	27-133	

Lab Batch #: 794961 **Sample:** 551085-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/22/10 08:58

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	40	50	80	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	54	50	108	45-140	

Lab Batch #: 794961 **Sample:** 551085-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/22/10 09:27

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	45	50	90	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	54	50	108	45-140	

Lab Batch #: 794961 **Sample:** 551085-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/22/10 10:26

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	47	50	94	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	54	50	108	45-140	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 794961 **Sample:** 362690-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 10:55

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	52	50	104	45-140	

Lab Batch #: 794961 **Sample:** 362690-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 11:26

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 794961 **Sample:** 362690-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 11:57

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 794961 **Sample:** 362690-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 12:56

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	53	50	106	45-140	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 794961 **Sample:** 362690-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 13:49

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59	50	118	46-167	
4-Bromofluorobenzene	51	50	102	57-158	
Toluene-D8	52	50	104	45-140	

Lab Batch #: 794961 **Sample:** 362690-005 S / MS **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 14:19

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	41	50	82	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 794961 **Sample:** 362690-005 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 14:48

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 794961 **Sample:** 362690-002 D / MD **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/22/10 15:48

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	52	50	104	45-140	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: Antioch Food Mart - Morganton

Work Orders : 362690, **Project ID:** 287226

Lab Batch #: 795152 **Sample:** 551195-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/23/10 08:14

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	34	50	68	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	51	50	102	45-140	

Lab Batch #: 795152 **Sample:** 551195-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/23/10 08:43

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	35	50	70	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	49	50	98	45-140	

Lab Batch #: 795152 **Sample:** 551195-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 02/23/10 09:41

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	40	50	80	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	50	50	100	45-140	

Lab Batch #: 795152 **Sample:** 362690-002 / DL **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 02/23/10 17:49

SURROGATE RECOVERY STUDY					
VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	34	50	68	46-167	
4-Bromofluorobenzene	51	50	102	57-158	
Toluene-D8	53	50	106	45-140	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690 **Project ID:** 287226

Lab Batch #: 796085 **Sample:** 550938-1-BKS **Matrix:** Solid

Date Analyzed: 02/27/2010 **Date Prepared:** 02/22/2010 **Analyst:** BJM

Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

PAHs by SW846 8270D Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1-Methylnaphthalene	<11.0	1670	1220	73	25-175	
2-Methylnaphthalene	<13.4	1670	1120	67	25-175	
Acenaphthene	<13.1	1670	1150	69	41-134	
Acenaphthylene	<11.1	1670	1350	81	65-135	
Anthracene	<8.76	1670	1300	78	65-135	
Benzo(a)anthracene	<9.34	1670	1300	78	44-126	
Benzo(a)pyrene	<15.8	1670	1280	77	50-110	
Benzo(b)fluoranthene	<14.9	1670	1450	87	65-135	
Benzo(g,h,i)perylene	<15.5	1670	1270	76	65-135	
Benzo(k)fluoranthene	<11.5	1670	1210	72	25-125	
Chrysene	<7.90	1670	1220	73	65-135	
Dibenz(a,h)anthracene	<14.8	1670	1260	75	65-135	
Fluoranthene	<9.91	1670	1260	75	65-135	
Fluorene	<10.7	1670	1200	72	50-110	
Indeno(1,2,3-c,d)Pyrene	<16.2	1670	1240	74	65-135	
Naphthalene	<11.5	1670	1180	71	40-105	
Phenanthrene	<6.67	1670	1220	73	65-135	
Pyrene	<10.6	1670	1280	77	24-132	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690 **Project ID:** 287226

Lab Batch #: 795643 **Sample:** 551488-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/22/2010 **Analyst:** RCR

Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

PAHs by SW846 8270D Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1-Methylnaphthalene	<0.290	50.0	38.7	77	70-130	
2-Methylnaphthalene	<0.260	50.0	32.7	65	70-130	L
Acenaphthene	<0.330	50.0	36.1	72	24-114	
Acenaphthylene	0.320	50.0	37.3	75	31-124	
Anthracene	0.320	50.0	37.6	75	27-133	
Benzo(a)anthracene	<0.270	50.0	39.6	79	33-143	
Benzo(a)pyrene	<0.310	50.0	37.7	75	17-163	
Benzo(b)fluoranthene	<0.250	50.0	34.8	70	24-159	
Benzo(g,h,i)perylene	<0.280	50.0	35.1	70	10-219	
Benzo(k)fluoranthene	<0.390	50.0	48.8	98	11-162	
Chrysene	<0.280	50.0	43.8	88	17-168	
Dibenz(a,h)Anthracene	<0.550	50.0	36.5	73	10-227	
Fluoranthene	<0.200	50.0	44.7	89	26-137	
Fluorene	<0.270	50.0	38.9	78	59-121	
Indeno(1,2,3-cd)pyrene	<0.260	50.0	36.2	72	10-171	
Naphthalene	<0.340	50.0	35.2	70	21-133	
Phenanthrene	<0.290	50.0	36.4	73	54-120	
Pyrene	<0.470	50.0	34.7	69	29-133	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690
Analyst: 4124
Lab Batch ID: 795160 **Sample:** 551216-1-BKS
Units: ug/L

Date Prepared: 02/23/2010 **Batch #:** 1

Project ID: 287226
Date Analyzed: 02/23/2010
Matrix: Water

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

VOCs by GC/MS by SM6200B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<0.104	25.0	23.1	92	25	25.9	104	11	70-130	22	
Benzene	<0.119	25.0	23.4	94	25	25.1	100	7	70-130	20	
Chlorobenzene	<0.105	25.0	23.8	95	25	26.3	105	10	70-130	20	
Toluene	<0.057	25.0	23.5	94	25	25.2	101	7	70-130	20	
Trichloroethene	<0.139	25.0	23.9	96	25	25.4	102	6	70-130	20	

Analyst: 4124
Lab Batch ID: 794961 **Sample:** 551085-1-BKS
Units: ug/kg

Date Prepared: 02/22/2010 **Batch #:** 1

Date Analyzed: 02/22/2010
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<1.2	50	48	96	50	43	86	11	35-170	20	
Benzene	<0.51	50	49	98	50	45	90	9	38-158	20	
Chlorobenzene	<0.58	50	48	96	50	45	90	6	47-153	20	
Toluene	<0.59	50	48	96	50	44	88	9	50-150	20	
Trichloroethene	<0.71	50	47	94	50	41	82	14	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690
Analyst: NTR
Lab Batch ID: 795152 **Sample:** 551195-1-BKS
Units: ug/kg

Date Prepared: 02/23/2010
Batch #: 1

Project ID: 287226
Date Analyzed: 02/23/2010
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<58	2500	2400	96	2500	2300	92	4	35-170	20	
Benzene	<26	2500	2500	100	2500	2300	92	8	38-158	20	
Chlorobenzene	<29	2500	2400	96	2500	2300	92	4	47-153	20	
Toluene	<29	2500	2400	96	2500	2300	92	4	50-150	20	
Trichloroethene	<35	2500	2400	96	2500	2300	92	4	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories
Florida Testing Services, LLC

Form 3 - MS / MSD Recoveries

Project Name: Antioch Food Mart - Morganton

Work Order # : 362690

Project ID: 287226

Lab Batch ID: 795160

QC- Sample ID: 363010-001 S

Batch #: 1

Matrix: Water

Date Analyzed: 02/23/2010

Date Prepared: 02/23/2010

Analyst: 4124

Reporting Units: ug/L

VOCs by GC/MS by SM6200B	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<0.500	25.0	26.0	104	25.0	26.0	104	0	70-130	22	
Benzene	<0.500	25.0	24.7	99	25.0	25.9	104	5	70-130	20	
Chlorobenzene	<0.500	25.0	24.7	99	25.0	26.1	104	6	70-130	20	
Toluene	<0.500	25.0	24.7	99	25.0	26.0	104	5	70-130	20	
Trichloroethene	<0.500	25.0	24.1	96	25.0	26.1	104	8	70-130	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Antioch Food Mart - Morganton

Work Order # : 362690 **Project ID:** 287226

Lab Batch ID: 796085 **QC- Sample ID:** 362690-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/27/2010 **Date Prepared:** 02/22/2010 **Analyst:** BJM

Reporting Units: ug/kg

PAHs by SW846 8270D Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1-Methylnaphthalene	<41.1	2060	1550	75	2060	1690	82	9	25-175	30	
2-Methylnaphthalene	<41.1	2060	1440	70	2060	1550	75	7	25-175	30	
Acenaphthene	<41.1	2060	1480	72	2060	1590	77	7	41-134	30	
Acenaphthylene	<41.1	2060	1740	84	2060	1850	90	6	65-135	30	
Anthracene	<41.1	2060	1670	81	2060	1780	86	6	65-135	30	
Benzo(a)anthracene	<41.1	2060	1700	83	2060	1780	86	5	44-126	30	
Benzo(a)pyrene	<41.1	2060	1610	78	2060	1740	84	8	50-110	30	
Benzo(b)fluoranthene	<41.1	2060	1320	64	2060	1390	67	5	65-135	30	X
Benzo(g,h,i)perylene	<41.1	2060	1610	78	2060	1740	84	8	65-135	30	
Benzo(k)fluoranthene	<41.1	2060	1490	72	2060	1640	80	10	25-125	30	
Chrysene	<41.1	2060	1580	77	2060	1680	82	6	65-135	30	
Dibenz(a,h)anthracene	<41.1	2060	1600	78	2060	1720	83	7	65-135	30	
Fluoranthene	<41.1	2060	1500	73	2060	1640	80	9	65-135	30	
Fluorene	<41.1	2060	1510	73	2060	1650	80	9	50-110	30	
Indeno(1,2,3-c,d)Pyrene	<41.1	2060	1580	77	2060	1700	83	7	65-135	30	
Naphthalene	<41.1	2060	1520	74	2060	1600	78	5	40-105	30	
Phenanthrene	<41.1	2060	1530	74	2060	1630	79	6	65-135	30	
Pyrene	<41.1	2060	1650	80	2060	1720	83	4	24-132	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

XENCO Laboratories
Florida Testing Services, LLC

Project Name: Antioch Food Mart - Morganton

Work Order # : 362690

Project ID: 287226

Lab Batch ID: 795643

QC- Sample ID: 362690-011 S

Batch #: 1

Matrix: Water

Date Analyzed: 02/26/2010

Date Prepared: 02/22/2010

Analyst: RCR

Reporting Units: ug/L

PAHs by SW846 8270D Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1-Methylnaphthalene	<1.00	50.0	41.2	82	50.0	38.7	77	6	70-130	20	
2-Methylnaphthalene	<1.00	50.0	34.9	70	50.0	32.4	65	7	70-130	20	X
Acenaphthene	<4.00	50.0	39.4	79	50.0	35.1	70	12	24-114	20	
Acenaphthylene	<4.00	50.0	34.2	68	50.0	30.4	61	12	31-124	20	
Anthracene	<4.00	50.0	32.3	65	50.0	35.4	71	9	27-133	20	
Benzo(a)anthracene	<4.00	50.0	41.8	84	50.0	38.6	77	8	33-143	20	
Benzo(a)pyrene	<4.00	50.0	31.5	63	50.0	30.9	62	2	17-163	20	
Benzo(b)fluoranthene	<4.00	50.0	39.3	79	50.0	35.4	71	10	24-159	20	
Benzo(g,h,i)perylene	<4.00	50.0	37.8	76	50.0	31.9	64	17	10-219	20	
Benzo(k)fluoranthene	<4.00	50.0	52.0	104	50.0	46.2	92	12	11-162	20	
Chrysene	<4.00	50.0	48.2	96	50.0	44.8	90	7	17-168	20	
Dibenz(a,h)Anthracene	<4.00	50.0	40.7	81	50.0	38.0	76	7	10-227	20	
Fluoranthene	<4.00	50.0	45.7	91	50.0	46.4	93	2	26-137	20	
Fluorene	<4.00	50.0	42.4	85	50.0	38.8	78	9	59-121	20	
Indeno(1,2,3-cd)pyrene	<4.00	50.0	39.7	79	50.0	33.9	68	16	10-171	20	
Naphthalene	<4.00	50.0	37.1	74	50.0	34.6	69	7	21-133	20	
Phenanthrene	<10.0	50.0	41.9	84	50.0	37.8	76	10	54-120	20	
Pyrene	<4.00	50.0	41.9	84	50.0	33.8	68	21	29-133	20	F

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Antioch Food Mart - Morganton

Work Order # : 362690 **Project ID:** 287226

Lab Batch ID: 794961 **QC- Sample ID:** 362690-005 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/22/2010 **Date Prepared:** 02/22/2010 **Analyst:** 4124

Reporting Units: ug/kg

VOCs by SW-846 8260B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<3.9	66	70	106	67	61	91	14	35-170	20	
Benzene	<3.9	66	65	98	67	61	91	6	38-158	20	
Chlorobenzene	<7.8	66	65	98	67	62	93	5	47-153	20	
Toluene	<3.9	66	66	100	67	61	91	8	50-150	20	
Trichloroethene	<3.9	66	65	98	67	59	88	10	50-150	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690

Lab Batch #: 795160 **Project ID:** 287226
Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** 4124
QC- Sample ID: 363010-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: ug/L

VOCs by GC/MS by SM6200B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1,2-Tetrachloroethane	<0.500	<0.500	NC	20	
1,1,1-Trichloroethane	<0.500	<0.500	NC	20	
1,1,2,2-Tetrachloroethane	<0.500	<0.500	NC	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<8.00	<8.00	NC	20	
1,1,2-Trichloroethane	<0.500	<0.500	NC	20	
1,1-Dichloroethane	<0.500	<0.500	NC	20	
1,1-Dichloroethene	<0.500	<0.500	NC	22	
1,1-Dichloropropene	<0.500	<0.500	NC	20	
1,2,3-Trichlorobenzene	<2.00	<2.00	NC	20	
1,2,3-Trichloropropane	<1.00	<1.00	NC	20	
1,2,4-Trichlorobenzene	<1.00	<1.00	NC	20	
1,2,4-Trimethylbenzene	<0.500	<0.500	NC	20	
1,3,5-trimethylbenzene	<0.500	<0.500	NC	20	
1,3-Dichlorobenzene	<0.500	<0.500	NC	20	
1,3-Dichloropropane	<0.500	<0.500	NC	20	
1,4-Dichlorobenzene	<0.500	<0.500	NC	20	
2,2-Dichloropropane	<0.200	<0.200	NC	20	
2-Chlorotoluene	<0.200	<0.200	NC	20	
2-Hexanone	<0.400	<0.400	NC	20	
4-Chlorotoluene	<0.500	<0.500	NC	20	
4-Methyl-2-pentanone (MIBK)	<0.400	<0.400	NC	20	
Acetone	<2.00	<2.00	NC	21	
Acrolein	<2.00	<2.00	NC	20	
Acrylonitrile	<2.00	<2.00	NC	20	
Benzene	<0.500	<0.500	NC	20	
Bromobenzene	<0.500	<0.500	NC	20	
Bromochloromethane	<0.500	<0.500	NC	20	
Bromodichloromethane	<0.500	<0.500	NC	20	
Bromoform	<2.00	<2.00	NC	20	
Bromomethane	<1.00	<1.00	NC	20	
Carbon Disulfide	<8.00	<8.00	NC	20	
Carbon Tetrachloride	<0.500	<0.500	NC	20	
Chlorobenzene	<0.500	<0.500	NC	20	
Chloroethane	<0.500	<0.500	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690

Lab Batch #: 795160 **Project ID:** 287226

Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** 4124

QC- Sample ID: 363010-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: ug/L

VOCs by GC/MS by SM6200B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloroform	<0.500	<0.500	NC	20	
Chloromethane	<0.500	<0.500	NC	20	
cis-1,2-Dichloroethene	<0.500	<0.500	NC	20	
cis-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Dibromochloromethane	<0.500	<0.500	NC	20	
Dibromomethane	<0.500	<0.500	NC	20	
Dichlorodifluoromethane	<1.00	<1.00	NC	20	
Diisopropyl ether	<0.500	<0.500	NC	20	
Ethylbenzene	<0.500	<0.500	NC	20	
Hexachlorobutadiene	<2.00	<2.00	NC	20	
isopropylbenzene	<0.500	<0.500	NC	20	
m,p-Xylenes	<1.00	<1.00	NC	20	
Methylene Chloride	<0.500	<0.500	NC	20	
Methyl tert-butyl ether (MTBE)	<0.500	<0.500	NC	20	
Naphthalene	<2.00	<2.00	NC	20	
n-Butylbenzene	<2.00	<2.00	NC	20	
n-Propylbenzene	<1.00	<1.00	NC	20	
o-Xylene	<0.500	<0.500	NC	20	
p-Cymene (p-Isopropyltoluene)	<0.500	<0.500	NC	20	
Sec-Butylbenzene	<0.500	<0.500	NC	20	
Styrene	<0.500	<0.500	NC	20	
tert-Butylbenzene	<0.500	<0.500	NC	20	
Tetrachloroethylene	<0.500	<0.500	NC	20	
Toluene	<0.500	<0.500	NC	20	
trans-1,2-dichloroethene	<0.500	<0.500	NC	20	
trans-1,3-dichloropropene	<2.00	<2.00	NC	20	
Trichloroethene	<0.500	<0.500	NC	20	
Trichlorofluoromethane	<0.500	<0.500	NC	20	
Vinyl Acetate	<10.0	<10.0	NC	20	
Vinyl Chloride	<0.500	<0.500	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690

Lab Batch #: 794961 **Project ID:** 287226

Date Analyzed: 02/22/2010 **Date Prepared:** 02/22/2010 **Analyst:** 4124

QC- Sample ID: 362690-002 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: ug/kg

VOCs by SW-846 8260B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<5.2	<4.9	NC	20	
1,1,2,2-Tetrachloroethane	<5.2	<4.9	NC	20	
1,1,2-Trichloroethane	<5.2	<4.9	NC	20	
1,1-Dichloroethane	<5.2	<4.9	NC	20	
1,1-Dichloroethene	<5.2	<4.9	NC	20	
1,1-Dichloropropene	<5.2	<4.9	NC	20	
1,2,3-Trichlorobenzene	<5.2	<4.9	NC	20	
1,2,3-Trichloropropane	<5.2	<4.9	NC	20	
1,2,4-Trichlorobenzene	<5.2	<4.9	NC	20	
1,2,4-Trimethylbenzene	1.6	6.4	120	20	F
1,2-Dibromoethane (EDB)	<5.2	<4.9	NC	20	
1,2-Dichlorobenzene	<5.2	<4.9	NC	20	
1,2-Dichloroethane	<5.2	<4.9	NC	20	
1,2-Dichloropropane	<5.2	<4.9	NC	20	
1,3,5-Trimethylbenzene	<5.2	2.1	NC	20	
1,3-Dichlorobenzene	<5.2	<4.9	NC	20	
1,3-Dichloropropane	<5.2	<4.9	NC	20	
1,4-Dichlorobenzene	<5.2	<4.9	NC	20	
2,2-Dichloropropane	<5.2	<4.9	NC	20	
2-Butanone (MEK)	470	280	51	20	F
2-Chlorotoluene	<5.2	<4.9	NC	20	
2-Hexanone	180	130	32	20	F
4-Chlorotoluene	<5.2	<4.9	NC	20	
4-Methyl-2-pentanone (MIBK)	40	32	22	20	F
Acetone	650	350	60	20	F
Benzene	29	30	3	20	
Bromobenzene	<5.2	<4.9	NC	20	
Bromochloromethane	<5.2	<4.9	NC	20	
Bromodichloromethane	<5.2	<4.9	NC	20	
Bromoform	<5.2	<4.9	NC	20	
Bromomethane	<5.2	<4.9	NC	20	
Carbon tetrachloride	<5.2	<4.9	NC	20	
Chlorobenzene	<10	<9.7	NC	20	
Chloroethane	<5.2	<4.9	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: Antioch Food Mart - Morganton

Work Order #: 362690

Lab Batch #: 794961 **Project ID:** 287226
Date Analyzed: 02/22/2010 **Date Prepared:** 02/22/2010 **Analyst:** 4124
QC- Sample ID: 362690-002 D **Batch #:** 1 **Matrix:** Soil
Reporting Units: ug/kg

VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloroform	<5.2	<4.9	NC	20	
Chloromethane	<5.2	<4.9	NC	20	
cis-1,2-Dichloroethene	<5.2	<4.9	NC	20	
cis-1,3-Dichloropropene	<5.2	<4.9	NC	20	
Chlorodibromomethane	<5.2	<4.9	NC	20	
Dichlorodifluoromethane	<5.2	<4.9	NC	20	
Ethanol	<52	<49	NC	20	
Ethylbenzene	2.3	4.6	67	20	F
Isopropyl Ether	3.07	2.73	12	20	
Isopropylbenzene	<5.2	<4.9	NC	20	
m,p-Xylenes	8.1	22	92	20	F
Methyl tert-butyl ether	11	10	10	20	
Methylene chloride	<5.2	<4.9	NC	20	
Naphthalene	<5.2	<4.9	NC	20	
n-Butylbenzene	<5.2	<4.9	NC	20	
n-Propylbenzene	<5.2	<4.9	NC	20	
o-Xylene	8.4	20	82	20	F
4-Isopropyltoluene	<5.2	<4.9	NC	20	
sec-Butylbenzene	<5.2	<4.9	NC	20	
Styrene	<5.2	<4.9	NC	20	
tert-Butylbenzene	<5.2	<4.9	NC	20	
Tetrachloroethene	<5.2	<4.9	NC	20	
Toluene	31	52	51	20	F
trans-1,2-Dichloroethene	<5.2	<4.9	NC	20	
trans-1,3-Dichloropropene	<5.2	<4.9	NC	20	
Trichloroethene	<5.2	<4.9	NC	20	
Trichlorofluoromethane	<5.2	<4.9	NC	20	
Vinyl acetate	<5.2	<4.9	NC	20	
Vinyl chloride	<5.2	<4.9	NC	20	
Xylenes, Total	17	42	85	20	F

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **550938-1-BLK** Matrix: **SOLID**
Lab Sample Id: **550938-1-BLK**

Analytical Method: PAHs by SW846 8270D Prep Method: SW3545

Date Analyzed: Feb-27-10 20:48 Analyst: BJM Date Prep: Feb-22-10 08:00 Tech: 4118
Seq Number: 796085

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1-Methylnaphthalene	90-12-0	U	33.3	11.0	ug/kg	U	1
2-Methylnaphthalene	91-57-6	U	33.3	13.4	ug/kg	U	1
Acenaphthene	83-32-9	U	33.3	13.1	ug/kg	U	1
Acenaphthylene	208-96-8	U	33.3	11.1	ug/kg	U	1
Anthracene	120-12-7	U	33.3	8.76	ug/kg	U	1
Benzo(a)anthracene	56-55-3	U	33.3	9.34	ug/kg	U	1
Benzo(a)pyrene	50-32-8	U	33.3	15.8	ug/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	33.3	14.9	ug/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	33.3	15.5	ug/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	33.3	11.5	ug/kg	U	1
Chrysene	218-01-9	U	33.3	7.90	ug/kg	U	1
Dibenz(a,h)anthracene	53-70-3	U	33.3	14.8	ug/kg	U	1
Fluoranthene	206-44-0	U	33.3	9.91	ug/kg	U	1
Fluorene	86-73-7	U	33.3	10.7	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	33.3	16.2	ug/kg	U	1
Naphthalene	91-20-3	U	33.3	11.5	ug/kg	U	1
Phenanthrene	85-01-8	U	33.3	6.67	ug/kg	U	1
Pyrene	129-00-0	U	33.3	10.6	ug/kg	U	1

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories

Blank Summary 362690

ACCREDITED IN ACCORDANCE WITH nelac

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551085-1-BLK** Matrix: **SOLID**

Lab Sample Id: **551085-1-BLK**

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

Date Analyzed: Feb-22-10 10:26 Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124

Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	5.0	0.75	ug/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	5.0	1.2	ug/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	5.0	0.67	ug/kg	U	1
1,1-Dichloroethane	75-34-3	U	5.0	0.80	ug/kg	U	1
1,1-Dichloroethene	75-35-4	U	5.0	1.2	ug/kg	U	1
1,1-Dichloropropene	563-58-6	U	5.0	0.54	ug/kg	U	1
1,2,3-Trichlorobenzene	87-61-6	U	5.0	0.57	ug/kg	U	1
1,2,3-Trichloropropane	96-18-4	U	5.0	1.6	ug/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	5.0	0.87	ug/kg	U	1
1,2,4-Trimethylbenzene	95-63-6	U	5.0	0.72	ug/kg	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	5.0	0.86	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	5.0	1.3	ug/kg	U	1
1,2-Dichloroethane	107-06-2	U	5.0	0.60	ug/kg	U	1
1,2-Dichloropropane	78-87-5	U	5.0	0.93	ug/kg	U	1
1,3,5-Trimethylbenzene	108-67-8	U	5.0	0.81	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	5.0	1.0	ug/kg	U	1
1,3-Dichloropropane	142-28-9	U	5.0	0.69	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	5.0	0.68	ug/kg	U	1
2,2-Dichloropropane	594-20-7	U	5.0	0.60	ug/kg	U	1
2-Butanone (MEK)	78-93-3	U	50	9.1	ug/kg	U	1
2-Chlorotoluene	95-49-8	U	5.0	0.71	ug/kg	U	1
2-Hexanone	591-78-6	U	50	1.1	ug/kg	U	1
4-Chlorotoluene	106-43-4	U	5.0	0.55	ug/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	50	3.2	ug/kg	U	1
Acetone	67-64-1	U	50	6.9	ug/kg	U	1
Benzene	71-43-2	U	5.0	0.51	ug/kg	U	1
Bromobenzene	108-86-1	U	5.0	0.85	ug/kg	U	1
Bromochloromethane	74-97-5	U	5.0	1.0	ug/kg	U	1
Bromodichloromethane	75-27-4	U	5.0	0.50	ug/kg	U	1
Bromoform	75-25-2	U	5.0	0.96	ug/kg	U	1
Bromomethane	74-83-9	U	5.0	2.5	ug/kg	U	1
Carbon tetrachloride	56-23-5	U	5.0	0.74	ug/kg	U	1
Chlorobenzene	108-90-7	U	10	0.58	ug/kg	U	1
Chloroethane	75-00-3	U	5.0	2.4	ug/kg	U	1
Chloroform	67-66-3	U	5.0	0.74	ug/kg	U	1
Chloromethane	74-87-3	U	5.0	2.3	ug/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	5.0	0.66	ug/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	5.0	0.54	ug/kg	U	1
Chlorodibromomethane	124-48-1	U	5.0	0.99	ug/kg	U	1
Dichlorodifluoromethane	75-71-8	U	5.0	1.2	ug/kg	U	1
Ethanol	64-17-5	U	50	28	ug/kg	U	1
Ethylbenzene	100-41-4	U	5.0	0.57	ug/kg	U	1

Project: North Carolina UST Sites

Version: 1.013

Final Ver. 1.000

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551085-1-BLK** Matrix: **SOLID**
Lab Sample Id: **551085-1-BLK**

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

Date Analyzed: Feb-22-10 10:26 Analyst: 4124 Date Prep: Feb-22-10 07:08 Tech: 4124
Seq Number: 794961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Isopropyl Ether	108-20-3	U	50.0	1.27	ug/kg	U	1
Isopropylbenzene	98-82-8	U	5.0	0.76	ug/kg	U	1
m,p-Xylenes	179601-23-1	U	10	1.2	ug/kg	U	1
Methyl tert-butyl ether	1634-04-4	U	5.0	0.69	ug/kg	U	1
Methylene chloride	75-09-2	U	5.0	2.2	ug/kg	U	1
Naphthalene	91-20-3	U	5.0	1.3	ug/kg	U	1
n-Butylbenzene	104-51-8	U	5.0	0.88	ug/kg	U	1
n-Propylbenzene	103-65-1	U	5.0	0.78	ug/kg	U	1
o-Xylene	95-47-6	U	5.0	0.72	ug/kg	U	1
4-Isopropyltoluene	99-87-6	U	5.0	0.80	ug/kg	U	1
sec-Butylbenzene	135-98-8	U	5.0	0.66	ug/kg	U	1
Styrene	100-42-5	U	5.0	0.74	ug/kg	U	1
tert-Butylbenzene	98-06-6	U	5.0	0.83	ug/kg	U	1
Tetrachloroethene	127-18-4	U	5.0	1.0	ug/kg	U	1
Toluene	108-88-3	U	5.0	0.59	ug/kg	U	1
trans-1,2-Dichloroethene	156-60-5	U	5.0	0.78	ug/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	5.0	0.67	ug/kg	U	1
Trichloroethene	79-01-6	U	5.0	0.71	ug/kg	U	1
Trichlorofluoromethane	75-69-4	U	5.0	3.5	ug/kg	U	1
Vinyl acetate	108-05-4	U	5.0	0.72	ug/kg	U	1
Vinyl chloride	75-01-4	U	5.0	2.0	ug/kg	U	1
Xylenes, Total	1330-20-7	U	5.0	0.72	ug/kg	U	1

XENCO Laboratories

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551195-1-BLK** Matrix: **SOLID**
Lab Sample Id: **551195-1-BLK**

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

Date Analyzed: Feb-23-10 09:41 Analyst: NTR Date Prep: Feb-23-10 06:50 Tech: 4124
Seq Number: 795152

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,1-Dichloropropene	563-58-6	U	250	27	ug/kg	U	50
1,2,3-Trichlorobenzene	87-61-6	U	250	29	ug/kg	U	50
1,2,3-Trichloropropane	96-18-4	U	250	82	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2,4-Trimethylbenzene	95-63-6	U	250	36	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3,5-Trimethylbenzene	108-67-8	U	250	41	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,3-Dichloropropane	142-28-9	U	250	34	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2,2-Dichloropropane	594-20-7	U	250	30	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Chlorotoluene	95-49-8	U	250	35	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Chlorotoluene	106-43-4	U	250	28	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromobenzene	108-86-1	U	250	43	ug/kg	U	50
Bromochloromethane	74-97-5	U	250	50	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Chlorodibromomethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethanol	64-17-5	U	2500	1400	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50

Project: North Carolina UST Sites

Version: 1.013

Final Ver. 1.000

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551195-1-BLK** Matrix: **SOLID**
Lab Sample Id: **551195-1-BLK**

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

Date Analyzed: Feb-23-10 09:41 Analyst: NTR Date Prep: Feb-23-10 06:50 Tech: 4124
Seq Number: 795152

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Isopropyl Ether	108-20-3	U	2500	63.5	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
Naphthalene	91-20-3	U	250	65	ug/kg	U	50
n-Butylbenzene	104-51-8	U	250	44	ug/kg	U	50
n-Propylbenzene	103-65-1	U	250	39	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50
4-Isopropyltoluene	99-87-6	U	250	40	ug/kg	U	50
sec-Butylbenzene	135-98-8	U	250	33	ug/kg	U	50
Styrene	100-42-5	U	250	37	ug/kg	U	50
tert-Butylbenzene	98-06-6	U	250	42	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl acetate	108-05-4	U	250	36	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50
Xylenes, Total	1330-20-7	U	250	36	ug/kg	U	50

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551216-1-BLK** Matrix: **WATER**

Lab Sample Id: **551216-1-BLK**

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Feb-23-10 09:32 Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124

Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.099	ug/L	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.076	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.070	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	8.00	2.00	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.060	ug/L	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.069	ug/L	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.087	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.098	ug/L	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	U	1
1,4-Dichloro-2-Butene	764-41-0	U	4.00	0.777	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.067	ug/L	U	1
1-Chlorohexane	544-10-5	U	4.00	1.00	ug/L	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.097	ug/L	U	1
2-Chloroethyl Vinyl Ether	110-75-8	U	1.00	0.206	ug/L	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.088	ug/L	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.090	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	U	1
Acrolein	107-02-8	U	2.00	0.240	ug/L	U	1
Acrylonitrile	107-13-1	U	2.00	0.396	ug/L	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.097	ug/L	U	1
Carbon Disulfide	75-15-0	U	8.00	1.91	ug/L	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.099	ug/L	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	U	1
Chloroethane	75-00-3	U	0.500	0.042	ug/L	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	U	1
Chloromethane	74-87-3	U	0.500	0.085	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	U	1
Dibromochloromethane	124-48-1	U	0.500	0.177	ug/L	U	1

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories

Blank Summary 362690

ACCREDITED IN ACCORDANCE WITH nelac

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551216-1-BLK** Matrix: **WATER**
Lab Sample Id: **551216-1-BLK**

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Feb-23-10 09:32 Analyst: 4124 Date Prep: Feb-23-10 06:33 Tech: 4124
Seq Number: 795160

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibromomethane	74-95-3	U	0.500	0.097	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.067	ug/L	U	1
Diisopropyl ether	108-20-3	U	0.500	0.092	ug/L	U	1
Ethyl Methacrylate	97-63-2	U	1.00	0.180	ug/L	U	1
Ethylbenzene	100-41-4	U	0.500	0.092	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	2.00	0.098	ug/L	U	1
isopropylbenzene	98-82-8	U	0.500	0.098	ug/L	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	U	1
Naphthalene	91-20-3	U	2.00	0.094	ug/L	U	1
n-Butylbenzene	104-51-8	U	2.00	0.060	ug/L	U	1
n-Heptane	142-82-5	U	8.00	2.00	ug/L	U	1
n-Propylbenzene	103-65-1	U	1.00	0.065	ug/L	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.089	ug/L	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.092	ug/L	U	1
Styrene	100-42-5	U	0.500	0.074	ug/L	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.089	ug/L	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.054	ug/L	U	1
Toluene	108-88-3	U	0.500	0.057	ug/L	U	1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.188	ug/L	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.054	ug/L	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	U	1
Vinyl Chloride	75-01-4	U	0.500	0.081	ug/L	U	1

Project: North Carolina UST Sites

Version: 1.013

Blank Summary 362690

AEI Consultants, Atlanta, GA

Antioch Food Mart - Morganton

Sample Id: **551488-1-BLK** Matrix: **WATER**

Lab Sample Id: **551488-1-BLK**

Analytical Method: PAHs by SW846 8270D Prep Method: SW3510C

Date Analyzed: Feb-26-10 02:41 Analyst: RCR Date Prep: Feb-22-10 15:00 Tech: 5458

Seq Number: 795643 SUB: E86240, E86678 - Xenco

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1-Methylnaphthalene	90-12-0	U	1.00	0.290	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	1.00	0.260	ug/L	U	1
Acenaphthene	83-32-9	U	4.00	0.330	ug/L	U	1
Acenaphthylene	208-96-8	0.320	4.00	0.250	ug/L		1
Anthracene	120-12-7	0.320	4.00	0.250	ug/L		1
Benzo(a)anthracene	56-55-3	U	4.00	0.270	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.310	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.250	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.280	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.390	ug/L	U	1
Chrysene	218-01-9	U	4.00	0.280	ug/L	U	1
Dibenz(a,h)Anthracene	53-70-3	U	4.00	0.550	ug/L	U	1
Fluoranthene	206-44-0	U	4.00	0.200	ug/L	U	1
Fluorene	86-73-7	U	4.00	0.270	ug/L	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	U	4.00	0.260	ug/L	U	1
Naphthalene	91-20-3	U	4.00	0.340	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	0.290	ug/L	U	1
Pyrene	129-00-0	U	4.00	0.470	ug/L	U	1

Project: North Carolina UST Sites

Version: 1.013

XENCO Laboratories
Florida Testing Services, LLC

☐ 10200 USA Today Way, Miramar, FL 33025 954-431-4550
☐ 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 #: 254761 Page of

Company-City: AEI Consultant - Atlanta, GA
Phone: 678-279-2823
Lab Only: WO# 362690
Proj Name-Location: Antioch Food Mart - Morganton ☐ Previously done at XENCO
Project ID: 287226
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 Meares
e-Mail Results to ☒ PM or
Fax No:
mmeares@aeiconsultants.com
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☒ Invoice must have a P.O
Bill to:
Quote/Pricing:
P.O No: GA09103 ☐ 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: Michael Meares 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)	Sample Clean-ups are pre-approved as needed	Remarks
1	B1: 25'	11:00am 2-17-10		25'	S		✓	5				✓		✓										
2	B2: 25'	2-17-10	1210pm	25	S		✓	5				✓		✓							5Days			
3	B3: 25'	2-17-10	200pm	25'	S		✓	5				✓		✓										
4	B4: 20'	2-17-10	315pm	20'	S		✓	5				✓		✓										
5	B5: 15'	2-17-10	400pm	15'	S		✓	5				✓		✓										
6	~~B6~~ B1	11:15am 2-17-10		40'	W		✓	4				✓		✓										
7	B2	2-17-10	1235pm	40'	W		✓	4				✓		✓										
8	B3	2-17-10	2:35pm	40'	W		✓	4				✓		✓										
9	B4	2-17-10	335pm	34'	W		✓	4				✓		✓										
10	B5	2-17-10	405pm	24'	W		✓	2				✓		✓										

MP 2/18/10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1)	2-18-10 10:23am	2)	2-18-10 10:23
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.

Rcv by: From:
Date Addn:

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
Flexible Testing Services, LLC

☐ 10200 USA Today Way, Miramar, FL 33025 954-431-4550
☐ 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 #: 254762 Page 2 of 2

Company-City: AEI Consultants - Atlanta
Phone: 678-279-2823
Lab Only: WO# 362690

Proj Name-Location: Antioch Food Mart ☐ Previously done at XENCO
Project ID: 287226

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 Meares

e-Mail Results to ☒ PM or
mmeares@aeiconsultants.com
Fax No:

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

Quote/Pricing: P.O No: 6A09103 ☐ 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: Michael Meares Signature: [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)	Sample Clean-ups are pre-approved as needed	Remarks	Addn: Date Rcv by: From:	
1	DW-1	2.17.10	1135am				✓	4				✓		✓													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) [signature]	2-18-10 10:23	[signature]	2-18-10 10:23
2) 3)		4)	
3) 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)

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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 previously negotiated under a fully executed client contract.

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: AEI Consultants

Date/ Time: 02-18-10 10:23

Lab ID # : 362690

Initials: VL

Sample Receipt Checklist

#1	Temperature of cooler?				°C
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event